

Phase I Environmental Site Assessment

4497A & 4497B O'Keefe Court
Ottawa, Ontario

Mattamy Corporation

Report: PE6605-1
August 19, 2024

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Mattamy Corporation to conduct a Phase I Environmental Site Assessment (ESA) for the properties addressed 4497A and 4497B O'Keefe Court in Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the Phase I Property and the Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical research, the Phase I ESA Property has historically been used for agricultural purposes, with a small portion utilized for aggregate extraction between approximately 1960 and 1968. The Phase I Property has never been developed and exists as vacant, partially treed land. Two (2) historical potentially contaminating activities (PCAs) were identified on the Phase I Property, which are considered to have resulted APECs on the Phase I Property. The first is the historical operation of a concrete plant and the second is the placement of fill of unknown quality which is suspected to be the result of the Ministry of Transportations construction of Highway 416.

The historical use of the surrounding lands consisted of primarily agricultural with some residential, and more recently, industrial land use. No potentially contaminating activities were identified with respect to the historical use of the surrounding lands.

Following the historical research, a site visit was conducted. The Phase I ESA Property is currently vacant, undeveloped land. The ground surface is covered with a combination of low-lying vegetation and forest. No additional PCAs were observed on the Phase I Property at the time of the site visit, however, evidence of the two aforementioned PCAs on the Phase I Property was observed.

Neighbouring land use in the Phase I Study Area is primarily residential with some commercial, industrial, and parkland use. Seven existing off-site PCAs were identified within the Phase I Study Area, all of which were west of Highway 416. Based on separation distance, none of these PCAs were considered to pose an environmental risk for the Phase I Property.

RECOMMENDATIONS

Based on our findings of the assessment, it is our opinion that **a Phase II Environmental Site Assessment is required for the Phase I Property.**

1.0 INTRODUCTION

At the request of Mattamy Corporation, Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (ESA) for the property addressed 4497A & 4497B O'Keefe Court, Ottawa Ontario, herein referred to as the Phase I Property. The purpose of this Phase I ESA was to research the past and current uses of the Phase I Property and properties within the Phase I Study Area to identify any potentially contaminating activities (PCAs) that would result in areas of potential environmental concern (APECs) on the Phase I Property.

The Ottawa office of Mattamy Corporation is located at 50 Hines Road, Suite 100, Ottawa, Ontario.

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 under the supervision of a Qualified Person, in general accordance with Ontario Regulation (O.Reg.) 153/04, as amended under the Environmental Protection Act, and CSA Z768-01 (R2022). 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: | 4497A & 4497B O'Keefe Court, Ottawa, Ontario. |
| Legal Description: | Parts of Lot 22 Concession 4, Lot 23 Concession 4, Lot 24 Concession 4, and Lot 25 Concession 4, Nepean |
| Location: | The Phase I Property is located approximately 425m north of O'Keefe Court and directly east of Highway 416, in the City of Ottawa, Ontario. Refer to Figure 1 - Key Plan in the Figures section following the text. |
| Latitude and Longitude: | 45°16' 52.5" N, 75° 48' 2.2" W |

Site Description:

| | |
|----------------|---|
| Configuration: | Irregular |
| Area: | 71.99 ha |
| Zoning: | RR4 – Rural Residential Zones O1A / O1 – Open Space and Leisure Zones EP3 – Significant Wetlands Zones |
| Current Use: | The Phase I ESA Property is currently vacant, undeveloped land. |
| Services: | The Phase I ESA Property is not currently serviced. The property is located in an area where a combination of private and municipal sewer and water services exist. |

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 Phase I Property and study area by conducting site reconnaissance.
- Conduct interviews with persons knowledgeable of current and historic operations on the Phase I Property, and if warranted, neighbouring properties.
- Present the results of our findings in a comprehensive report in general accordance with the requirements O.Reg. 153/04, as amended under the Environmental Protection Act, and the requirements of CSA Z768-01 (R2022).
- 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 250m around the Phase I Property was determined to be appropriate as a Phase I Study Area for this assignment. Properties outside the 250m radius are not considered to have impacted the Phase I Property based on their significant separation distance.

First Developed Use Determination

Based on a review of available information, the Phase I Property was first used for agricultural purposes prior to 1945.

Fire Insurance Plans

Fire insurance plans (FIPs) are not available for the area of the Phase I Property.

City of Ottawa Street Directories

City directories are not available for the area of the Phase I Property.

Chain of Title

A Chain of Title was not required as part of this assessment given other information from the records review (*aerial photograph review*) satisfies the objectives of the records review and a title search would not contribute to obtaining information about the environmental condition of the Phase I Property.

Previous Environmental / Geotechnical Reports

Paterson has previously conducted a geotechnical investigation on the Phase I Property. No evidence of contamination was identified during the investigation.

Paterson also reviewed a previous Phase I Environmental Site Assessment prepared by exp. and dated May 19, 2011. This previous report was completed for a larger parcel of land addressed 800 Cedarview Road, which includes the Phase I Property and approximately 33.5 hectares east of the northern portion of 4497B O'Keefe Court. This previous Phase I ESA identified only one area of potential environmental concern, an automotive repair garage located at 822 Cedarview Road, which is approximately 600m from the current Phase I Property. As such, this historical activity is not considered to have the potential to cause an environmental concern on the Phase I Property.

Plan of Survey

A plan of survey was not provided for this Phase I Environmental Site Assessment.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically in July 2024. No records were found in the NPRI database for properties within the Phase I Study Area.

PCB Inventory

A search of provincial PCB waste storage sites was conducted. No PCB waste storage sites were reported 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) in July 2024. The search identified that a small portion of the area of natural scientific interest (ANSI) Stoney Swamp is within the Phase I Study Area, however, none of this ANSI is on the Phase I Property.

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

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to reports related to environmental conditions for the Phase I Property. A response from the MECP was received on July 8, 2024, and returned no records responsive to this request. A copy of the MECP FOI response has been provided in Appendix 2.

MECP Instruments

The MECP's Access Environment website was reviewed for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP-issued instruments. No records were affiliated with the Phase I Property; however, six permits to take water (PTTW) and one certificate of approval were identified for properties within the 250 m study area. One of these permits registered to 56 Cedarview Road has a water source location on the Phase I Property. All six PTTWs related to irrigation for Cedarhill Golf Enterprises Inc. addressed 56 Cedarhill Drive. These permits involved the taking of water from Stony Swamp (Beaver Pond) and Miron Quarry. The certificate of approval pertains to the addition of sewage works serving the Cedarhill Golf and

Country Club at 56 Cedarhill Drive. This result is consistent with the records produced in the ERIS report. As further discussed below in the ERIS section, the identified activities are not considered to pose an environmental concern to the Phase I Property. A copy of the ERIS report is provided in Appendix 2.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records as a part of this assessment. A response from the MECP was received on July 8, 2024, and returned no records responsive to this request. A copy of the MECP FOI response has been provided in Appendix 2.

MECP Incident Reports

A request was submitted to the MECP FOI office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP as a part of this assessment. A response from the MECP was received on July 8, 2024, and returned no records responsive to this request. A copy of the MECP FOI response has been provided in Appendix 2.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted for the Phase I Property and neighbouring properties within the Phase I Study Area. No Records of Site Condition (RSCs) were identified on this registry within the Phase I Study Area. A previous Phase I ESA for a parcel of land which includes the Phase I Study Area was reviewed as part of this assessment. This report titled "Phase I Environmental Site Assessment 800 Cedarview Road (Onassa Springs), Ottawa, Ontario" and dated May 19, 2011, contains reference to a Record of Site Condition within the ERIS report that was included in the appendices. According to this report, the RSC was completed by DST consulting Engineers Inc. for Part of Lot 23 in the Township of Gloucester. It was submitted on 07/05/01, acknowledged on 08/14/01, and returned on 07/23/01. The RSC has a listed soil type of Medium/Fine, a restoration type of Generic and a Criteria of Residential/parkland and Non-potable. No registration number or any further information is provided.

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 current or former waste disposal sites located within 250m of the Phase I Property.

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)

The Technical Standards and Safety Authority (TSSA) Fuels Safety Branch in Toronto was contacted on June 19, 2024, to inquire about current and former underground or aboveground storage tanks, historical spills, and incidents for the subject site and neighbouring properties. The response from the TSSA indicated that there are no fuel records in their database for the properties addressed 4401 O'Keefe Court, 4497 O'Keefe Court, 4497A O'Keefe Court, 4497B O'Keefe Court, 201 Dibblee Road, 510 Motor Works Private, 965 Moodie Drive, 985 Moodie Drive, or 999 Moodie Drive. The response from the TSSA did identify a record of one active fuel storage tank at the property addressed 995 Moodie Drive. This fuel tank is considered to be of a sufficient distance from the Phase I Property such that it does not pose an environmental concern.

As a result of inquiry limitations, numerous other properties within, or partially within the Phase I Study Area were not inquired about through the TSSA. These included residential addresses in the Onassa Springs, Cedarhill, and Orchard Estates communities and a large undeveloped plot of land north of the Phase I Property. None of these properties returned records of spills, storage tanks, or incidents through the ERIS report and none are expected to pose an environmental concern to the Phase I Property.

A copy of the correspondence with the TSSA on the properties of interest has been included in the Appendix.

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 within the Phase I Study Area.

City of Ottawa Historical Land Use Inventory (HLUI)

As part of this assessment, a requisition form was submitted to the City of Ottawa to request information from the City's Historical Land Use Inventory (HLUI)

database for any environmental records pertaining to the Phase I Property as well as any properties situated within the Phase I Study Area. A response from the City of Ottawa was received on July 26th, 2024.

The response letter from the City of Ottawa indicated that the Environmental Remediation unit and the Sewer Use Program have no records relating to the Phase I Property. In addition, the Ottawa Public Health Department website returned no results for the Phase I Property. Finally, the Solid Waste Services department confirmed that the Phase I Property is not within 5 kilometers of any solid waste services facilities.

Nine records were produced for the property addressed 999 Moodie Drive. Four of these records pertain to handyman and construction related commercial businesses. Two of these records pertain to automotive services, one is Sky Auto Centre which is within the HLUI category of 'motor vehicle repair shop' and the second is an Air Automotive within the HLUI category of 'service industries incidental to air transport'. The seventh record returned for 999 Moodie Drive is ESP Canada Inc, a mechanical specialty works commercial business. The eighth record pertains to a UPS warehouse, and the final record pertains to a commercial wholesale company. Each of these historical activities is sufficiently separated from the Phase I Property such that they are not considered to result in an Area of Potential Environmental Concern on the Phase I Property.

The HLUI returned five records for the property addressed 995 Moodie Drive. These included a commercial self storage company, two camping trailer dealerships, a sand and gravel pit and a landscaping company. None of the activities associated with these records are considered to be potentially contaminating activities.

One record was produced for the property addressed 1740 Woodroffe Avenue. This property, owned by Agriculture Canada is the location of the experimental farm research fields. The activities conducted at this property are considered to be a significant enough distance from the Phase I Property to not result in an Area of Potential Environmental Concern on the Phase I Property.

One record was produced for the property addressed 985 Moodie Drive. This record pertains to a FedEx commercial warehouse building. As discussed in the ERIS portion of this report, the FedEx warehouse is a waste generator which is a potentially contaminating activity. However, given the significant separations distance, these activities are not considered to result in an APEC on the Phase I Property.

The HLUI returned two records which were not associated with a street address. The first record was for a historical stone quarry located south of the Phase I Property. The second record pertains to a lumber yard. These activities are not considered to pose an environmental concern to the Phase I Property.

One record was produced for the property addressed 510 Motor Works Private. This record pertains to a Mazda dealership and service garage. As discussed in the ERIS portion of this report, this activity is activity is considered to be a PCA however, given the significant separations distance, this activity is not considered to result in an APEC on the Phase I Property.

The HLUI returned one record for a golf and country club on the property addressed 56 Cedarhill Drive. This record pertains to the Cedarhill Golf and Country Club. Activities relating to this record are not considered potentially contaminating activities.

The property addressed 965 Moodie Drive returned one record from the HLUI summary report which was for Durell Construction – a residential building and development company. These activities are not considered to result in a potentially contaminating activity.

The HLUI returned a record pertaining to a cement plant. Based on aerial imagery this plant is located on 4497B O'Keefe Court, immediately east of Highway 416. This activity is considered a potentially contaminating activity and as such results in an APEC on the Phase I Property.

A copy of the HLUI response letter and summary report has been included in Appendix 2.

Environmental Risk Information Services (ERIS) Report

Database reports, prepared by ERIS (Environmental Risk Information Services Ltd.), dated June 11, 2024, and June 20, 2024, were acquired and reviewed as part of this assessment. The reports provide a compilation of various provincial and federal environmental related records pertaining to any properties situated within the Phase I Study Area. When the results are combined, these two ERIS reports cover the Phase I Study Area and some land outside the Phase I Study Area. In addition, some results are duplicated between the two reports. All results discussed within this report reflect only those within the Phase I Study Area. Duplicate results have been eliminated. The complete ERIS reports have been included in Appendix 2.

The ERIS reports identified a total of 94 unique records associated with properties within the 250 m radius of the subject site (15 of which are previous ERIS searches):

Phase I Property

- ❑ The ERIS report identified sixteen records attributed to the Phase I Property. Ten of these records pertain to well water information systems, three pertain to boreholes and one to an ERIS historical search. The remaining two records returned are an abandoned mine information system and a mineral occurrence record. Both records are located within 4497B O'Keefe Court and relate to the same historical quarry operations on site. The ERIS report did not identify any activities on the Phase I Property considered to be potentially contaminating.

Properties within the Phase I Study Area

- ❑ The ERIS report identified eleven Waste Generator records for properties within 250 m of the Phase I Property. Seven of these records pertain to oil skimming's, sludges, organic laboratory chemicals and inorganic chemicals produced by FedEx Ground Ltd at 985 Moodie Drive between 2013 and 2021. Three records pertain to the generation of alkaline solutions containing heavy metals, waste compressed gasses including cylinders, waste oils/sludges (petroleum based) wastes from the use of pigments, coatings and paints, and other specified inorganic sludges, slurries or solids produced by Hydro Ottawa at 201 Dibblee Road. The final waste generator pertains to the generation of waste oils and lubricants at 995 Moodie drive by Dean Ryan's Landscaping. Based on the distance separating the Phase I Property from these waste generating activities (209 – 242m), the Phase I Property is not anticipated to be affected by these activities.
- ❑ The ERIS report identified one Aggregate Inventory record within the Phase I Study Area. This record pertains to a 6.6ha licenced quarry which operated approximately 240m southwest of the Phase I Property. These historical operations do not pose an environmental concern to the Phase I Property.
- ❑ The ERIS report identified one Abandoned Mine Information System record within 250m of the Phase I Property. This record describes a limestone quarry operating approximately 80m south of the Phase I Property. These quarry operations are not considered to have affected the Phase I Property.
- ❑ The ERIS report identified two Certificate of Approval records within the 250m radius of the Phase I Property. These records both pertain to the operation of waste management companies located at 995 Moodie Drive. Since these

- operations are located approximately 230m west of the Phase I Property, and the conditions of the Certificate of Approvals stipulate that no waste is to be stored or transferred at the yard located at 995 Moodie Drive, they are not considered to pose an environmental concern to the Phase I Property.
- ❑ The ERIS report identified nine Environmental Compliance Approval (ECA) records for the 250m radius surrounding the Phase I Property. Seven of these ECAs pertain to the permitting of the construction of sewer infrastructure to service 985 Moodie Drive, 200 Dibblee Road, 201 Dibblee Road, and 56 Cedarhill Drive. These works are not expected to affect the Phase I Property. The remaining two ECAs pertain to the operation of the aforementioned waste management companies which are not anticipated to pose a risk to the Phase I Property.
 - ❑ The ERIS report identified one record of an Environmental Activity and Sector Registry (EASR) for the Phase I Study Area. This EASR was filed for the Hydro Ottawa property at 201 Dibblee Road and relates to permitting prior to the construction of a solar facility. The works described in this record are not considered to affect the Phase I Property.
 - ❑ The ERIS report identified one Environmental Registry record within the 250m radius of the Phase I Property. This environmental registry relates to a permit issued for the property addressed 201 Dibblee Road. It describes the conditions set out to prevent harm to a species listed under the endangered species act, relating to the installation of the aforementioned solar facility. These activities are not considered to affect the Phase I Property.
 - ❑ The ERIS report identified one Pipeline Incident for properties within 250m of the Phase I Property. The pertinent record identified pertains to a 1-inch pipeline hit on the property addressed 985 Moodie Drive. Given that this incident occurred approximately 240m west of the Phase I Property this incident is not considered to represent an APEC on the Phase I Property.
 - ❑ The ERIS report identified a total of 42 well records and 8 borehole records within the Phase I Study Area, including those identified as on the Phase I Property.
 - ❑ A copy of the ERIS report is provided in Appendix 2.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the National Air Photo Library, The City of Ottawa's website geoOttawa and the national air photo library were reviewed in approximate ten-year intervals. Based on the review, the following observations have been made:

- 1945 (National Air Photo Library) The Phase I Property consists of vacant land and appears to be used for agricultural purposes. The surrounding lands consist of agricultural or vacant land in all directions.
- 1955 (National Air Photo Library) There are no significant changes apparent with respect to the Phase I Property. Cedarview Road and Fallowfield Road can be seen further east and south of the Phase I Property respectively.
- 1965 (geoOttawa) A portion of the subject site is being utilized for gravel pit/quarry operations. No significant changes are apparent with respect to the remainder of the Phase I Property. Moodie Drive has been constructed further west of the Phase I Property since the previous photograph. Quarry operations are also observable south of the Phase I Property and further west of Moodie Drive.
- 1976 (geoOttawa) A body of water has developed where the former quarrying operations had taken place on the Phase I Property. Two commercial buildings have been constructed along Moodie Drive since the previous photograph. No other significant changes are apparent with respect to the Phase I Study Area.
- 1991 (geoOttawa) Since the previous photograph a hydro corridor has been cleared bisecting the Phase I Property along a southwest – northeast trajectory. This corridor corresponds with the separation of 4497A and 4497B O'Keefe Court. A large residential development with a golf course has been constructed to the east of the Phase I Property since the previous photograph. Additional commercial buildings have been constructed west of the Phase I Property along Moodie Drive since the previous photograph. A large sports park has also been constructed south of the Phase I Property.
- 2002 (geoOttawa) Fill material has been deposited on the west side of the Phase I Property. It is expected that the fill material originated from the construction of Highway No. 416. Since the previous photograph, Highway 416 has been constructed immediately west of 4497A O'Keefe

Court as well as west and north of 4497B O'Keefe Court. In addition, south of the Phase I Property, Fallowfield Road has been re-aligned to its modern orientation.

- 2011 (geoOttawa) No significant changes are apparent with respect to the Phase I Property. Northeast of the Phase I Property, Onassa Circle is observed under construction.
- 2022 (geoOttawa) The Phase I Property appears to remain unchanged since the 2011 photograph. Additional commercial development can be seen southwest of the Phase I Property along Moodie Drive.

Copies of selected aerial photographs reviewed are included in Appendix 1.

Physiographic Maps

A Physiographic Map was reviewed from the Natural Resources Canada - The Atlas of Canada website. According to this physiographic map, the site is located in the St. Lawrence Lowlands, Till Plains (Drumlinized) physiographic region. According to the mapping description provided: "The lowlands are plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets." The Phase I Property is located in the Central St. Lawrence Lowland, "where the land is rarely more than 150 m above sea level, except for the Monteregion Hills, which consist of intrusive igneous rocks.

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 Phase I Property is relatively flat. Overland water flow and the inferred groundwater flow direction is to the south in the direction of the Jock 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 the information from NRCAN, bedrock in the area of the site consists of interbedded sandstone and dolomite of the March Formation. Based on the maps, the thickness of overburden is anticipated to be 5 to 10m and consists of plain till. Overburden is variable across the Phase I Property. It consists of Paleozoic rocks, organic

deposits, nearshore marine deposits and till. Stratigraphy presented on well records for the study area generally confirms the reported geology.

Water Well Records

A well record search was conducted in July 2024 for all drilled wells within 250m of the Phase I Property. Ten well records were identified on the Phase I Property. The stratigraphy of the Phase I Study Area as presented in the well record is generally characterized by a layer of limestone between 10 and 40m overlying sandstone. The search also identified 32 records for wells within the study area. A copy of select well records has been included in Appendix 2.

Areas of Natural Significance

One area of natural significance was identified within the Phase I Study Area. A small portion of Stony Swamp falls within the Phase I Study Area immediately to the north of the Phase I Property.

Water Bodies

Two waterbodies were identified within the Phase I Study Area. Miron Quarry is a manmade body of water approximately 150m in diameter that is the result of the flooding of a historical active quarry. It is located on 4497B O'Keefe Court and feeds the second waterbody, Beaver Pond on 4497A O'Keefe Court. These waterbodies outlet to drainage channels that ultimately flow south to the Jock River. No other water bodies were identified in the Phase I Study Area.

5.0 INTERVIEWS

Property Owner Representative

As part of this assessment Mr. Kevin Murphy, (Vice-President of Land Development – Mattamy Corporation) was interviewed via telephone on June 28, 2024. According to Mr. Murphy, the property was purchased by Mattamy Corporation around 2015. Mr. Murphy stated that he is not aware of any development of the property prior to this acquisition and that no development has taken place since the acquisition. Mr. Murphy indicated that a portion of the property had previously been used as a quarry. Mr. Murphy indicated that the site is not serviced by any underground utilities, but it does have aboveground hydro utilities passing through its borders. Mr. Murphy was not aware of the historical or modern presence of any fuel storage tanks, imported fill material, spills, or anything else that may be a potentially contaminating activity on the Phase I Property.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The site visit was conducted on June 17, 2024. Weather conditions were sunny, with a temperature of approximately 30°C. Mr. Mark Bujaki from the Environmental Department of Paterson Group conducted the site assessment. The duration of the site visit was approximately 2 hours. 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 from publicly accessible areas.

6.2 Specific Observations at the Phase I Property

Buildings and Structures

There are no buildings present on the Phase I Property. The Phase I Property is bisected by a row of large hydro electrical poles.

Site Features

The Phase I Property is made up of two vacant parcels of land bisected by a hydro electrical corridor. The topography of Phase I Property is undulating and drainage occurs through infiltration; the ground surface is covered with a combination of low-lying vegetation, established mature forests, wetland, and some exposed rock outcrops. There are two bodies of water on the Phase I Property, a flooded former quarry and a pond.

No sheen, film, foam or other evidence of potential contamination was observed in either waterbody. No signs of stressed vegetation, or surficial staining is evident on the Phase I Property. Fill placement was noted on the west side of the Phase I Property south of the hydro electrical corridor.

Subsurface Services and Utilities

The Phase I Property is undeveloped. There are no known underground services or utilities on-site. It is our understanding that the property will be serviced for residential use upon development.

Fuels and Chemical Storage

No fuels or chemicals are stored at the Phase I Property.

Unidentified Substances

No unidentified substances were noted on the Phase I Property at the time of the site visit.

Current or Former Rail or Spur Lines

No evidence of existing former rail or spur lines was observed on the Phase I Property at the time of the site visit.

Waste Management

Waste is not currently generated on the Phase I Property.

Groundwater Monitoring Wells

At the time of the site inspection, three monitoring wells were observed on the property addressed 4497B O'Keefe Court. These are consistent with the wells BH6-24, BH7-24, and BH8-24 which were installed in 2024 for long term groundwater monitoring in anticipation of future development needs.

One monitoring well was observed on the property addressed 4497A O'Keefe Court. This well was located within the area of fill placement. The well did not have an observable identification number and a digital record of this well could not be located.

Two monitoring wells were observed offsite at 4497 O'Keefe Court. One of these wells was registered with the ministry and was installed for domestic purposes. A digital record could not be located for the other well.

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: Highway 416 followed by vacant treed land and Stoney Swamp;
- South: Lytle Park and vacant treed land followed by O'Keefe Court and Fallowfield Road;
- East: Residential dwellings and Cedarhill Golf Course followed by Cedarview Road and vacant farmland;
- West: Highway 416 followed by commercial and industrial properties including car dealerships, a construction company, towing yard, and a Hydro Ottawa yard;

There are multiple land uses within the Phase I Study Area including residential land use east of the Phase I Property, commercial and industrial businesses to the west and parkland south of the Phase I Property.

A monitoring well was observed on a neighbouring property approximately 100m south of the Phase I Property at 4497 O'Keefe Court. No disturbed soil, or abundant debris were observed on the properties in the immediate vicinity of the Phase I Property.

A PCA was identified for the portion of Highway 416 lying directly west of the Phase I Property. This PCA was the result of potential road salt impacts along Highway 416, however, this activity does not pose a risk to the Phase I Property.

Additional PCAs are noted west of the Phase I property, across Highway 416. These potentially contaminating activities are considered sufficiently far from the Phase I Property that they do not pose a risk.

Surrounding land use and PCAs are shown on Drawing PE6605-2 – Surrounding Land Use Plan (SLUP). Those PCAs not considered to result in APECs on the Phase I Property are presented in green, while PCAs considered to result in APECs are presented in red.

Site features are presented on Drawing PE6605-1 – Site Plan, provided in the Figures section following the text.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

The Phase I Property has always been vacant, undeveloped land, likely used for agricultural purposes until the early 1960's where a portion was used as a quarry and a concrete plant for approximately 5 years. The site has been vacant and unutilized since.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

Based on the findings of the Phase I ESA, two potentially contaminating activities (PCAs) were identified on the Phase I Property. The first of these activities pertains to the importation of fill material onto the west side of the Phase I Property in the 1990s. Between 1991 and 2001 the Phase I property belonged to the department of transportation. Within this same time period the construction of Highway 416 was ongoing. It is believed that the fill material was the byproduct of the construction of Highway 416. This PCA is considered to result in an Area of Potential Environmental Concern on the Phase I Property.

The second onsite PCA pertains to the historical operation of a concrete plant on the west side of 4497B O'Keefe Court. This PCA is also considered to result in an APEC on the Phase I Property.

Eight off-site PCAs were identified within the Phase I Study Area. PCA No.3 pertains to salt impacts resulting from the application of road salt on Highway 416. This activity is not considered to case and APEC on the Phase I Property.

The fourth PCA pertains to waste generation associated with the operation of a FedEx trucking warehouse at 985 Moodie Drive. Based on significant separation distance this PCA is not considered to pose an environmental risk for the Phase I Property.

PCA No.5 pertains to the generation of waste oils and lubricants at 995 Moodie Drive associated with a commercial landscaping company. Based on significant separation distance this PCA is not considered to pose an environmental risk for the Phase I Property.

PCA No. 6 pertains to the bulk storage of pool chemicals at 999 Moodie Drive associated with the operation of a commercial swimming pool supply store. Based on significant separation distance this PCA is not considered to pose an environmental risk for the Phase I Property.

PCAs No.7, No.8, and No.9 all pertain to Hydro Ottawa operations a 201 Dibblee Road. The first is related to wastes from the use of pigments, coating and paints. The second is related to transformer storage on the aforementioned property and the third is related to the generation of alkaline solution, oil, sludge, slurry and solid waste. Based on significant separation distance these PCAs are not considered to pose an environmental risk for the Phase I Property.

The final PCA pertains to the operation of service garages for commercial car dealerships located at 510, 520, and 530 Motor Works Private. Based on significant separation distance this PCA is not considered to pose an environmental risk for the Phase I Property.

Site features and surrounding land use can be seen on Drawing PE6605-1 – Site Plan and Drawing PE6605-2 – Surrounding Land Use, respectively.

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

Based on information from the Geological Survey of Canada, bedrock beneath the Phase I Property consists of sandstone and dolostone of the March Formation. It was reported that surficial soils consist of organic deposits, Paleozoic rock, till and offshore marine sediment overburden soils. Hydrogeological conditions are considered to mimic the overland flow direction; as a result, groundwater is expected to flow south towards the Jock River.

Fill Placement

Based on the historical use of the Phase I ESA Property as agricultural land, fill material is not likely present on the majority of the Phase I ESA Property. However, aerial imagery suggests that a significant volume of fill material was deposited on the west portion of the site between 1991 and 1999. This fill is considered to result in an Area of Potential Environmental Concern on the Phase I Property.

Areas of Natural Significance

One area of natural significance was identified within the Phase I Study Area. A small portion of Stony Swamp falls within the Phase I Study Area immediately to the north of the Phase I Property.

Water Bodies

Miron quarry and Beaver Pond are two water bodies identified within the Phase I Property. These hydrologically connected water bodies both drain through outlet

channels to the south, ultimately to the Jock River. No other natural water bodies were identified in the Phase I Study Area.

Drinking Water Wells

Five well records were identified in the ERIS report as being located on the Phase I Property and providing drinking water. None of these wells appear to be in active use. Nineteen drinking water well records were identified in the ERIS report as being within 250m of the Phase I Property, some of which appear to be in use. Three records of observation wells were identified within the Phase I Study Area, each of which was converted from a previously existing livestock water supply well.

Existing Buildings and Structures

There are no buildings or structures present on the Phase I ESA Property.

Subsurface Structures and Utilities

The Phase I Property is not municipally serviced. There are no underground utilities and/or structures on the Phase I Property.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area consists of residential, agricultural, commercial, industrial and parkland. Surrounding land use is shown on Drawing PE6605-2 – Surrounding Land Use Plan, attached.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

Two PCAs were identified on the Phase I Property, both of which are considered to result in APECs. Eight off-site PCAs were identified within the Phase I Study Area; none of which are considered to have resulted in an APEC on the Phase I Property, as presented in the table below.

Table 1: Areas of Potential Environmental Concern

| Area of potential environmental concern | Location of area of potential environmental concern on phase one property | Potentially contaminating activity | Location of PCA (on-site or off-site) | Contaminants of potential concern | Media potentially impacted (Groundwater, soil and/or sediment) |
|--|---|---|---------------------------------------|-----------------------------------|--|
| APEC 1 (Fill Material Imported in the 1990s) | Northwestern portion of the property addressed 4497 A O'Keefe Court. | PCA 30: Importation of Fill Material of Unknown Quality | On-Site | PHCs (F1-F4) Metals, PAHs | Soil |
| APEC 2 (Former Concrete Plant) | Western portion of the property addressed 4497 B O'Keefe Court | PCA 12: Concrete, Cement and Lime Manufacturing | On-Site | BTEX, PHCs, Metals | Soil and / or Groundwater |

Off-site PCAs not considered to result in APECs on the Phase I Property include the following:

- ID #3 – PCA 48: Salt Manufacturing, Processing and Bulk Storage Associated with Road Salt Application to Highway 416.
- ID #4 – PCA 11: Commercial Trucking and Container Terminals Associated with the FedEx Trucking and Warehouse Operating at 985 Moodie Drive Resulting in the Generation of Oil Skimming's and Sludges, Inorganic Chemicals and Organic Chemicals.
- ID #5 – PCA N/A: Operations resulting in the generation of waste oils and lubricants associated with a landscaping contractors' yard at 995 Moodie Drive.
- ID #6 – PCA 8: Chemical Manufacturing, Processing and Bulk Storage associated with a commercial swimming pool supply store located at 999 Moodie Drive.
- ID #7 – PCA 39: Paints Manufacturing, Processing and Bulk Storage associated with Hydro Ottawa operations at 201 Dibblee Road.
- ID #8 – PCA 55: Transformer Manufacturing, Processing and Use associated with Hydro Ottawa transformer storage at 201 Dibblee Road.
- ID #9 – PCA N/A: Operations resulting in the generation of oils/sludges, alkaline solutions and other inorganic sludge, slurry, and solid waste associated with Hydro Ottawa operations at 201 Dibblee Road.
- ID #10 – PCA 52: Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems associated with the operation of car dealerships and service garages at 510, 520, and 530 Motor Works Private.

As previously discussed, these PCAs are not considered to result in APECs on the Phase I Property based on separation distance, orientation relative to groundwater flow direction, nature of the activity, and/or low mobility of associated contaminants of potential concern (CPCs).

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I is considered to be sufficient to conclude that there are two PCAs that have resulted in two APECs on the Phase I Property.

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 Mattamy Corporation to conduct a Phase I Environmental Site Assessment (ESA) for the properties addressed 4497A and 4497B O'Keefe Court in Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the Phase I Property and the Phase I Study Area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical research, the Phase I ESA Property has historically been used for agricultural purposes, with a small portion utilized for aggregate extraction between approximately 1960 and 1968. The Phase I Property has never been developed and exists as vacant, partially treed land. Two (2) historical potentially contaminating activities (PCAs) were identified on the Phase I Property, which are considered to have resulted APECs on the Phase I Property. The first is the historical operation of a concrete plant and the second is the placement of fill of unknown quality which is suspected to be the result of the Ministry of Transportations construction of Highway 416.

The historical use of the surrounding lands consisted of primarily agricultural with some residential, and more recently, industrial land use. No potentially contaminating activities were identified with respect to the historical use of the surrounding lands.

Following the historical research, a site visit was conducted. The Phase I ESA Property is currently vacant, undeveloped land. The ground surface is covered with a combination of low-lying vegetation and forest. No additional PCAs were observed on the Phase I Property at the time of the site visit, however, evidence of the two aforementioned PCAs on the Phase I Property was observed.

Neighbouring land use in the Phase I Study Area is primarily residential with some commercial, industrial, and parkland use. Seven existing off-site PCAs were identified within the Phase I Study Area, all of which were west of Highway 416. Based on separation distance, none of these PCAs were considered to pose an environmental risk for the Phase I Property.

8.2 Recommendations

Based on our findings of the assessment, it is our opinion that **a Phase II Environmental Site Assessment is required for the Phase I Property.**

9.0 STATEMENT OF LIMITATIONS

This Phase I Environmental Site Assessment report has been prepared under the supervision of a Qualified Person, in general accordance with O.Reg. 153/04, as amended, and CSA Z768-01 (R2022). 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 Mattamy Corporation. Permission and notification from the above noted party and Paterson will be required to release this report to any other party.

Paterson Group Inc.



Mark Bujaki, B.Sc., MBA



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



August 19, 2024

Report Distribution:

- Mattamy Corporation
- 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.

Provincial Records

MECP Freedom of Information and Privacy Office.

MECP Municipal Coal Gasification Plant Site Inventory, 1991.

MECP document titled “Waste Disposal Site Inventory in Ontario”.

MECP Brownfields Environmental Site Registry.

Office of Technical Standards and Safety Authority, Fuels Safety Branch.

MNR Areas of Natural Significance.

MECP Water Well Record Inventory.

Chapman, L.J., and Putnam, D.F., 1984: ‘The Physiography of Southern Ontario, Third Edition’, Ontario Geological Survey Special Volume 2.

PCB Waste Storage Site Inventory.

Municipal Records

City of Ottawa Document “Old Landfill Management Strategy, Phase I - Identification of Sites.”, prepared by Golder Associates, 2004.

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, dated June 11, 2024

ERIS Report, dated June 20, 2024

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE6605-1 – SITE PLAN

DRAWING PE6605-2 – SURROUNDING LAND USE PLAN



FIGURE 1
KEY PLAN

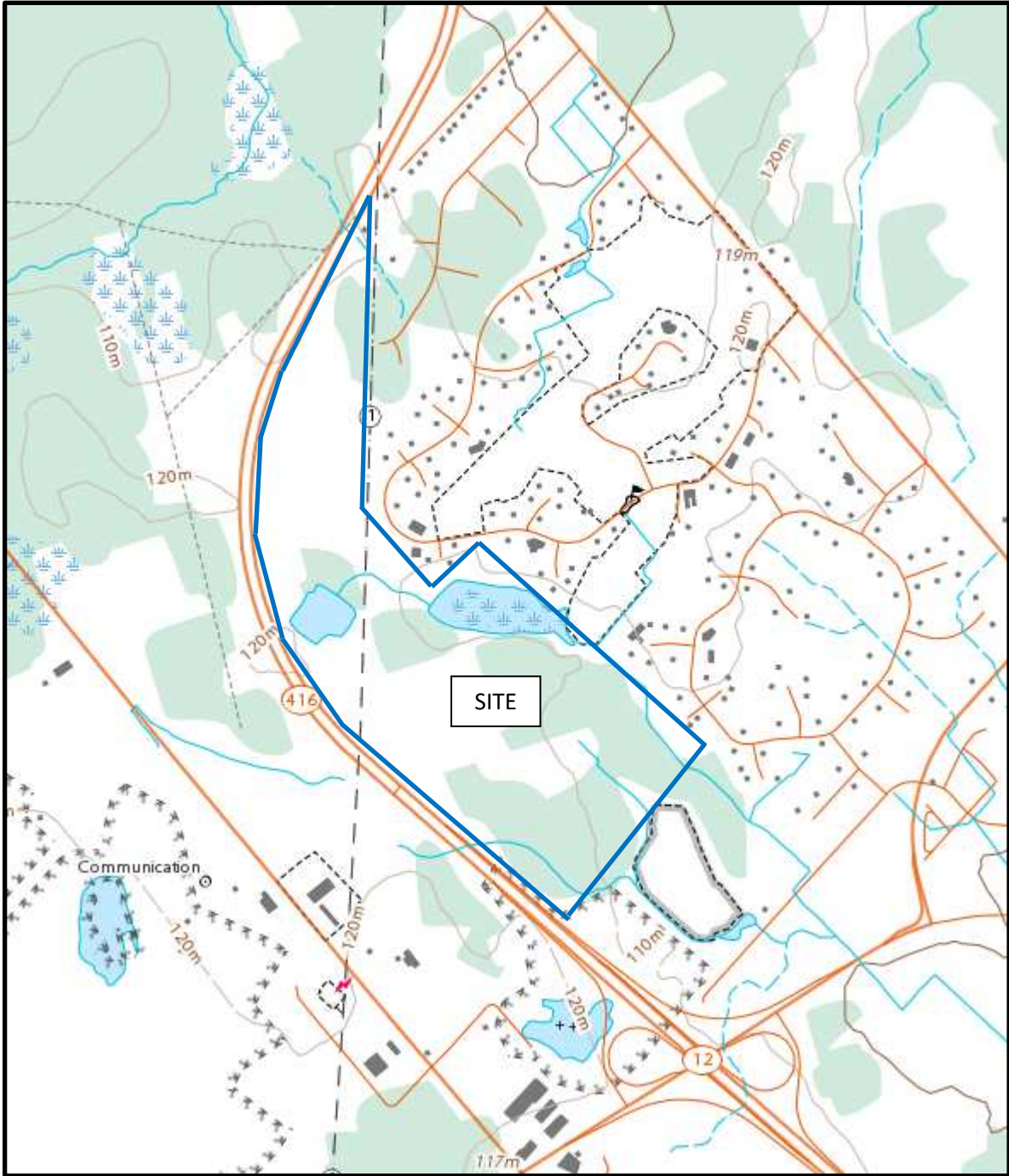
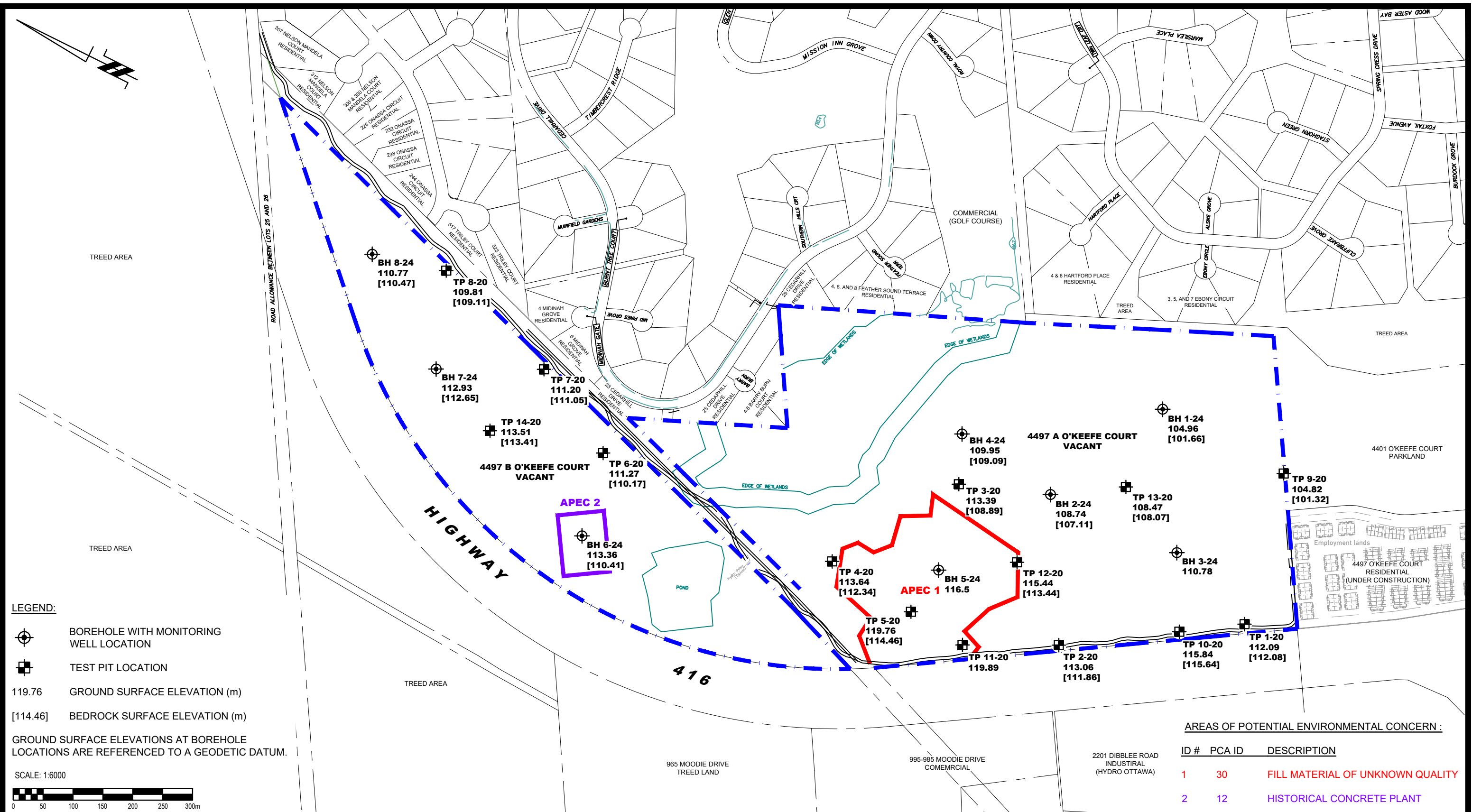


FIGURE 2
TOPOGRAPHIC MAP



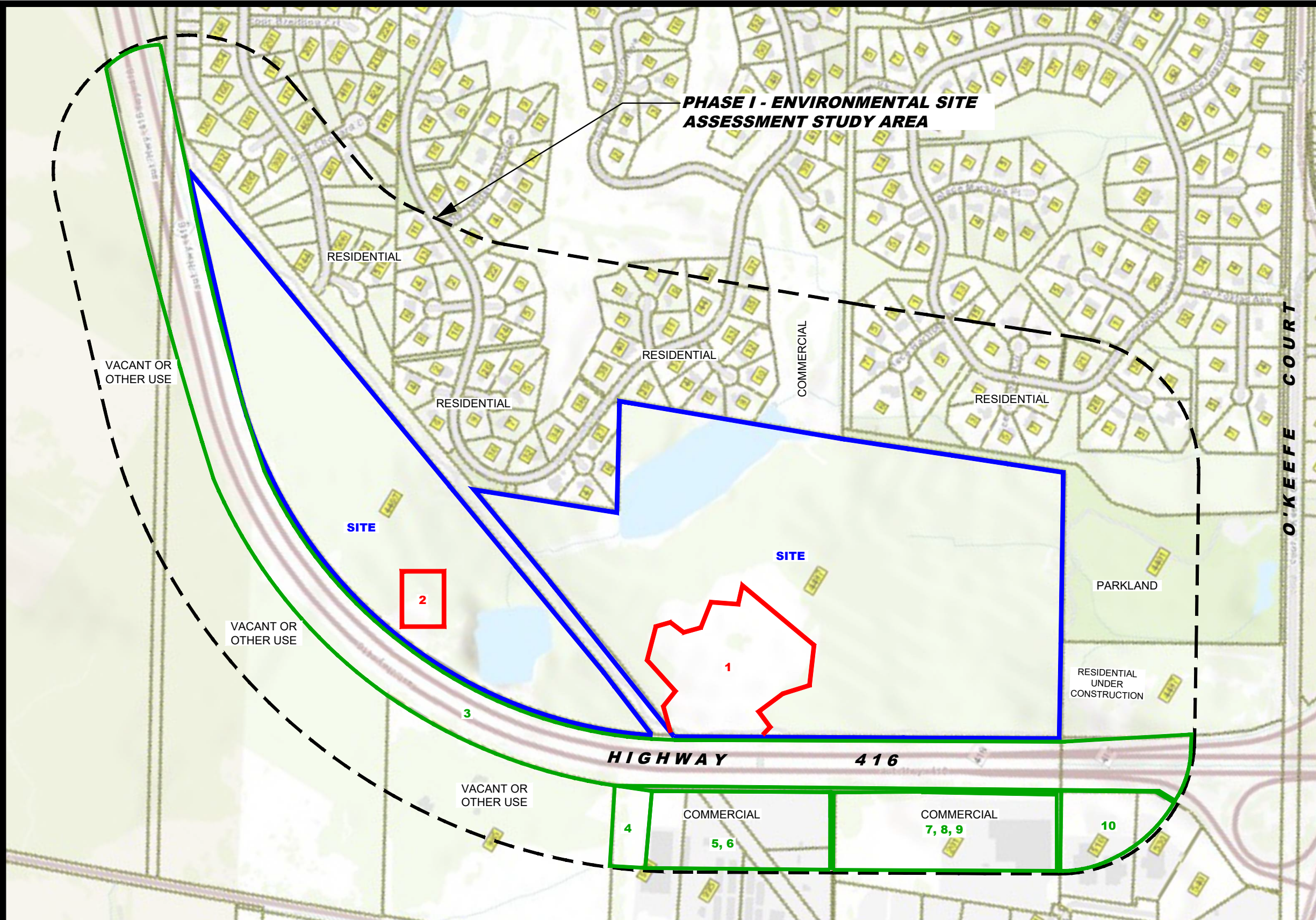
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MATTAMY CORPORATION
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
4497A AND 4497B O'KEEFE COURT

OTTAWA, ONTARIO

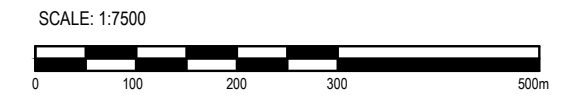
SITE PLAN

| | | | |
|--------------|--------|---------------|-----------------|
| Scale: | 1:6000 | Date: | 06/2024 |
| Drawn by: | YA | Report No.: | PE6605-1 |
| Checked by: | MB | Dwg. No.: | PE6605-1 |
| Approved by: | MSD | Revision No.: | |



POTENTIALLY CONTAMINATING ACTIVITIES :

| ID # | PCA ID | DESCRIPTION |
|------|--------|---|
| 1 | 30 | IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY ASSOCIATED WITH AN AREA OF FILL ON THE WEST PORTION OF THE SITE. |
| 2 | 12 | CONCRETE, CEMENT AND LIME MANUFACTURING ASSOCIATED WITH A SUSPECTED CONCRETE PLANT. |
| 3 | 48 | SALT MANUFACTURING, PROCESSING AND BULK STORAGE ASSOCIATED WITH ROAD SALT APPLICATION TO HIGHWAY 416. |
| 4 | 11 | COMMERCIAL TRUCKING AND CONTAINER TERMINALS ASSOCIATED WITH THE FED EX TRUCKING AND WAREHOUSE OPERATING AT 985 MOODIE DRIVE RESULTING IN THE GENERATION OF OIL SKIMMINGS AND SLUDGES, INORGANIC CHEMICALS AND ORGANIC CHEMICALS. |
| 5 | N/A | STORAGE, MAINTENANCE, FUELING AND REPAIR OF EQUIPMENT, VEHICLES, AND MATERIAL USED TO MAINTAIN TRANSPORTATION SYSTEMS ASSOCIATED WITH A LANDSCAPING CONTRACTORS YARD PRODUCING WASTE OILS AND LUBRICANTS AT 995 MOODIE DRIVE. |
| 6 | 8 | CHEMICAL MANUFACTURING, PROCESSING AND BULK STORAGE ASSOCIATED WITH A COMMERCIAL SWIMMING POOL SUPPLY STORE LOCATED AT 999 MOODIE DRIVE. |
| 7 | 39 | PAINTS MANUFACTURING, PROCESSING AND BULK STORAGE ASSOCIATED WITH HYDRO OTTAWA OPERATIONS AT 201 DIBBLEE ROAD. |
| 8 | 55 | TRANSFORMER MANUFACTURING, PROCESSING AND USE ASSOCIATED WITH HYDRO OTTAWA TRANSFORMER STORAGE AT 201 DIBBLEE ROAD. |
| 9 | N/A | STORAGE, MAINTENANCE, FUELING AND REPAIR OF EQUIPMENT, VEHICLES, AND MATERIAL USED TO MAINTAIN TRANSPORTATION SYSTEMS ASSOCIATED WITH HYDRO OTTAWA OPERATIONS AT 201 DIBBLEE ROAD RESULTING IN THE PRODUCTION OF ALKALINE SOLUTIONS CONTAINING HEAVY METALS, WASTE OILS/SLUDGES, WASTE COMPRESSED GASSES AND OTHER INORGANIC SLUDGES, SLURRIES OR SOLIDS. |
| 10 | 52 | STORAGE, MAINTENANCE, FUELING AND REPAIR OF EQUIPMENT, VEHICLES, AND MATERIAL USED TO MAINTAIN TRANSPORTATION SYSTEMS ASSOCIATED WITH THE OPERATION OF CAR DEALERSHIPS AND SERVICE GARAGES AT 510, 520, AND 530 MOTOR WORKS PRIVATE |



9 AURIGA DRIVE
OTTAWA, ON
K2E 7T9
TEL: (613) 226-7381

| NO. | REVISIONS | DATE | INITIAL |
|-----|-----------|------|---------|
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MATTAMY CORPORATION
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
 4497A AND 4497B O'KEEFE COURT
 OTTAWA, ONTARIO
SURROUNDING LAND USE PLAN

| | | | |
|--------------|--------|---------------|-----------------|
| Scale: | 1:7500 | Date: | 07/2024 |
| Drawn by: | GK | Report No.: | PE6605-1 |
| Checked by: | MB | Dwg. No.: | PE6605-2 |
| Approved by: | MSD | Revision No.: | |

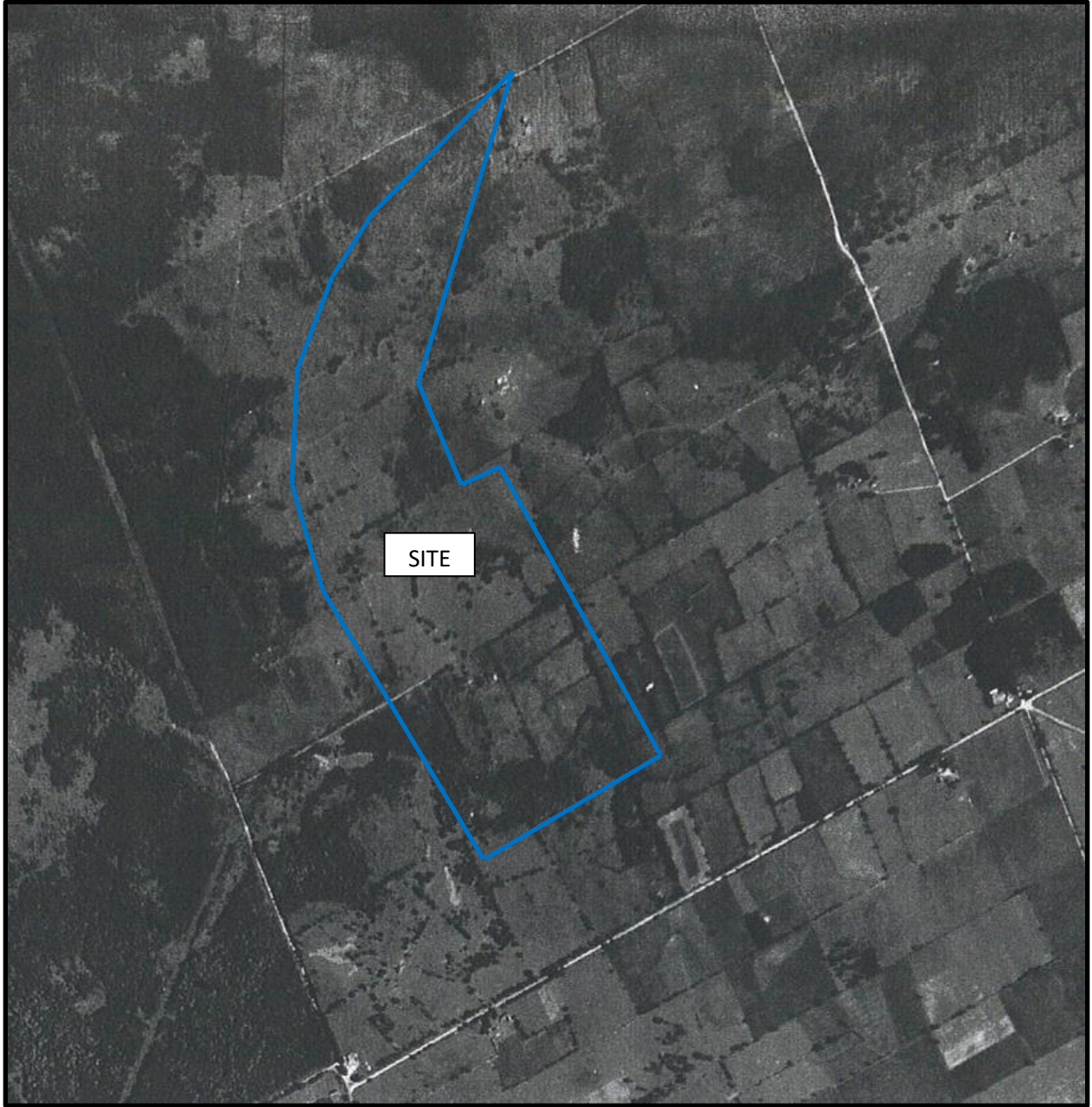
APPENDIX 1

AERIAL PHOTOGRAPHS

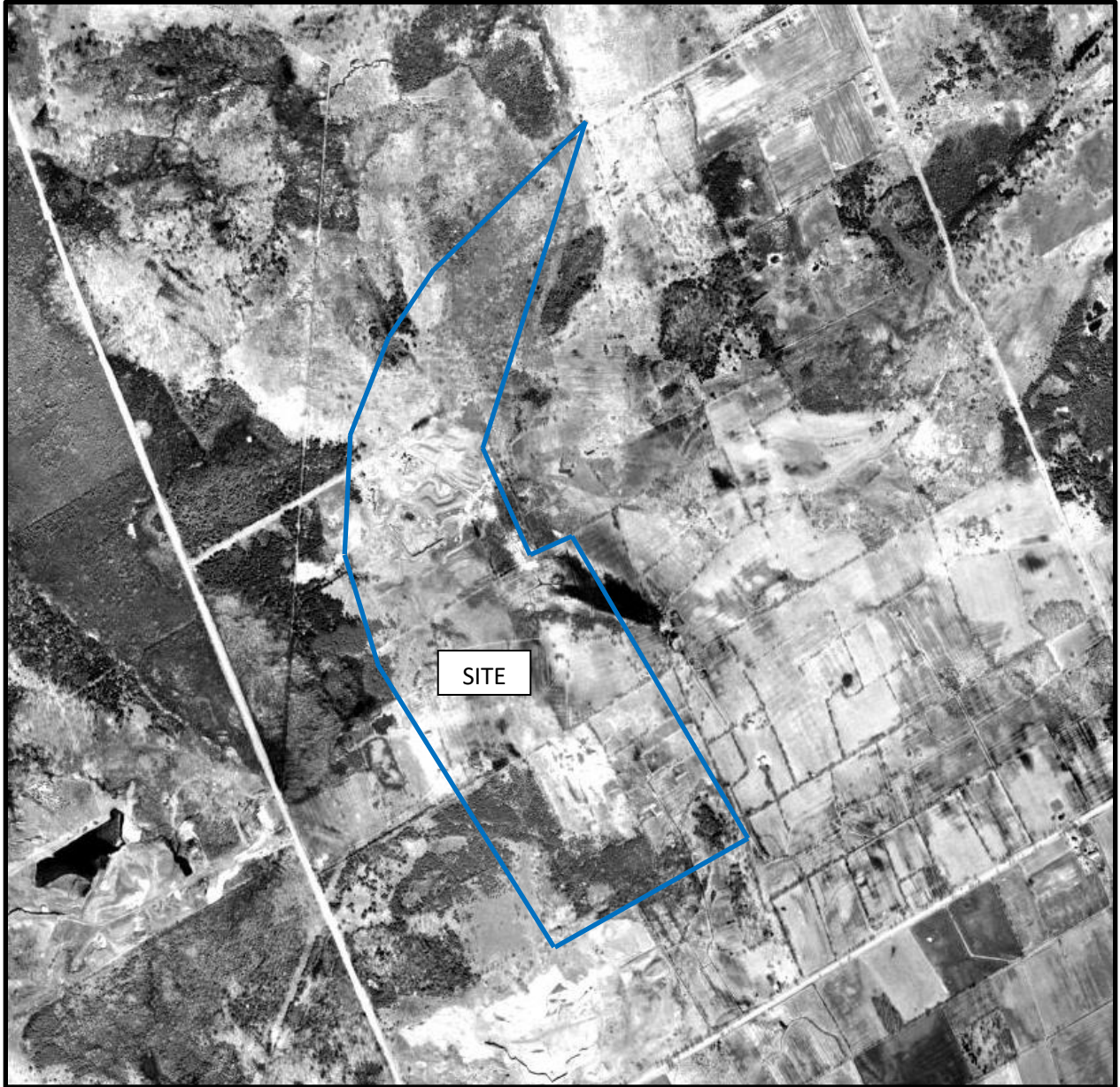
SITE PHOTOGRAPHS



AERIAL PHOTOGRAPH
1945



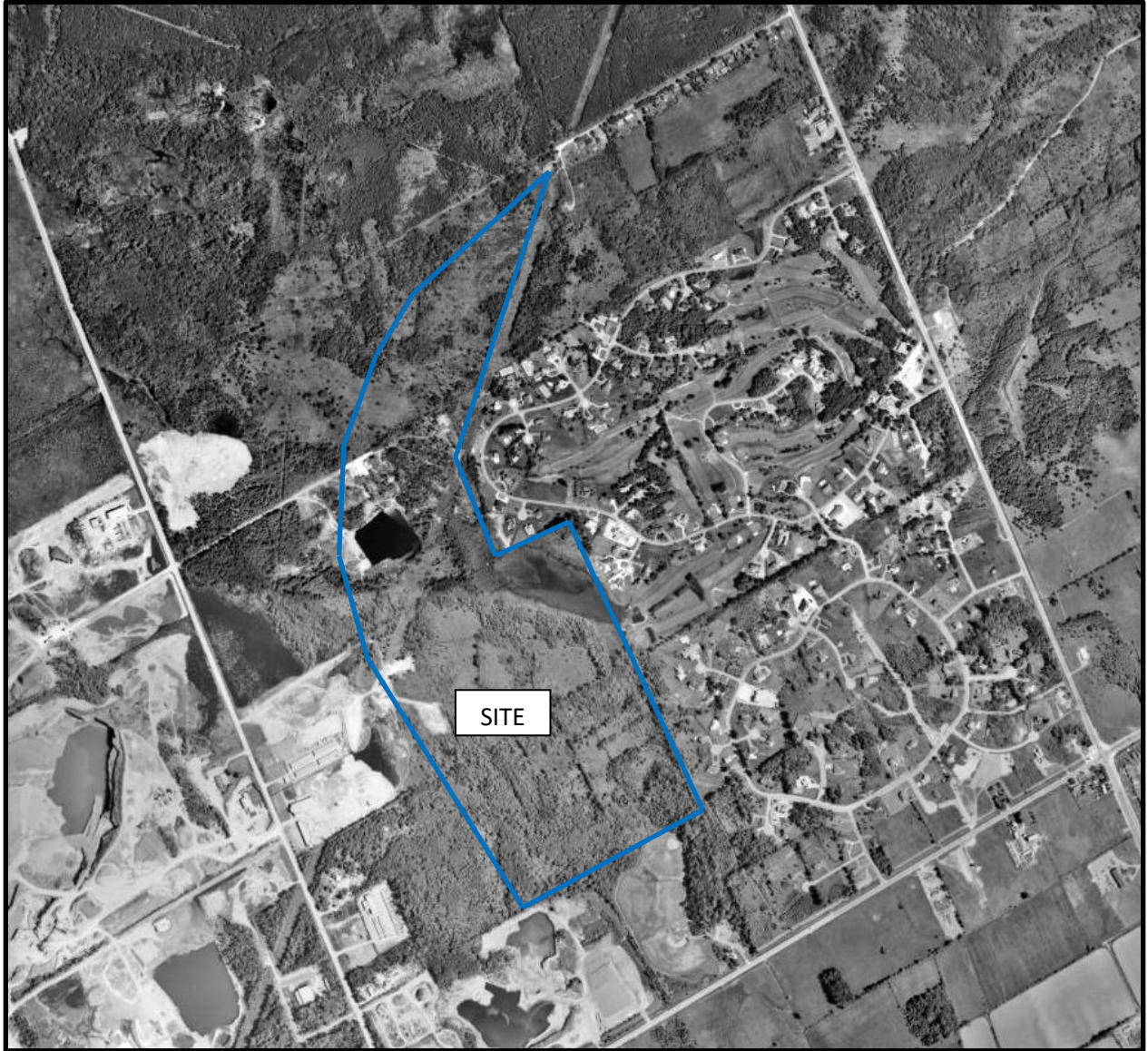
AERIAL PHOTOGRAPH
1955



AERIAL PHOTOGRAPH
1965



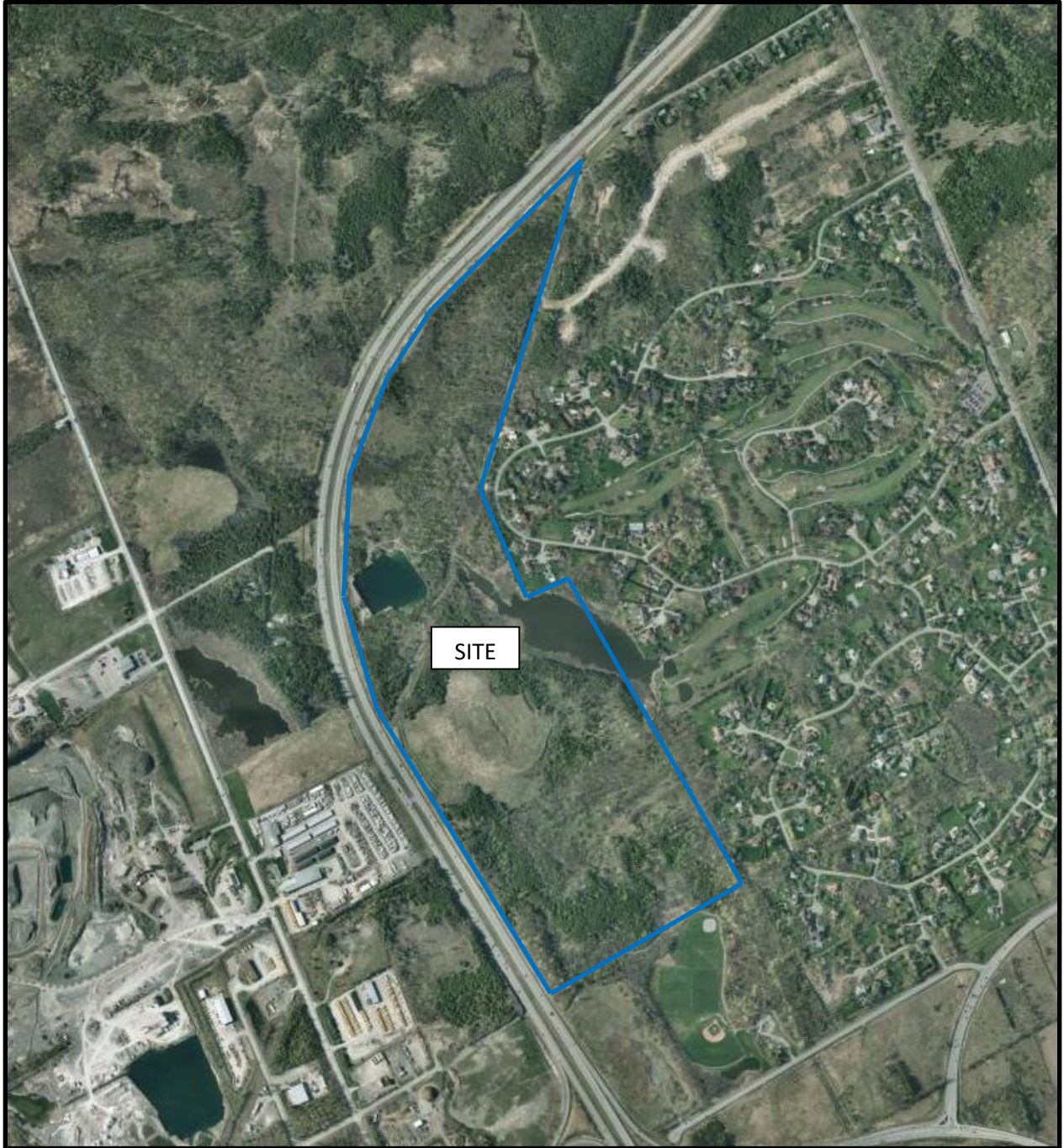
AERIAL PHOTOGRAPH
1976



AERIAL PHOTOGRAPH
1991



AERIAL PHOTOGRAPH
2002



AERIAL PHOTOGRAPH
2011



AERIAL PHOTOGRAPH
2022

Site Photographs

PE6605

4497A & 4497B O'Keefe Court, Ottawa ON

June 17, 2024



Photograph 1: View looking east at APEC 1 from 4497A O'Keefe Court.



Photograph 2: View looking south along the west edge of the Phase I Property from the hydroelectric easement.

Site Photographs

PE6605

4497A & 4497B O'Keefe Court, Ottawa ON

June 17, 2024



Photograph 3: View looking north at 4497A O'Keefe Court from 4497 A O'Keefe Court.



Photograph 4: View looking south, at BH6-24 and the Historical Location of APEC 2 from 4497B O'Keefe Court.

Site Photographs

PE6605

4497A & 4497B O'Keefe Court, Ottawa ON

June 17, 2024



Photograph 5: View looking southwest at 4497B O'Keefe Court from the Phase I Property.



Photograph 6: View looking east across the inactive quarry, from the Phase I Property.

APPENDIX 2

TSSA CORRESPONDANCE

MECP WELL RECORDS

MECP FREEDOM OF INFORMATION

CITY OF OTTAWA HLUI

ERIS REPORTS

Mark Bujaki

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: June 19, 2024 2:21 PM
To: Mark Bujaki
Subject: RE: PE6605 - Records Search Request

RECORD FOUND IN CURRENT DATABASE

Hello,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are records in our current database of any fuel storage tanks at the subject address(es).

| Inventory Number | Address | City | Province | Postal Code | Reason Code | Asset Type / Inventory Item |
|------------------|---------------|--------|----------|-------------|-------------|-----------------------------|
| 64589042 | 995 MOODIE DR | OTTAWA | ON | K2R 1H4 | Active | FS APPLIANCE |

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

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

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

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

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

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

Kind regards,



Kimberly Gage | Public Information & Records Agent

Public Information
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1 416-734-3348 | Fax: +1 416-734-3568 | E-Mail: kgage@tssa.org
www.tssa.org





Winner of 2024 5-Star Safety Cultures Award

From: Mark Bujaki <mbujaki@Patersongroup.ca>
Sent: Wednesday, June 19, 2024 1:17 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: PE6605 - Records Search Request

[CAUTION]: This email originated outside the organisation.
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good Afternoon,

Could you please complete a search of your records for underground/aboveground storage tanks, historical spills, or other incidents/infractions for the following addresses located in Ottawa, Ontario:

4401 O'Keefe Court
4497 O'Keefe Court
4497 A O'Keefe Court
4497 B O'Keefe Court

201 Dibblee Road

510 Motor Works Priv

965 Moodie Drive
985 Moodie Drive
995 Moodie Drive
999 Moodie Drive

Thank you very much,



MARK BUJAKI
Junior Environmental
Scientist
Environmental Division
TEL: (613) 226-7381 ext. 335
DIRECT: (613) 696-9651
9 AURIGA DRIVE
OTTAWA ON K2E 7T9
patersongroup.ca

TEMPORARY SHORING DESIGN SERVICES ARE NOW AVAILABLE, PLEASE CONTACT US TO SEE HOW WE CAN HELP!

NEW OFFICE OPEN IN THE GREATER TORONTO AREA WITH OUR EXPANSIVE LIST OF SERVICES NOW AVAILABLE!

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

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11 1527561 MUNICIPAL 15008 CON. CON 04

| | | | |
|--|---|--|------------------------|
| COUNTY OR DISTRICT Ottawa Carleton | TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE Nepean | CON. BLOCK TRACT, SURVEY ETC 4 | LOT 25-27 22 |
| ADDRESS 1454 Spartan Grove Greely, Ontario K0A 1Z0 | | DATE COMPLETED 48-53 DAY 7 MO 10 YR 93 | |
| ZONE EXISTING | | NORTHING RC. ELEVATION RC. BASIN CODE II III IV | |

| LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS) | | | | | |
|--|----------------------|-----------------|---------------------|--------------|----|
| GENERAL COLOUR | MOST COMMON MATERIAL | OTHER MATERIALS | GENERAL DESCRIPTION | DEPTH - FEET | |
| | | | | FROM | TO |
| Brown | Soil | Broken Rock | Layered | 0 | 13 |
| Gray & White | Sandstone | | Hard | 13 | 98 |
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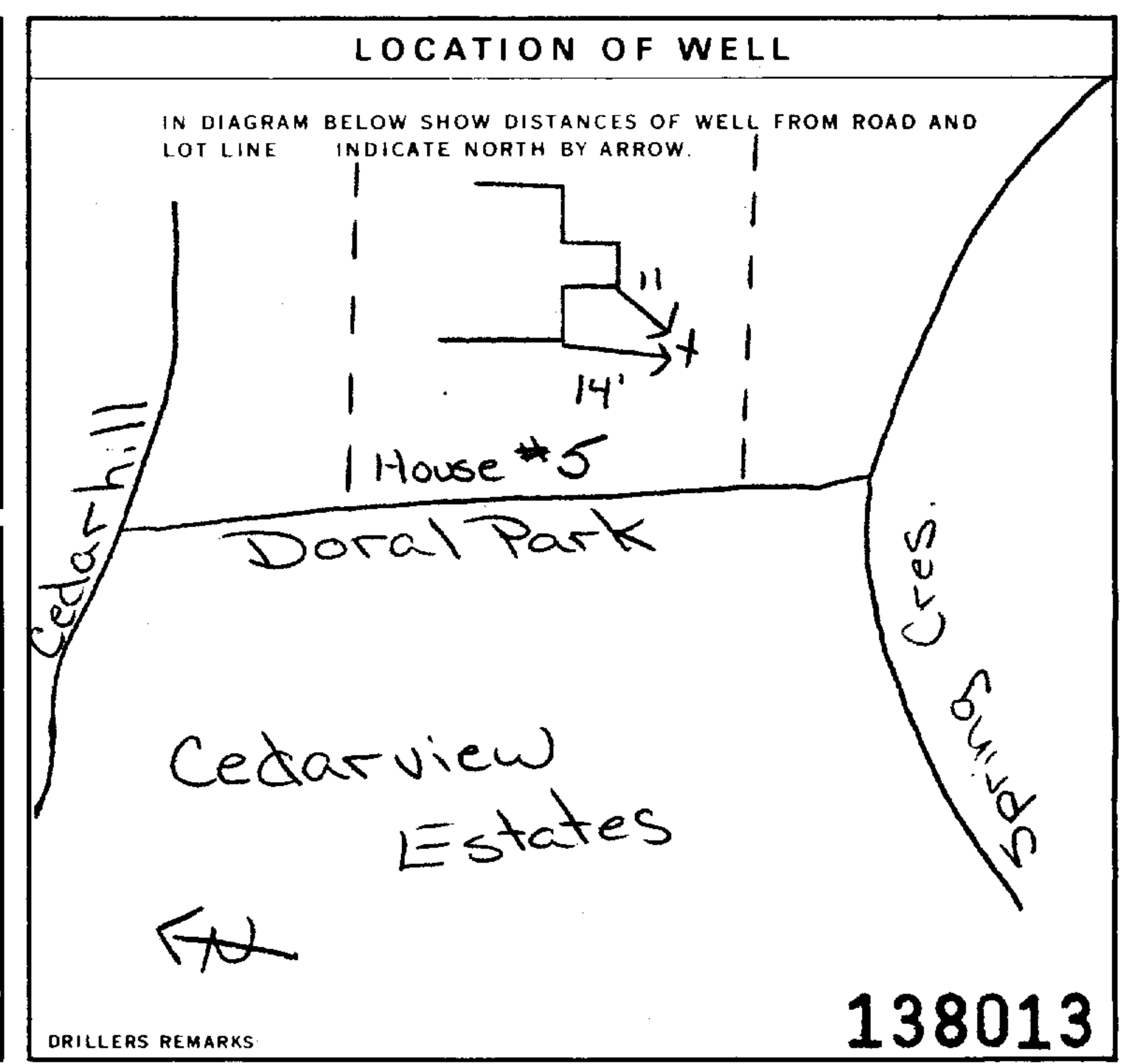
| | | | |
|----|----|----|----|
| 31 | 32 | 41 | 51 |
|----|----|----|----|

| WATER RECORD | |
|-----------------------|--|
| WATER FOUND AT - FEET | KIND OF WATER |
| 10-13 | 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |
| 65 | 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |
| 15-18 | 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |
| 85 | 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |
| 20-23 | NOT TESTED |
| 25-28 | 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |
| 30-33 | 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |

| CASING & OPEN HOLE RECORD | | | | |
|---------------------------|--|-----------------------|--------------|----|
| INSIDE DIAM INCHES | MATERIAL | WALL THICKNESS INCHES | DEPTH - FEET | |
| | | | FROM | TO |
| 6 1/4 | 1 <input checked="" type="checkbox"/> STEEL 2 <input checked="" type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | .188 | 0 | 26 |
| 6 | 1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | | 26 | 73 |
| 5 7/8 | 1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | | 73 | 98 |

| SCREEN | | PLUGGING & SEALING RECORD | |
|-------------------------------|-----------------|---------------------------|--|
| SIZE(S) OF OPENING (SLOT NO.) | DIAMETER INCHES | DEPTH SET AT - FEET | MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.) |
| | | FROM | TO |
| | | 10-13 | 14-17 |
| | | 22 | 0 |
| | | 18-21 | 22-25 |
| | | 26-29 | 30-33 |
| | | | Grouted Cement (4) |

| PUMPING TEST | | | | | |
|--|----------------------------|---|---------------------|------------|------------|
| PUMPING TEST METHOD | PUMPING RATE | DURATION OF PUMPING | WATER LEVELS DURING | | |
| 1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER | 30 GPM | 1 15-16 HOURS 17-18 MINS | 15 MINUTES | 30 MINUTES | 45 MINUTES |
| STATIC LEVEL | WATER LEVEL END OF PUMPING | | 26-28 | 29-31 | 32-34 |
| 9 FEET | 25 FEET | | 11 FEET | 9 FEET | 9 FEET |
| IF FLOWING, GIVE RATE | PUMP INTAKE SET AT | WATER AT END OF TEST | | | |
| | 25 GPM | 1 <input type="checkbox"/> CLEAR 2 <input checked="" type="checkbox"/> CLOUDY | | | |
| RECOMMENDED PUMP TYPE | RECOMMENDED PUMP SETTING | RECOMMENDED PUMPING RATE | | | |
| <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP | 50 FEET | 5 GPM | | | |



| FINAL STATUS OF WELL | 1 <input checked="" type="checkbox"/> WATER SUPPLY 2 <input type="checkbox"/> OBSERVATION WELL 3 <input type="checkbox"/> TEST HOLE 4 <input type="checkbox"/> RECHARGE WELL 5 <input type="checkbox"/> ABANDONED, INSUFFICIENT SUPPLY 6 <input type="checkbox"/> ABANDONED POOR QUALITY 7 <input type="checkbox"/> UNFINISHED 8 <input type="checkbox"/> DEWATERING |
|------------------------|--|
| WATER USE | 1 <input checked="" type="checkbox"/> DOMESTIC 2 <input type="checkbox"/> STOCK 3 <input type="checkbox"/> IRRIGATION 4 <input type="checkbox"/> INDUSTRIAL 5 <input type="checkbox"/> COMMERCIAL 6 <input type="checkbox"/> MUNICIPAL 7 <input type="checkbox"/> PUBLIC SUPPLY 8 <input type="checkbox"/> COOLING OR AIR CONDITIONING 9 <input type="checkbox"/> NOT USED |
| METHOD OF CONSTRUCTION | 1 <input type="checkbox"/> CABLE TOOL 2 <input type="checkbox"/> ROTARY (CONVENTIONAL) 3 <input type="checkbox"/> ROTARY (REVERSE) 4 <input type="checkbox"/> ROTARY (AIR) 5 <input checked="" type="checkbox"/> AIR PERCUSSION 6 <input type="checkbox"/> BORING 7 <input type="checkbox"/> DIAMOND 8 <input type="checkbox"/> JETTING 9 <input type="checkbox"/> DRIVING 10 <input type="checkbox"/> DIGGING <input type="checkbox"/> OTHER |

| | |
|---|---|
| NAME OF WELL CONTRACTOR Capital Water Supply Ltd. | WELL CONTRACTOR'S LICENCE NUMBER 1558 |
| ADDRESS Box 490 Stittsville, Ontario K2S 1A6 | |
| NAME OF WELL TECHNICIAN S. Miller/T. Harrison | WELL TECHNICIAN'S LICENCE NUMBER T0097/T2251 |
| SIGNATURE OF TECHNICIAN/CONTRACTOR | SUBMISSION DATE DAY 8 MO 10 YR 93 |

| | | | |
|--------------------|---------------------------|-------------------------------------|-----------|
| DATA SOURCE | CONTRACTOR 1558 | DATE RECEIVED DEC 06 1993 | INSPECTOR |
| DATE OF INSPECTION | | | |
| REMARKS | | | |

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11

1528550

MUNICIPALITY 15008

CON. R.F.

04

COUNTY OR DISTRICT: Coquitla TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: Neyaan CON. BLOCK, TRACT, SURVEY ETC: R.F. Con 4 LOT: 6223
5 Moodie Dr. South Neyaan R2H 7V2 DATE COMPLETED: DAY 1 MO 5 YR 95

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

| GENERAL COLOUR | MOST COMMON MATERIAL | OTHER MATERIALS | GENERAL DESCRIPTION | DEPTH - FEET | |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
| | | | | FROM | TO |
| grey | clay | gravel | | 0 | 40 |
| grey | limestone | | | 40 | 163 |

31
32

41 WATER RECORD

| WATER FOUND AT - FEET | KIND OF WATER | | | | | |
|-----------------------|--------------------------------|--------------------------------|----------------------------------|-----------------------------------|------------------------------|--|
| 10-13 <u>120</u> | Not tested | | | | | |
| 15-18 | <input type="checkbox"/> FRESH | <input type="checkbox"/> SALTY | <input type="checkbox"/> SULPHUR | <input type="checkbox"/> MINERALS | <input type="checkbox"/> GAS | |
| 20-23 | <input type="checkbox"/> FRESH | <input type="checkbox"/> SALTY | <input type="checkbox"/> SULPHUR | <input type="checkbox"/> MINERALS | <input type="checkbox"/> GAS | |
| 25-28 | <input type="checkbox"/> FRESH | <input type="checkbox"/> SALTY | <input type="checkbox"/> SULPHUR | <input type="checkbox"/> MINERALS | <input type="checkbox"/> GAS | |
| 30-33 | <input type="checkbox"/> FRESH | <input type="checkbox"/> SALTY | <input type="checkbox"/> SULPHUR | <input type="checkbox"/> MINERALS | <input type="checkbox"/> GAS | |

51 CASING & OPEN HOLE RECORD

| INSIDE DIAM. INCHES | MATERIAL | WALL THICKNESS INCHES | DEPTH - FEET | |
|---------------------|---|-----------------------|--------------|-----|
| | | | FROM | TO |
| 10-11 <u>65</u> | 1 STEEL 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 5 PLASTIC | <u>.188</u> | 0 | 42 |
| 17-18 <u>6</u> | 1 STEEL 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 5 PLASTIC | | 42 | 163 |
| 24-25 | 1 STEEL 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 5 PLASTIC | | | |

SCREEN

| | | |
|--------------------------------|-----------------------------|-------------|
| SIZE (S) OF OPENING (SLOT NO.) | DIAMETER INCHES | LENGTH FEET |
| | | |
| MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN FEET | |
| | | |

61 PLUGGING & SEALING RECORD

| DEPTH SET AT - FEET | | MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.) |
|---------------------|-------|---|
| FROM | TO | |
| 10-13 | 14-17 | <u>cement grouted</u> |
| 18-21 | 22-25 | |
| 26-29 | 30-33 | |

71 PUMPING TEST

| | | |
|---|---|---|
| PUMPING TEST METHOD: <input checked="" type="checkbox"/> PUMP, <input type="checkbox"/> BAILER | PUMPING RATE: <u>15</u> GPM | DURATION OF PUMPING: <u>1</u> HOURS, <u>0</u> MIN. |
| STATIC LEVEL: <u>10</u> FEET | WATER LEVEL END OF PUMPING: <u>150</u> FEET | WATER LEVELS DURING: |
| | | 15 MINUTES: <u>123</u> FEET, 30 MINUTES: <u>98</u> FEET, 45 MINUTES: <u>75</u> FEET, 60 MINUTES: <u>53</u> FEET |
| IF FLOWING, GIVE RATE: _____ GPM | PUMP INTAKE SET AT: _____ FEET | WATER AT END OF TEST: _____ FEET |
| RECOMMENDED PUMP TYPE: <input type="checkbox"/> SHALLOW, <input checked="" type="checkbox"/> DEEP | RECOMMENDED PUMP SETTING: <u>150</u> FEET | RECOMMENDED PUMPING RATE: <u>3</u> GPM |

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.

137540

FINAL STATUS OF WELL

1 WATER SUPPLY, 2 OBSERVATION WELL, 3 TEST HOLE, 4 RECHARGE WELL, 5 ABANDONED, INSUFFICIENT SUPPLY, 6 ABANDONED POOR QUALITY, 7 UNFINISHED, DEWATERING

WATER USE

1 DOMESTIC, 2 STOCK, 3 IRRIGATION, 4 INDUSTRIAL, 5 COMMERCIAL, 6 MUNICIPAL, 7 PUBLIC SUPPLY, 8 COOLING OR AIR CONDITIONING, 9 NOT USED, OTHER

METHOD OF CONSTRUCTION

1 CABLE TOOL, 2 ROTARY (CONVENTIONAL), 3 ROTARY (REVERSE), 4 ROTARY (AIR), 5 AIR PERCUSSION, 6 BORING, 7 DIAMOND, 8 JETTING, 9 DRIVING, DIGGING, OTHER

CONTRACTOR

NAME OF WELL CONTRACTOR: H. Mains Well Drilling WELL CONTRACTOR'S LICENCE NUMBER: 3044
 ADDRESS: Box 326 Richmond Ont
 NAME OF WELL TECHNICIAN: Henry Mains WELL TECHNICIAN'S LICENCE NUMBER: 7-0004
 SIGNATURE OF TECHNICIAN/CONTRACTOR: [Signature] SUBMISSION DATE: DAY 1 MO 5 YR 95

OFFICE USE ONLY

DATA SOURCE: _____ CONTRACTOR: 3644 DATE RECEIVED: JUL 17 1995
 DATE OF INSPECTION: _____ INSPECTOR: _____
 REMARKS: _____

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

11

1528797

Municipality 15008 Con. CON 04

| | | | |
|--|---|---|--|
| County or District Ottawa Carleton | Township/Borough/City/Town/Village Nepean | Con block tract survey, etc. 4 | Lot 21 |
| Owner's surname [Redacted] | First name [Redacted] | Address c/o Golders Ass. 1796 Courtwood Cres. | |
| Easting Ottawa, Ontario | | RC K2G 2B5 | Date completed 17 day 11 month 95 year |

| LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions) | | | | | |
|--|----------------------|-----------------|---------------------|--------------|-----|
| General colour | Most common material | Other materials | General description | Depth - feet | |
| | | | | From | To |
| Brown | Sandy Soil | Stones | Dry | 0 | 12 |
| Gray | Granite | | Wet | 12 | 13 |
| Gray | Limestone | | Medium Soft | 13 | 106 |
| Gray | Limestone | Coloured Layers | Layered & Fractured | 106 | 173 |

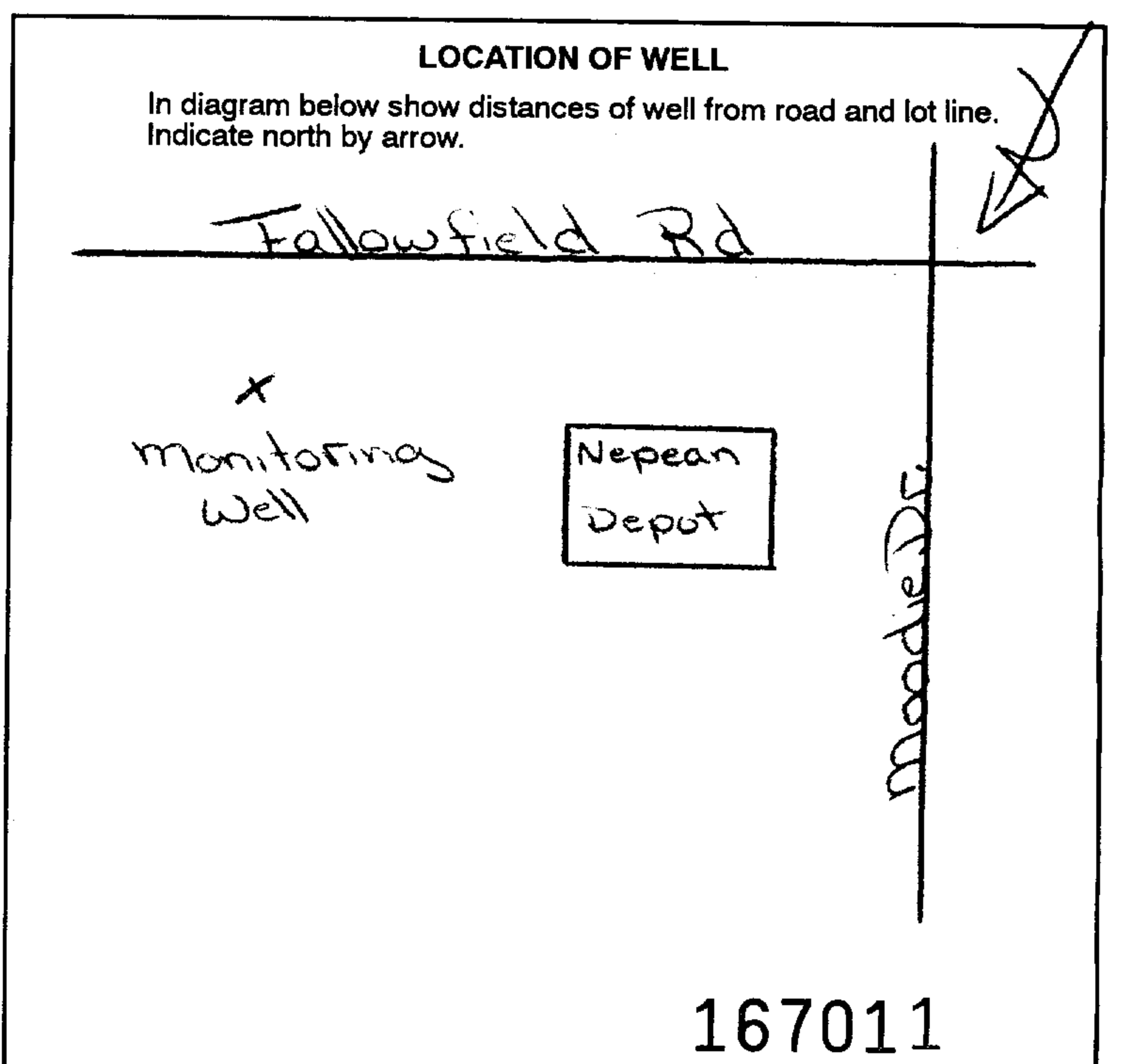
| 41 WATER RECORD | | | |
|-----------------------|--|---|-------|
| Water found at - feet | Kind of water | | |
| 14-25 | <input checked="" type="checkbox"/> Fresh <input checked="" type="checkbox"/> Salty | <input type="checkbox"/> Sulphur <input type="checkbox"/> Minerals <input type="checkbox"/> Gas | 1 GPM |
| 108-118 | <input checked="" type="checkbox"/> Fresh <input checked="" type="checkbox"/> Salty | <input type="checkbox"/> Sulphur <input type="checkbox"/> Minerals <input type="checkbox"/> Gas | 1 GPM |
| 148-173 | <input checked="" type="checkbox"/> Fresh <input checked="" type="checkbox"/> Salty | <input type="checkbox"/> Sulphur <input type="checkbox"/> Minerals <input type="checkbox"/> Gas | 2 GPM |
| NOT TESTED | <input type="checkbox"/> Fresh <input type="checkbox"/> Salty | <input type="checkbox"/> Sulphur <input type="checkbox"/> Minerals <input type="checkbox"/> Gas | |

| 51 CASING & OPEN HOLE RECORD | | | | |
|------------------------------|---|-----------------------|--------------|-----|
| Inside diam inches | Material | Wall thickness inches | Depth - feet | |
| | | | From | To |
| 6 1/4 | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Open hole <input type="checkbox"/> Plastic | .188 | 0 | 14 |
| 6 1/16 | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Open hole <input type="checkbox"/> Plastic | | 14 | 173 |

| SCREEN | Sizes of opening (Slot No.) | Diameter | Length |
|--------|-----------------------------|----------|------------------------|
| | | inches | feet |
| | Material and type | | Depth at top of screen |
| | | | feet |

| 61 PLUGGING & SEALING RECORD | | | |
|---|-------|---|--|
| <input type="checkbox"/> Annular space <input type="checkbox"/> Abandonment | | | |
| Depth set at - feet | | Material and type (Cement grout, bentonite, etc.) | |
| From | To | | |
| 10-13 | 14-17 | | |
| 18-21 | 22-25 | | |
| 26-29 | 30-33 | | |

| 71 PUMPING TEST | |
|--|---|
| Pumping test method <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Bailer | Pumping rate 4 GPM |
| Duration of pumping 1 Hours Mins | |
| Static level 8 feet | Water level end of pumping 170 feet |
| Water levels during <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Recovery | |
| 15 minutes 170 feet | 30 minutes 170 feet |
| 45 minutes 170 feet | 60 minutes 170 feet |
| If flowing give rate GPM | Pump intake set at feet |
| | 160 feet |
| Recommended pump type <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep | Recommended pump setting 4 GPM |



| FINAL STATUS OF WELL | | | |
|--|---|---|--|
| <input type="checkbox"/> Water supply | <input type="checkbox"/> Abandoned, insufficient supply | <input type="checkbox"/> Unfinished | |
| <input type="checkbox"/> Observation well | <input type="checkbox"/> Abandoned, poor quality | <input type="checkbox"/> Replacement well | |
| <input checked="" type="checkbox"/> Test hole Monitor | <input type="checkbox"/> Abandoned (Other) | | |
| <input type="checkbox"/> Recharge well | <input type="checkbox"/> Dewatering | | |

| WATER USE | | | |
|-------------------------------------|---|---|-------------------|
| <input type="checkbox"/> Domestic | <input type="checkbox"/> Commercial | <input type="checkbox"/> Not used | |
| <input type="checkbox"/> Stock | <input type="checkbox"/> Municipal | <input checked="" type="checkbox"/> Other | Monitoring |
| <input type="checkbox"/> Irrigation | <input type="checkbox"/> Public supply | | |
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Cooling & air conditioning | | |

| METHOD OF CONSTRUCTION | | | |
|--|--|----------------------------------|--|
| <input type="checkbox"/> Cable tool | <input checked="" type="checkbox"/> Air percussion | <input type="checkbox"/> Driving | |
| <input type="checkbox"/> Rotary (conventional) | <input type="checkbox"/> Boring | <input type="checkbox"/> Digging | |
| <input type="checkbox"/> Rotary (reverse) | <input type="checkbox"/> Diamond | <input type="checkbox"/> Other | |
| <input type="checkbox"/> Rotary (air) | <input type="checkbox"/> Jetting | | |

| | |
|---|--|
| Name of Well Contractor Capital Water Supply Ltd. | Well Contractor's Licence No. 1558 |
| Address P.O. Box 490 Stittsville, Ontario K2S 1A6 | |
| Name of Well Technician S. Miller | Well Technician's Licence No. T0097 |
| Signature of Technician/Contractor <i>[Signature]</i> | Submission date day 17 mo 11 yr 95 |

| MINISTRY USE ONLY | Data source 1558 | Contractor 1558 | Date received NOV 30 1995 |
|-------------------|----------------------------|---------------------------|-------------------------------------|
| | Date of inspection | Inspector | |
| | Remarks CSS.ES | | |



3195c

GROUND WATER BRANCH
 15 No. 8115
 DEC 7 1962
 ONTARIO WATER RESOURCES COMMISSION

UTM 118 12 14 13 17 15 19 15 E

5 R 15 10 11 15 16 10 N

The Ontario Water Resources Commission Act

Elev. 14 R 03 140

WATER WELL RECORD

Basin 25 CARLETON
County or District

Township, Village, Town or City NEPEAN

Con. # 4 R E Lot # 25

Date completed 30 AUG 1962
(day month year)

Address 83 1/2 MELROSE

Casing and Screen Record

Inside diameter of casing 4"
 Total length of casing 20' 5"
 Type of screen NONE
 Length of screen "
 Depth to top of screen "
 Diameter of finished hole 4"

Pumping Test

Static level 12'
 Test-pumping rate 5 G.P.M.
 Pumping level 12'
 Duration of test pumping 1/2
 Water clear for cloudy at end of test
 Recommended pumping rate 5 G.P.M.
 with pump setting of 30' feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record

DARK SANDY SOIL WITH BOULDERS
SANDSTONE

| From ft. | To ft. | Depth(s) at which water(s) found | Kind of water (fresh, salty, sulphur) |
|----------|--------|----------------------------------|---------------------------------------|
| 0 | 12' | | |
| 12' | 76' 5" | 76' 5" | FRESH |

For what purpose(s) is the water to be used? HOUSE

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

Drilling or Boring Firm WALTER J. KING

Address 48 KEMPSTER OTTAWA 3

Licence Number 617

Name of Driller or Borer J. ADAMS

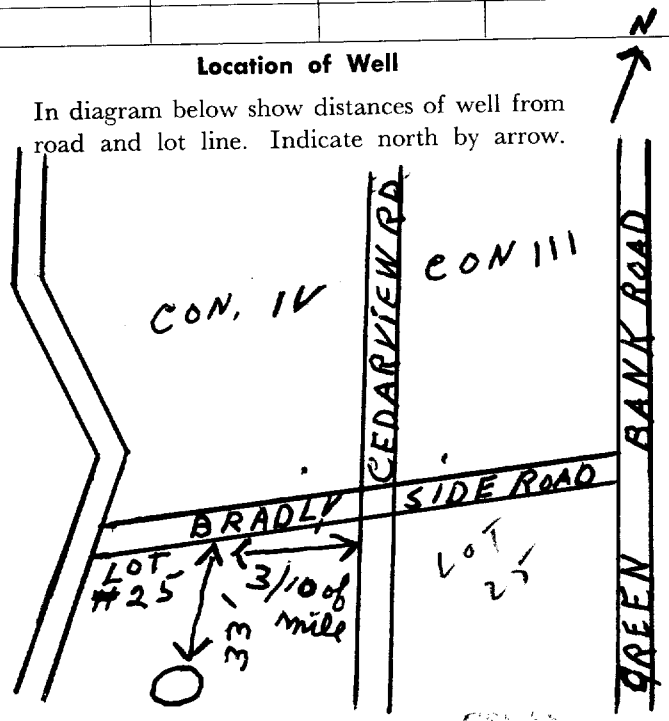
Address RAMSAYVILLE ONT.

Date Aug 30th 1962

Walter J. King
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



UTM 18 14 3 7 48 5 E
 5 R 5 0 1 5 5 9 5 N



31G5c

15 No 6118

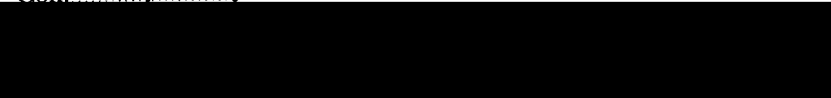
The Ontario Water Resources Commission Act

Elev. 4 R 0 3 5 0

WATER WELL RECORD

Basin 25
 County or District Carleton
 Con. 4 R.F. Lot 25

Township, Village, Town or City Nepean
 Date completed 21 Sept 1967
 (day month year)
 Address 874 Kirkwood Ave
 Ottawa

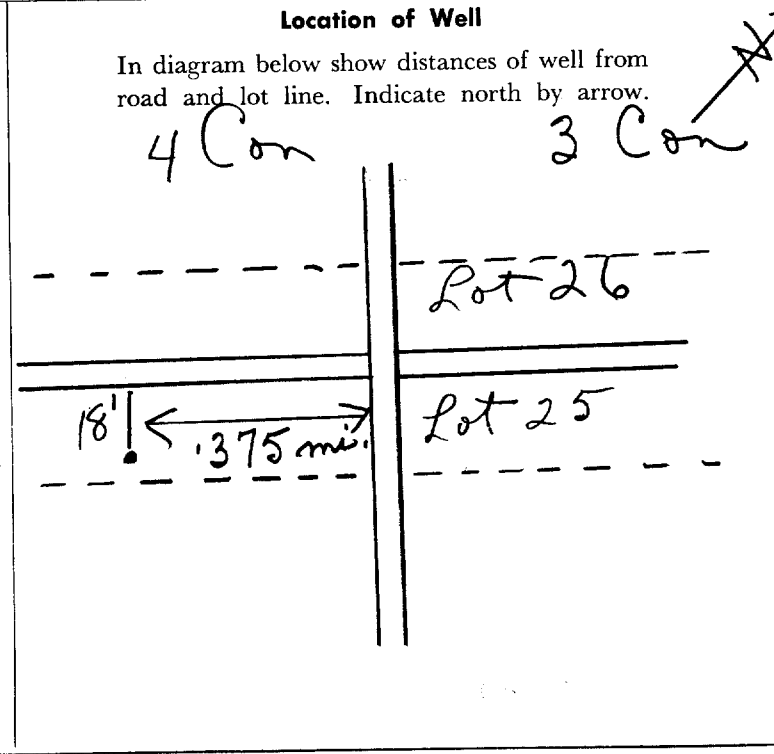


| Casing and Screen Record | |
|---------------------------|-----|
| Inside diameter of casing | 5" |
| Total length of casing | 20' |
| Type of screen | |
| Length of screen | |
| Depth to top of screen | |
| Diameter of finished hole | 5" |

| Pumping Test | |
|--------------------------------------|------------------------------|
| Static level | 10' |
| Test-pumping rate | 10 G.P.M. |
| Pumping level | 30 |
| Duration of test pumping | 1 hr |
| Water clear or cloudy at end of test | clear |
| Recommended pumping rate | 5 G.P.M. |
| with pump setting of | 50 feet below ground surface |

| Well Log | Water Record | | | |
|-------------------------------|--------------|--------|----------------------------------|---------------------------------------|
| | From ft. | To ft. | Depth(s) at which water(s) found | Kind of water (fresh, salty, sulphur) |
| Overburden and Bedrock Record | | | | |
| sandstone | 0 | 62 | 60 | fresh |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

For what purpose(s) is the water to be used?
 new house
 Is well on upland, in valley or on hillside?
 upland
 Drilling or Boring Firm Capital Water Supply Ltd
 Address 14 Ashford Dr
 Ottawa 6
 Licence Number 2381
 Name of Driller or Borer H Mains
 Address
 Date 21 Sept 1967
 Walter Kavanagh
 (Signature of Licensed Drilling or Boring Contractor)



3165c

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1518657

MUNICIPALITY 15008

COUNTY RF

09

COUNTY OR DISTRICT: **Ottawa-Carleton**
TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: **Nepean**
CON. BLOCK TRACT. SURVEY ETC: **Conc. 4 RF II**
DATE COMPLETED: DAY **15** MO **08** YR **83**
ADDRESS: **Monterey Dr.; Nepean, Ontario**
BENCH MARK: **15499** ELEVATION: **0350** BENCH CODE: **26**

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

| GENERAL COLOUR | MOST COMMON MATERIAL | OTHER MATERIALS | GENERAL DESCRIPTION | DEPTH - FEET | |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
| | | | | FROM | TO |
| Brown | Clay | | Fill | 0 | 8 |
| Brown | Sand | Gravel | Packed | 8 | 11 |
| Gray | Sandstone | | Hard | 11 | 150 |

MCE
VF-18

31 00080591 0011628117 015021873
32

41 WATER RECORD

| WATER FOUND AT - FEET | KIND OF WATER |
|-----------------------|---|
| 0070 | 1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL |
| 0145 | 1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL |
| 20-23 | 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL |
| 25-28 | 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL |
| 30-33 | 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL |

51 CASING & OPEN HOLE RECORD

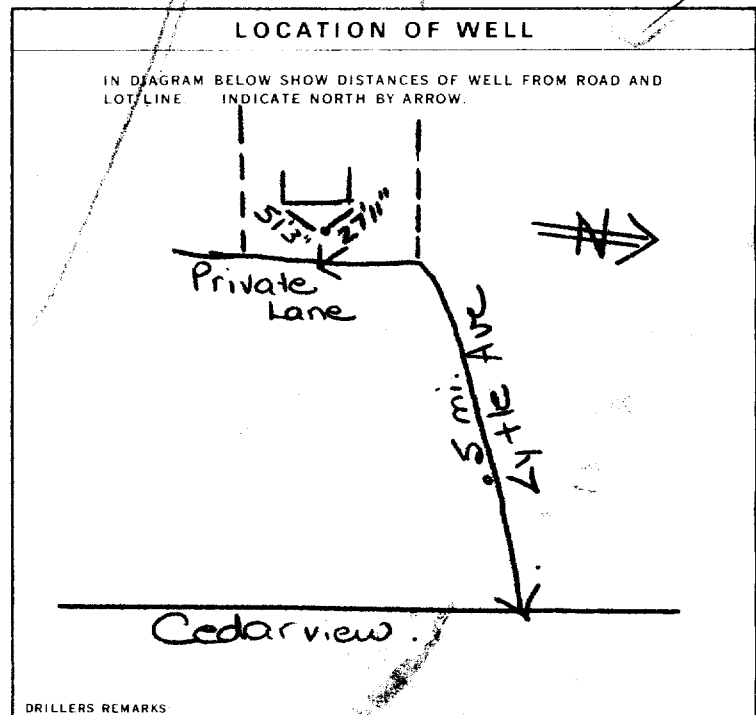
| INSIDE DIAM. INCHES | MATERIAL | WALL THICKNESS INCHES | DEPTH - FEET |
|---------------------|---|-----------------------|--------------|
| 10-11 | 1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE | 188 | 0 0022 |
| 17-18 | 1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE | | 22 0100 |
| 24-25 | 1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE | | 100 0150 |

61 PLUGGING & SEALING RECORD

| DEPTH - FEET AT - FEET | MATERIAL AND TYPE | (CEMENT GROUT LEAD PACKER ETC.) |
|------------------------|-------------------|---------------------------------|
| 10-13 | | |
| 18-21 | | |
| 26-29 | | |

71 PUMPING TEST

| | | |
|---|--------------------------------------|-------------------------------------|
| PUMPING TEST METHOD: 1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER | PUMPING RATE: 0007 GPM | DURATION OF PUMPING: 01 HRS 00 MINS |
| STATIC LEVEL: 030 FEET | WATER LEVEL END OF PUMPING: 100 FEET | WATER LEVELS DURING: |
| | | 15 MINUTES: 100 FEET |
| | | 30 MINUTES: 100 FEET |
| | | 45 MINUTES: 100 FEET |
| | | 60 MINUTES: 100 FEET |
| RECOMMENDED PUMP TYPE: <input checked="" type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP | RECOMMENDED PUMP SETTING: 125 FEET | RECOMMENDED PUMPING RATE: 0005 GPM |



FINAL STATUS OF WELL: 1 WATER SUPPLY

WATER USE: 1 DOMESTIC

METHOD OF DRILLING: 5 AIR PERCUSSION

CONTRACTOR: Capital Water Supply Ltd. LICENCE NUMBER: 1558
ADDRESS: Box 490; Stittsville, Ont. KOA 3G0
NAME OF DRILLER OR BORER: W. Kavanagh
SIGNATURE OF CONTRACTOR: [Signature]
SUBMISSION DATE: DAY 15 MO 08 YR 83

OFFICE USE ONLY

DATA SOURCE: 1 / 1558

CONTRACTOR: 1558

DATE RECEIVED: 24 11 83

DATE OF INSPECTION: _____ INSPECTOR: _____

REMARKS: _____

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COUNTY OR DISTRICT: **Ottawa-Carleton** TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: **Nepean** CON. BLOCK, TRACT, SURVEY, ETC.: **Conc. 4 R.F. II 022**
 OWNER (SURNAME FIRST): [Redacted] ADDRESS: **950 Moodie Dr.; Nepean, Ont.** DATE COMPLETED: **07 11 83**
 c/o M & O Buslines;

ZONING: **18** EASTING: **437699** NORTHING: **5014099** **4** **0355** **4** **26**

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

| GENERAL COLOUR | MOST COMMON MATERIAL | OTHER MATERIALS | GENERAL DESCRIPTION | DEPTH - FEET | |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
| | | | | FROM | TO |
| Brown | Clay | Sand & Gravel | Packed | 0 | 14 |
| Gray | Sandstone | | Hard | 14 | 100 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

MOE VF-18

31 **00146062811 010021873**
32

41 WATER RECORD

| WATER FOUND AT - FEET | KIND OF WATER |
|-----------------------|--|
| 0060' | <input checked="" type="checkbox"/> FRESH <input type="checkbox"/> SALTY <input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL |
| 0092' | <input checked="" type="checkbox"/> FRESH <input type="checkbox"/> SALTY <input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL |
| | <input type="checkbox"/> FRESH <input type="checkbox"/> SALTY <input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL |
| | <input type="checkbox"/> FRESH <input type="checkbox"/> SALTY <input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL |
| | <input type="checkbox"/> FRESH <input type="checkbox"/> SALTY <input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL |

51 CASING & OPEN HOLE RECORD

| INSIDE DIAM INCHES | MATERIAL | WALL THICKNESS INCHES | DEPTH - FEET |
|--------------------|--|-----------------------|--------------|
| 06 | <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> GALVANIZED <input type="checkbox"/> CONCRETE <input type="checkbox"/> OPEN HOLE | 188 | 0-20 |
| 06 | <input type="checkbox"/> STEEL <input type="checkbox"/> GALVANIZED <input type="checkbox"/> CONCRETE <input checked="" type="checkbox"/> OPEN HOLE | | 20-100 |
| | <input type="checkbox"/> STEEL <input type="checkbox"/> GALVANIZED <input type="checkbox"/> CONCRETE <input type="checkbox"/> OPEN HOLE | | |

SCREEN

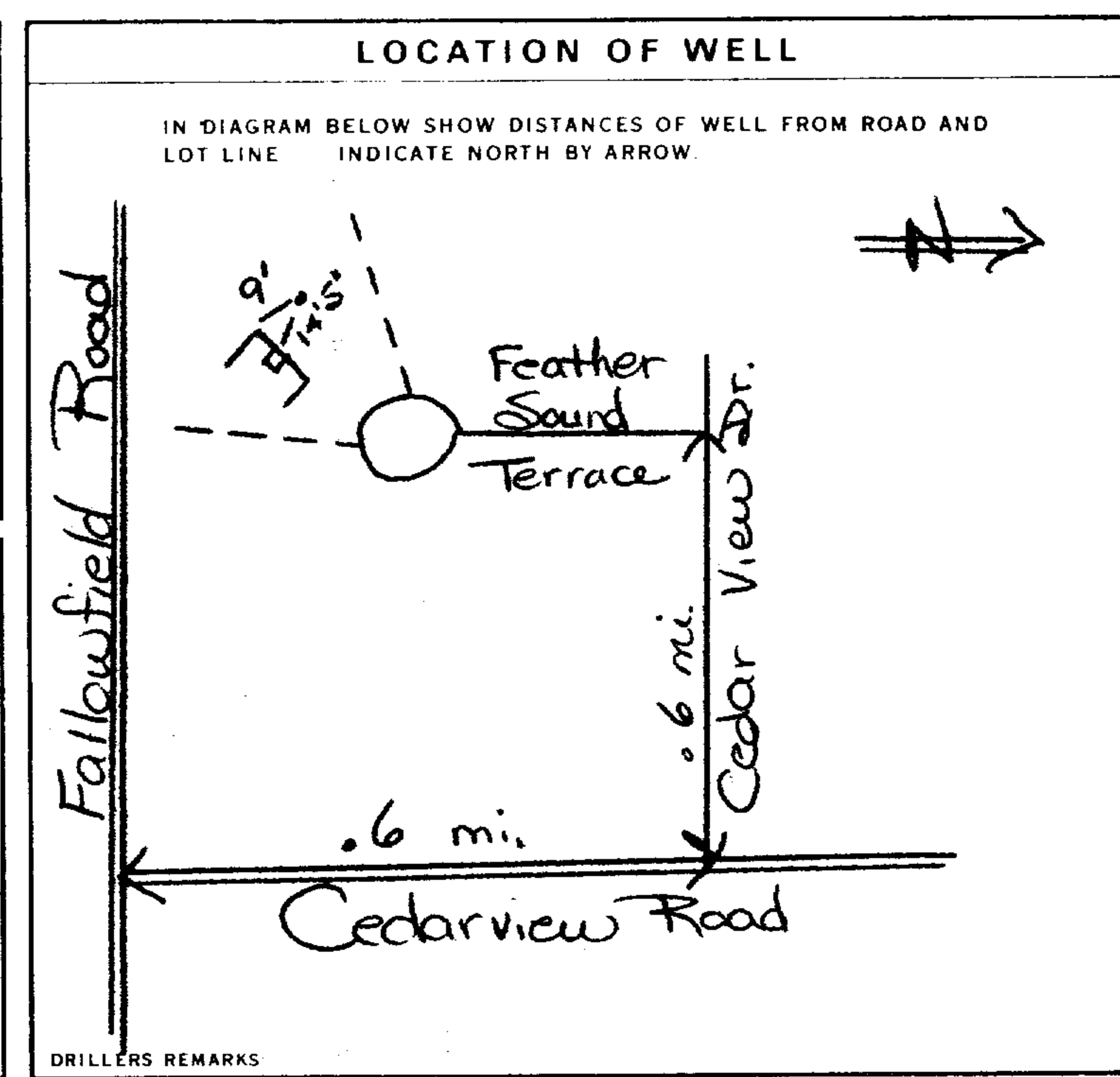
| SIZE (S) OF OPENING (SLOT NO.) | DIAMETER INCHES | LENGTH FEET |
|--------------------------------|-----------------|-----------------------------|
| | | |
| MATERIAL AND TYPE | | DEPTH TO TOP OF SCREEN FEET |
| | | |

61 PLUGGING & SEALING RECORD

| DEPTH SET AT - FEET | MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.) |
|---------------------|---|
| | |
| | |
| | |

71 PUMPING TEST

| | | |
|--|---|---|
| 1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER | PUMPING RATE: 0020 GPM | DURATION OF PUMPING: 01 HOURS 00 MINS |
| STATIC LEVEL: 010 FEET | WATER LEVEL END OF PUMPING: 050 FEET | WATER LEVELS DURING: |
| | | 15 MINUTES: 050 FEET |
| | | 30 MINUTES: 050 FEET |
| | | 45 MINUTES: 050 FEET |
| | | 60 MINUTES: 050 FEET |
| | | |
| | | |



FINAL STATUS OF WELL **1**

WATER USE **01**

METHOD OF DRILLING **5**

CONTRACTOR

NAME OF WELL CONTRACTOR: **Capital Water Supply Ltd.** LICENCE NUMBER: **1558**

ADDRESS: **Box 490; Stittsville, Ontario.**

NAME OF DRILLER OR BORER: **W. Kavanagh** LICENCE NUMBER: [Redacted]

SIGNATURE OF CONTRACTOR: [Signature] SUBMISSION DATE: DAY **10** MO. **11** YR. **83**

OFFICE USE ONLY

DATA SOURCE: **1** CONTRACTOR: **1558** DATE RECEIVED: **08 03 84**

DATE OF INSPECTION: [Redacted] INSPECTOR: [Redacted]

REMARKS: [Redacted]



WATER WELL RECORD

1522195

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11

MUNICIPALITY: _____ CON.: _____
10 14 15 22 23 24

| | | | |
|--|--|---|------------------|
| COUNTY OR DISTRICT Ottawa-Carleton | TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE Nepean | CON. BLOCK, TRACT, SURVEY ETC Conc. 4 | LOT 22 |
| OWNER (SURNAME FIRST) [REDACTED] | ADDRESS 27 Robertson Rd., Nepean, Ont. K2H 5Y7 | DATE COMPLETED DAY 30 MO 11 YR 87 | |

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

| GENERAL COLOUR | MOST COMMON MATERIAL | OTHER MATERIALS | GENERAL DESCRIPTION | DEPTH - FEET | |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
| | | | | FROM | TO |
| Brown | Clay | | Packed | 0 | 4 |
| White | Sandstone | Gray Layers | Very Hard | 4 | 125 |
| | | | | | |
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31 _____
32 _____

41 WATER RECORD

| WATER FOUND AT - FEET | KIND OF WATER |
|-----------------------|--|
| 10-13 117 | 1 <input checked="" type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |
| 15-18 | 1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |
| 20-23 | 1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |
| 25-28 | 1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |
| 30-33 | 1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |

51 CASING & OPEN HOLE RECORD

| INSIDE DIAM INCHES | MATERIAL | WALL THICKNESS INCHES | DEPTH - FEET | |
|--------------------|--|-----------------------|--------------|-----|
| | | | FROM | TO |
| 6 1/4 | 1 <input checked="" type="checkbox"/> STEEL 2 <input checked="" type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | .188 | 0 | 20 |
| 6 1/16 | 1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | | 20 | 100 |
| 5 15/16 | 1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | | 100 | 125 |

SCREEN

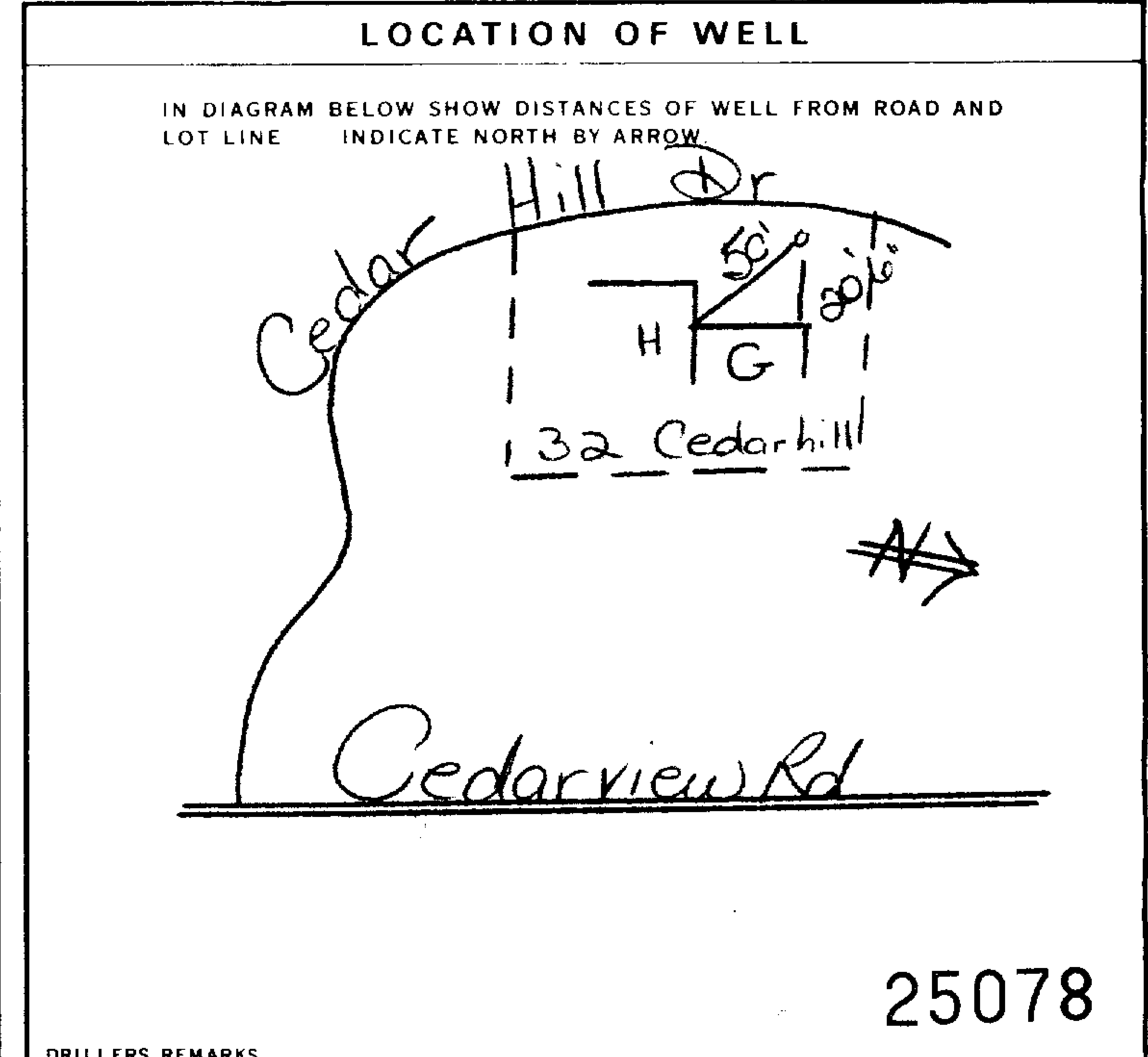
| SIZE(S) OF OPENING (SLOT NO) | DIAMETER INCHES | LENGTH FEET |
|------------------------------|-----------------|-----------------------------------|
| 31-33 | 34-38 | 39-40 |
| MATERIAL AND TYPE | | DEPTH TO TOP OF SCREEN 41-44 FEET |

61 PLUGGING & SEALING RECORD

| DEPTH SET AT - FEET | MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER ETC) |
|---------------------|--|
| FROM TO | |
| 10-13 | 14-17 |
| 18-21 | 22-25 |
| 26-29 | 30-33 80 |

71 PUMPING TEST

| | | |
|---|--|---|
| PUMPING TEST METHOD 1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER | PUMPING RATE 15 GPM | DURATION OF PUMPING 1 15-18 HOURS 17-18 MINS |
| STATIC LEVEL 3 FEET | WATER LEVEL END OF PUMPING 50 FEET | WATER LEVELS DURING 15 MINUTES 50 FEET 30 MINUTES 50 FEET 45 MINUTES 50 FEET 60 MINUTES 50 FEET |
| IF FLOWING, GIVE RATE | PUMP INTAKE SET AT 50 FEET | WATER AT END OF TEST 1 <input checked="" type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY |
| RECOMMENDED PUMP TYPE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP | RECOMMENDED PUMP SETTING 75 FEET | RECOMMENDED PUMPING RATE 5 GPM |



FINAL STATUS OF WELL

1 WATER SUPPLY
2 OBSERVATION WELL
3 TEST HOLE
4 RECHARGE WELL
5 ABANDONED, INSUFFICIENT SUPPLY
6 ABANDONED, POOR QUALITY
7 UNFINISHED
9 DEWATERING

WATER USE

1 DOMESTIC
2 STOCK
3 IRRIGATION
4 INDUSTRIAL
5 COMMERCIAL
6 MUNICIPAL
7 PUBLIC SUPPLY
8 COOLING OR AIR CONDITIONING
9 NOT USED

METHOD OF CONSTRUCTION

1 CABLE TOOL
2 ROTARY (CONVENTIONAL)
3 ROTARY (REVERSE)
4 ROTARY (AIR)
5 AIR PERCUSSION
6 BORING
7 DIAMOND
8 JETTING
9 DRIVING
10 DIGGING
11 OTHER

CONTRACTOR

NAME OF WELL CONTRACTOR: **Capital Water Supply Ltd.**
WELL CONTRACTOR'S LICENCE NUMBER: **1558**
ADDRESS: **Box 490; Stittsville, Ontario. K0A 3G0**
NAME OF WELL TECHNICIAN: **S. Miller**
WELL TECHNICIAN'S LICENCE NUMBER: _____
SIGNATURE OF TECHNICIAN/CONTRACTOR: _____
SUBMISSION DATE: DAY **30** MO **11** YR **87**

OFFICE USE ONLY

DATA SOURCE: _____ CONTRACTOR: _____ DATE RECEIVED: **FEB 01 1988**
DATE OF INSPECTION: _____ INSPECTOR: _____
REMARKS: _____



1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11

1522454

MUNICIPALITY
15008

CON. 10 14 15 22 23 24

COUNTY OR DISTRICT: Ottawa-Carleton TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: Nepean CON. BLOCK, TRACT, SURVEY, ETC.: 4 LOT: 24
 ADDRESS: The Clarion 28A Northside Rd Nepean DATE COMPLETED: DAY 09 MO 05 YR 88
 ELEVATION: K2H 52B BASIN CODE: II

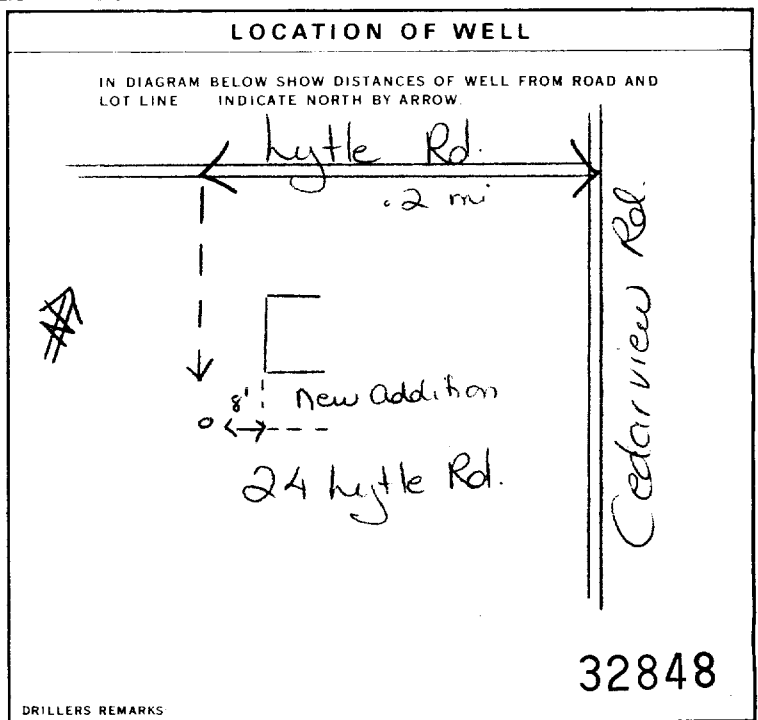
LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

| GENERAL COLOUR | MOST COMMON MATERIAL | OTHER MATERIALS | GENERAL DESCRIPTION | DEPTH - FEET | |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
| | | | | FROM | TO |
| Brown | Sandy soil | Stones | | 0 | 4 |
| White | Sandstone | Gray Layers | Very Hard | 4 | 150 |

31 _____
 32 _____

| 41 WATER RECORD | | 51 CASING & OPEN HOLE RECORD | | | | 61 PLUGGING & SEALING RECORD | | |
|--|---|--|---|--------------------------------------|---|--|--|--|
| WATER FOUND AT - FEET 10-13: <u>26</u> 15-18: <u>145</u> 20-23: 25-28: 30-33: | KIND OF WATER 1 <input checked="" type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS | INSIDE DIAM INCHES 10-11: <u>6 1/2</u> 17-18: <u>6 1/8</u> 24-25: <u>5</u> 5: <u>1 3/8</u> | MATERIAL 1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | WALL THICKNESS INCHES <u>.188</u> | DEPTH - FEET FROM TO 0 21 21 75 75 125 125 150 | SCREEN SIZE (S) OF OPENING (SLOT NO.) MATERIAL AND TYPE | DIAMETER INCHES DEPTH TO TOP OF SCREEN FEET | LENGTH FEET MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.) |

71 PUMPING TEST METHOD: 1 PUMP, 2 BAILER
 PUMPING RATE: 6 GPM, DURATION OF PUMPING: 16 HOURS
 WATER LEVELS DURING: 15 MINUTES: 50, 30 MINUTES: 50, 45 MINUTES: 50, 60 MINUTES: 50
 RECOMMENDED PUMP TYPE: SHALLOW, DEEP
 RECOMMENDED PUMP SETTING: 100 FEET, RECOMMENDED PUMPING RATE: 5 GPM



FINAL STATUS OF WELL: 1 WATER SUPPLY, 2 OBSERVATION WELL, 3 TEST HOLE, 4 RECHARGE WELL
 WATER USE: 1 DOMESTIC, 2 STOCK, 3 IRRIGATION, 4 INDUSTRIAL
 METHOD OF CONSTRUCTION: 1 CABLE TOOL, 2 ROTARY (CONVENTIONAL), 3 ROTARY (REVERSE), 4 ROTARY (AIR), 5 AIR PERCUSSION

CONTRACTOR: Capital Water Supply, WELL CONTRACTOR'S LICENCE NUMBER: 1558
 ADDRESS: Box 490 Stittsville, Ontario KOA 3G0
 NAME OF WELL TECHNICIAN: S. Miller, WELL TECHNICIAN'S LICENCE NUMBER: _____
 SIGNATURE OF TECHNICIAN/CONTRACTOR: *[Signature]*, SUBMISSION DATE: DAY 09 MO 05 YR 88

OFFICE USE ONLY: DATA SOURCE: 1558, DATE RECEIVED: JUL 22 1988
 DATE OF INSPECTION: _____, INSPECTOR: _____
 REMARKS: _____

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11

1523369

MUNICIP 15008

CON. R.F.

104

| | | | |
|--|---|---|------------------------|
| COUNTY OR DISTRICT Ottawa Carleton | TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE Nepean | CON. BLOCK, TRACT, SURVEY ETC 4 | LOT 25-27 21 |
| ADDRESS 4 Timbercrest Ridge, R.R. #7 Nepean, Ontario | | DATE COMPLETED 48-53 DAY 22 MO 02 YR 89 | |

| | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|
| 21 | 10 | 12 | 17 | 18 | 24 | 25 | 26 | 30 | 31 | 47 |
|----|----|----|----|----|----|----|----|----|----|----|

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

| GENERAL COLOUR | MOST COMMON MATERIAL | OTHER MATERIALS | GENERAL DESCRIPTION | DEPTH - FEET | |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
| | | | | FROM | TO |
| Brown | Sand | | Fill | 0 | 6 |
| White | Sandstone | Gray Layers | Hard | 6 | 150 |
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|----|----|----|----|----|----|----|----|----|----|----|
| 31 | 10 | 14 | 15 | 21 | 32 | 43 | 54 | 65 | 75 | 80 |
| 32 | 10 | 14 | 15 | 21 | 32 | 43 | 54 | 65 | 75 | 80 |

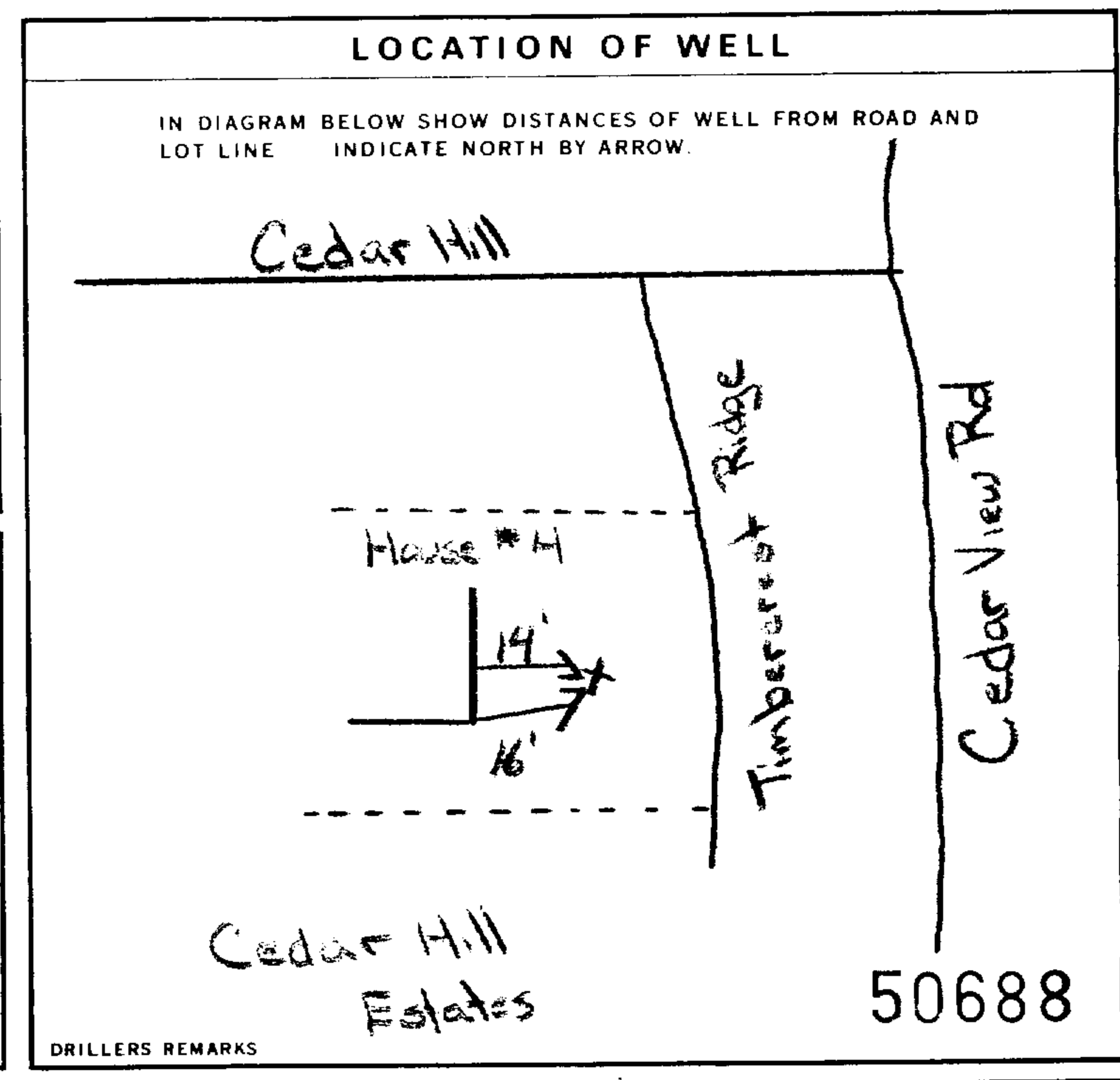
| 41 WATER RECORD | | | |
|-----------------------|---|-------------------------------------|----|
| WATER FOUND AT - FEET | KIND OF WATER | | |
| 10-13 | 1 <input checked="" type="checkbox"/> FRESH | 3 <input type="checkbox"/> SULPHUR | 14 |
| 50 | 2 <input type="checkbox"/> SALTY | 4 <input type="checkbox"/> MINERALS | |
| 15-18 | 1 <input checked="" type="checkbox"/> FRESH | 3 <input type="checkbox"/> SULPHUR | 19 |
| 142 | 2 <input type="checkbox"/> SALTY | 4 <input type="checkbox"/> MINERALS | |
| 20-23 | 1 <input type="checkbox"/> FRESH | 3 <input type="checkbox"/> SULPHUR | 24 |
| | 2 <input type="checkbox"/> SALTY | 4 <input type="checkbox"/> MINERALS | |
| 25-28 | 1 <input type="checkbox"/> FRESH | 3 <input type="checkbox"/> SULPHUR | 29 |
| | 2 <input type="checkbox"/> SALTY | 4 <input type="checkbox"/> MINERALS | |
| 30-33 | 1 <input type="checkbox"/> FRESH | 3 <input type="checkbox"/> SULPHUR | 34 |
| | 2 <input type="checkbox"/> SALTY | 4 <input type="checkbox"/> MINERALS | 30 |

| 51 CASING & OPEN HOLE RECORD | | | | |
|------------------------------|---|-----------------------|--------------|-------|
| INSIDE DIAM INCHES | MATERIAL | WALL THICKNESS INCHES | DEPTH - FEET | |
| | | | FROM | TO |
| 6 1/4 | 1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | .188 | 0 | 21 |
| 6 | 1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | | 21 | 150 |
| | 1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | | | 27-30 |

| SCREEN | SIZE(S) OF OPENING (SLOT NO.) | DIAMETER | LENGTH |
|--------|-------------------------------|----------|------------------------|
| | INCHES | INCHES | FEET |
| | | | |
| | MATERIAL AND TYPE | | DEPTH TO TOP OF SCREEN |
| | | | 41-44 |
| | | | FEET |

| 61 PLUGGING & SEALING RECORD | | | |
|------------------------------|-------|--|----|
| DEPTH SET AT - FEET | | MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.) | |
| FROM | TO | | |
| 10-13 | 14-17 | | |
| 18-21 | 22-25 | | |
| 26-29 | 30-33 | | 80 |

| 71 PUMPING TEST | PUMPING TEST METHOD | | PUMPING RATE | | DURATION OF PUMPING | |
|--|--|----------------------------|---------------------|---|---------------------|------------|
| | 1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER | | 12 GPM | | 1 HOURS 17-18 MINS | |
| | STATIC LEVEL | WATER LEVEL END OF PUMPING | WATER LEVELS DURING | | | |
| | 19-21 | 22-24 | 15 MINUTES | 30 MINUTES | 45 MINUTES | 60 MINUTES |
| | 30 FEET | 100 FEET | 26-28 | 29-31 | 32-34 | 35-37 |
| | | 100 FEET | 100 FEET | 100 FEET | 100 FEET | |
| IF FLOWING, GIVE RATE | | PUMP INTAKE SET AT | | WATER AT END OF TEST | | |
| GPM | | FEET | | 1 <input checked="" type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY | | |
| RECOMMENDED PUMP TYPE | | RECOMMENDED PUMP SETTING | | RECOMMENDED PUMPING RATE | | |
| <input type="checkbox"/> SHALLOW <input type="checkbox"/> DEEP | | 125 FEET | | 5 GPM | | |



| 84 FINAL STATUS OF WELL | 1 <input checked="" type="checkbox"/> WATER SUPPLY | 5 <input type="checkbox"/> ABANDONED, INSUFFICIENT SUPPLY |
|---------------------------|--|---|
| | 2 <input type="checkbox"/> OBSERVATION WELL | 6 <input type="checkbox"/> ABANDONED POOR QUALITY |
| | 3 <input type="checkbox"/> TEST HOLE | 7 <input type="checkbox"/> UNFINISHED |
| | 4 <input type="checkbox"/> RECHARGE WELL | <input type="checkbox"/> DEWATERING |
| 85-86 WATER USE | 1 <input checked="" type="checkbox"/> DOMESTIC | 5 <input type="checkbox"/> COMMERCIAL |
| | 2 <input type="checkbox"/> STOCK | 6 <input type="checkbox"/> MUNICIPAL |
| | 3 <input type="checkbox"/> IRRIGATION | 7 <input type="checkbox"/> PUBLIC SUPPLY |
| | 4 <input type="checkbox"/> INDUSTRIAL | 8 <input type="checkbox"/> COOLING OR AIR CONDITIONING |
| | <input type="checkbox"/> OTHER | 9 <input type="checkbox"/> NOT USED |
| 87 METHOD OF CONSTRUCTION | 1 <input type="checkbox"/> CABLE TOOL | 6 <input type="checkbox"/> BORING |
| | 2 <input type="checkbox"/> ROTARY (CONVENTIONAL) | 7 <input type="checkbox"/> DIAMOND |
| | 3 <input type="checkbox"/> ROTARY (REVERSE) | 8 <input type="checkbox"/> JETTING |
| | 4 <input type="checkbox"/> ROTARY (AIR) | 9 <input type="checkbox"/> DRIVING |
| | 5 <input checked="" type="checkbox"/> AIR PERCUSSION | <input type="checkbox"/> DIGGING <input type="checkbox"/> OTHER |

| | | |
|------------|---|--|
| CONTRACTOR | NAME OF WELL CONTRACTOR Capital Water supply Ltd. | WELL CONTRACTOR'S LICENCE NUMBER 1558 |
| | ADDRESS P.O. Box 490 Stittsville, Ontario K0A 3G0 | |
| | NAME OF WELL TECHNICIAN S. Miller | WELL TECHNICIAN'S LICENCE NUMBER T0097 |
| | SIGNATURE OF TECHNICIAN/CONTRACTOR <i>S. Miller</i> | SUBMISSION DATE DAY 24 MO 02 YR 89 |

| | | | |
|-----------------|--------------------|---------------------------|-------------------------------------|
| OFFICE USE ONLY | DATA SOURCE | CONTRACTOR 1558 | DATE RECEIVED APR 06 1989 |
| | DATE OF INSPECTION | INSPECTOR | |
| | REMARKS | | |

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

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1524757

MUNICIPALITY 15008

CON. CON.

04

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|--|--|---|------------------|---------|------------|----|-----------|----|------------|----|-----|----|----|--|--|--|--|--|--|--|--|
| COUNTY OR DISTRICT Ottawa Carleton | TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE Nepean | CON. BLOCK, TRACT, SURVEY, ETC. 4 | LOT 21 | | | | | | | | | | | | | | | | | | |
| OWNER (SURNAME FIRST) [REDACTED] | ADDRESS 15 Henfield Ave. Nepean, Ontario K2J 1J9 | DATE COMPLETED DAY 25 MO 07 YR 90 | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>EASTING</td> <td>NORTHING</td> <td>RC</td> <td>ELEVATION</td> <td>RC</td> <td>BASIN CODE</td> <td>II</td> <td>III</td> <td>IV</td> </tr> <tr> <td>21</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | | | | EASTING | NORTHING | RC | ELEVATION | RC | BASIN CODE | II | III | IV | 21 | | | | | | | | |
| EASTING | NORTHING | RC | ELEVATION | RC | BASIN CODE | II | III | IV | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | |

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

| GENERAL COLOUR | MOST COMMON MATERIAL | OTHER MATERIALS | GENERAL DESCRIPTION | DEPTH - FEET | |
|----------------|----------------------|-----------------|---------------------|--------------|----|
| | | | | FROM | TO |
| Gray | Sand | | Fill | 0 | 3 |
| Brown | Clay | | Packed | 3 | 14 |
| Blue | Clay | | Medium | 14 | 53 |
| Gray | Hardpan | Boulders | Packed | 53 | 80 |
| Gray | Sand | Gravel | Packed | 80 | 85 |

| | | | | | | | | | |
|----|--|--|--|--|--|--|--|--|--|
| 31 | | | | | | | | | |
| 32 | | | | | | | | | |

41 WATER RECORD

| WATER FOUND AT - FEET | KIND OF WATER | | | | | |
|-----------------------|----------------------------------|------------------------------------|-------------------------------------|--------------------------------|----------------------------|----------------------------|
| 10-13 | 1 <input type="checkbox"/> FRESH | 3 <input type="checkbox"/> SULPHUR | 4 <input type="checkbox"/> MINERALS | 5 <input type="checkbox"/> GAS | 6 <input type="checkbox"/> | 7 <input type="checkbox"/> |
| 83 | 2 <input type="checkbox"/> SALTY | 4 <input type="checkbox"/> | 5 <input type="checkbox"/> | 6 <input type="checkbox"/> | 7 <input type="checkbox"/> | 8 <input type="checkbox"/> |
| 15-18 | 1 <input type="checkbox"/> FRESH | 3 <input type="checkbox"/> SULPHUR | 4 <input type="checkbox"/> MINERALS | 5 <input type="checkbox"/> GAS | 6 <input type="checkbox"/> | 7 <input type="checkbox"/> |
| 20-23 | 2 <input type="checkbox"/> SALTY | 4 <input type="checkbox"/> | 5 <input type="checkbox"/> | 6 <input type="checkbox"/> | 7 <input type="checkbox"/> | 8 <input type="checkbox"/> |
| 25-28 | 1 <input type="checkbox"/> FRESH | 3 <input type="checkbox"/> SULPHUR | 4 <input type="checkbox"/> MINERALS | 5 <input type="checkbox"/> GAS | 6 <input type="checkbox"/> | 7 <input type="checkbox"/> |
| 30-33 | 2 <input type="checkbox"/> SALTY | 4 <input type="checkbox"/> | 5 <input type="checkbox"/> | 6 <input type="checkbox"/> | 7 <input type="checkbox"/> | 8 <input type="checkbox"/> |

51 CASING & OPEN HOLE RECORD

| INSIDE DIAM INCHES | MATERIAL | WALL THICKNESS INCHES | DEPTH - FEET | |
|--------------------|---|-----------------------|--------------|----|
| | | | FROM | TO |
| 6 1/4 | 1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | .188 | 0 | 82 |
| 6 | 1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | | 82 | 85 |
| | 1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | | | |

SCREEN

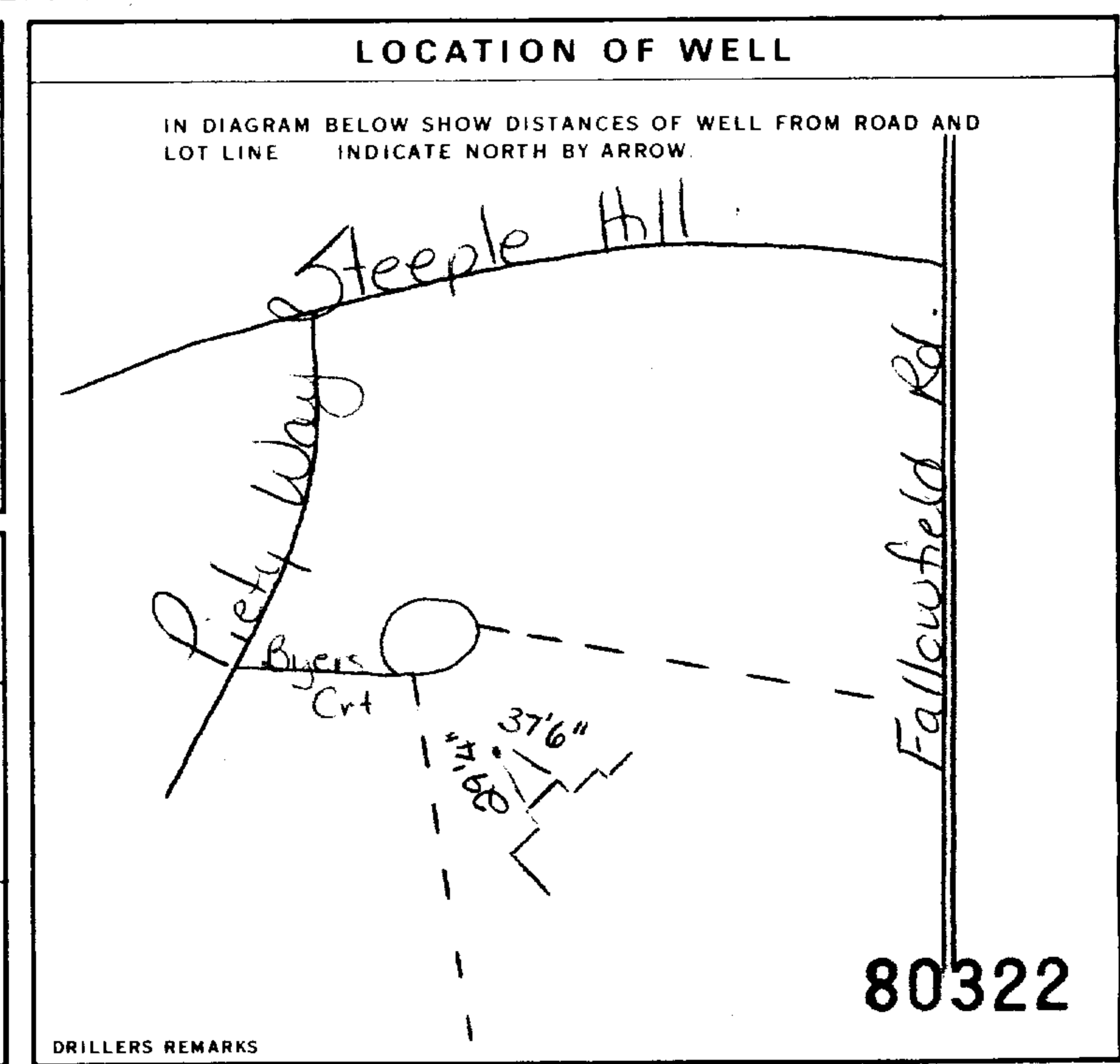
| | | | | | |
|-------------------------------|-------|----------|------------------------|--------|-------|
| SIZE(S) OF OPENING (SLOT NO.) | 31-33 | DIAMETER | 34-38 | LENGTH | 39-40 |
| | | INCHES | | FEET | |
| MATERIAL AND TYPE | | | DEPTH TO TOP OF SCREEN | 41-44 | 30 |
| | | | | FEET | |

61 PLUGGING & SEALING RECORD

| DEPTH SET AT - FEET | | MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.) |
|---------------------|-------|--|
| FROM | TO | |
| 10-13 | 14-17 | |
| 18-21 | 22-25 | |
| 26-29 | 30-33 | |

71 PUMPING TEST

| | | |
|---|--|---|
| PUMPING TEST METHOD 1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER | PUMPING RATE 25 GPM | DURATION OF PUMPING 1 HOURS 17 MINS |
| STATIC LEVEL 8 FEET | WATER LEVEL END OF PUMPING 50 FEET | WATER LEVELS DURING 15 MINUTES 50 FEET 30 MINUTES 50 FEET 45 MINUTES 50 FEET 60 MINUTES 50 FEET |
| IF FLOWING, GIVE RATE GPM | PUMP INTAKE SET AT FEET | WATER AT END OF TEST 1 <input checked="" type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY |
| RECOMMENDED PUMP TYPE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP | RECOMMENDED PUMP SETTING 50 FEET | RECOMMENDED PUMPING RATE 5 GPM |



FINAL STATUS OF WELL

| | |
|--|---|
| 1 <input checked="" type="checkbox"/> WATER SUPPLY | 5 <input type="checkbox"/> ABANDONED, INSUFFICIENT SUPPLY |
| 2 <input type="checkbox"/> OBSERVATION WELL | 6 <input type="checkbox"/> ABANDONED POOR QUALITY |
| 3 <input type="checkbox"/> TEST HOLE | 7 <input type="checkbox"/> UNFINISHED |
| 4 <input type="checkbox"/> RECHARGE WELL | 8 <input type="checkbox"/> DEWATERING |

WATER USE

| | |
|--|--|
| 1 <input checked="" type="checkbox"/> DOMESTIC | 5 <input type="checkbox"/> COMMERCIAL |
| 2 <input type="checkbox"/> STOCK | 6 <input type="checkbox"/> MUNICIPAL |
| 3 <input type="checkbox"/> IRRIGATION | 7 <input type="checkbox"/> PUBLIC SUPPLY |
| 4 <input type="checkbox"/> INDUSTRIAL | 8 <input type="checkbox"/> COOLING OR AIR CONDITIONING |
| 9 <input type="checkbox"/> OTHER | 9 <input type="checkbox"/> NOT USED |

METHOD OF CONSTRUCTION

| | |
|--|-------------------------------------|
| 1 <input type="checkbox"/> CABLE TOOL | 6 <input type="checkbox"/> BORING |
| 2 <input type="checkbox"/> ROTARY (CONVENTIONAL) | 7 <input type="checkbox"/> DIAMOND |
| 3 <input type="checkbox"/> ROTARY (REVERSE) | 8 <input type="checkbox"/> JETTING |
| 4 <input type="checkbox"/> ROTARY (AIR) | 9 <input type="checkbox"/> DRIVING |
| 5 <input checked="" type="checkbox"/> AIR PERCUSSION | 10 <input type="checkbox"/> DIGGING |
| | 11 <input type="checkbox"/> OTHER |

CONTRACTOR

| | |
|---|--|
| NAME OF WELL CONTRACTOR Capital Water Supply Ltd. | WELL CONTRACTOR'S LICENCE NUMBER 1558 |
| ADDRESS Box 490 Stittsville, Ontario K2S 1A6 | |
| NAME OF WELL TECHNICIAN W. Kavanagh | WELL TECHNICIAN'S LICENCE NUMBER T0095 |
| SIGNATURE OF TECHNICIAN/CONTRACTOR <i>W. Kavanagh</i> | SUBMISSION DATE DAY 25 MO 07 YR 90 |

OFFICE USE ONLY

| | | |
|--------------------|---------------------------|-------------------------------------|
| DATA SOURCE | CONTRACTOR 1558 | DATE RECEIVED SEP 17 1990 |
| DATE OF INSPECTION | INSPECTOR | |
| REMARKS | | |



Ontario

Ministry of the Environment

The Ontario Water Resources Act

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11 1525234 15008 RF 04

| | | | |
|---------------------------------------|---|---|------------------|
| COUNTY OR DISTRICT Carleton | TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE Nepean | CON. BLOCK TRACT. SURVEY, ETC. 4 | LOT 21 |
| OWNER (SURNAME FIRST) [REDACTED] | ADDRESS 15 Henfield Ave. Nepean, Ont. K2J 1J9 | DATE COMPLETED DAY 15 MO 12 YR 90 | |

| GENERAL COLOUR | MOST COMMON MATERIAL | OTHER MATERIALS | GENERAL DESCRIPTION | DEPTH - FEET | |
|----------------|----------------------|-----------------|---------------------|--------------|----|
| | | | | FROM | TO |
| Brown | Clay | | | 0 | 15 |
| Gray | Clay | Boulders | | 15 | 38 |
| Gray | Hardpan | Boulders | | 38 | 75 |
| Gray | Gravel | | | 75 | 86 |

31 32

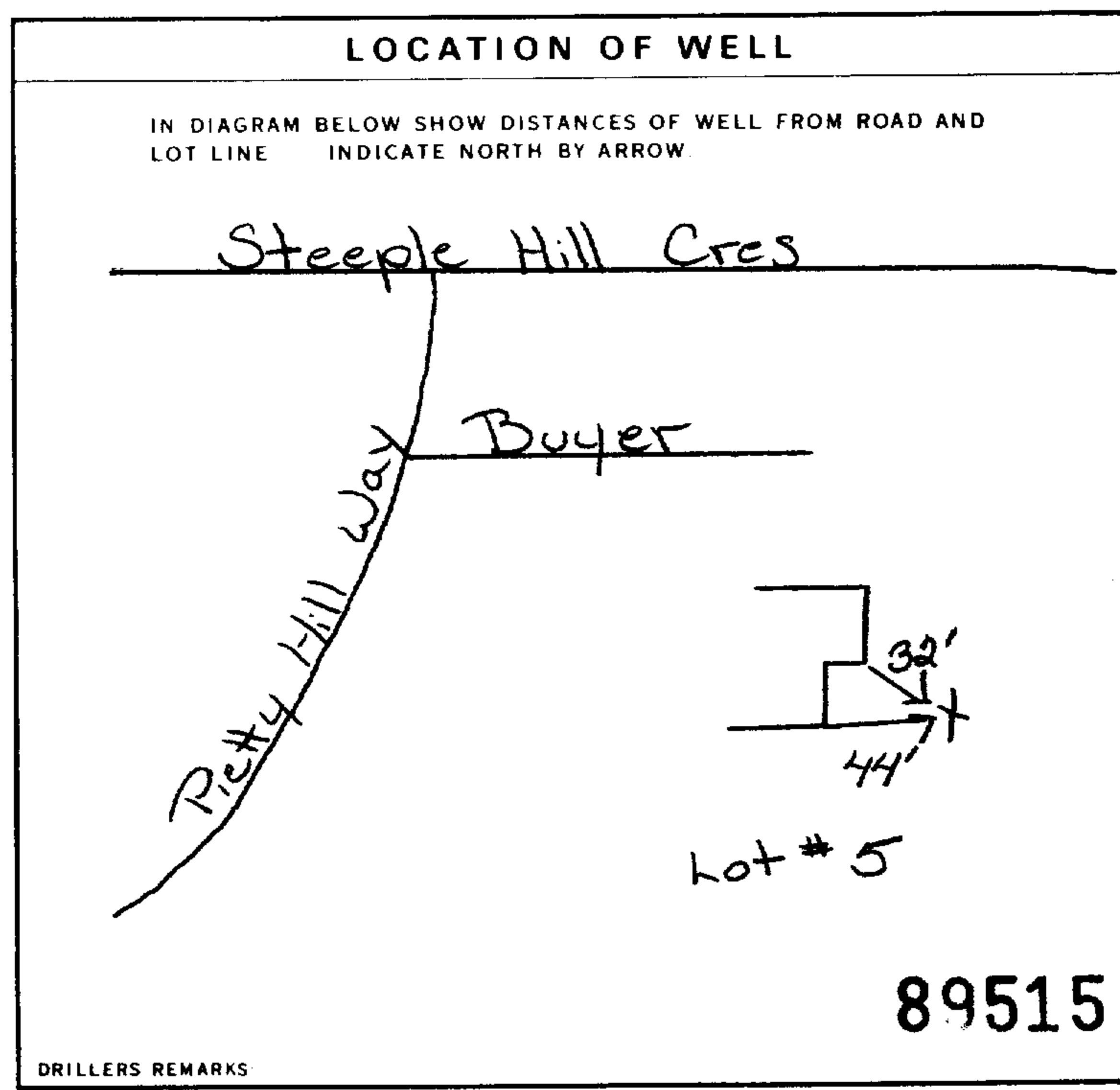
| WATER FOUND AT - FEET | KIND OF WATER |
|-----------------------|--|
| 85 | 1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |

| INSIDE DIAM INCHES | MATERIAL | WALL THICKNESS INCHES | DEPTH - FEET |
|--------------------|---|-----------------------|--------------|
| 6 1/4 | 1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | .188 | 0 83 |

| SIZE(S) OF OPENING (SLOT NO.) | DIAMETER | LENGTH |
|-------------------------------|----------|--------|
| | INCHES | FEET |

| DEPTH SET AT - FEET | MATERIAL AND TYPE |
|---------------------|-------------------|
| 10-13 | 14-17 |

| PUMPING TEST METHOD | PUMPING RATE | DURATION OF PUMPING |
|--|--------------|--------------------------|
| 1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER | 30 GPM | 1 15-16 HOURS 17-18 MINS |



| FINAL STATUS OF WELL | 1 <input checked="" type="checkbox"/> WATER SUPPLY 5 <input type="checkbox"/> ABANDONED, INSUFFICIENT SUPPLY 2 <input type="checkbox"/> OBSERVATION WELL 6 <input type="checkbox"/> ABANDONED POOR QUALITY 3 <input type="checkbox"/> TEST HOLE 7 <input type="checkbox"/> UNFINISHED 4 <input type="checkbox"/> RECHARGE WELL <input type="checkbox"/> DEWATERING |
|------------------------|--|
| WATER USE | 1 <input checked="" type="checkbox"/> DOMESTIC 5 <input type="checkbox"/> COMMERCIAL 2 <input type="checkbox"/> STOCK 6 <input type="checkbox"/> MUNICIPAL 3 <input type="checkbox"/> IRRIGATION 7 <input type="checkbox"/> PUBLIC SUPPLY 4 <input type="checkbox"/> INDUSTRIAL 8 <input type="checkbox"/> COOLING OR AIR CONDITIONING <input checked="" type="checkbox"/> OTHER <u>heat pump</u> 9 <input type="checkbox"/> NOT USED |
| METHOD OF CONSTRUCTION | 1 <input type="checkbox"/> CABLE TOOL 6 <input type="checkbox"/> BORING 2 <input type="checkbox"/> ROTARY (CONVENTIONAL) 7 <input type="checkbox"/> DIAMOND 3 <input type="checkbox"/> ROTARY (REVERSE) 8 <input type="checkbox"/> JETTING 4 <input type="checkbox"/> ROTARY (AIR) 9 <input type="checkbox"/> DRIVING 5 <input checked="" type="checkbox"/> AIR PERCUSSION <input type="checkbox"/> DIGGING <input type="checkbox"/> OTHER |

| | |
|---|--|
| NAME OF WELL CONTRACTOR Capital Water Supply Ltd. | WELL CONTRACTOR'S LICENCE NUMBER 1558 |
| ADDRESS Box 490, Stittsville, Ont. K2S 1A6 | |
| NAME OF WELL TECHNICIAN S. Miller | WELL TECHNICIAN'S LICENCE NUMBER T0097 |
| SIGNATURE OF TECHNICIAN/CONTRACTOR <i>[Signature]</i> | SUBMISSION DATE DAY 18 MO 12 YR 90 |

| | | |
|--------------------|---------------------------|-------------------------------------|
| DATA SOURCE | CONTRACTOR 1558 | DATE RECEIVED JAN 28 1991 |
| DATE OF INSPECTION | INSPECTOR | |
| REMARKS | | |

WATER WELL RECORD

1525630

MUNICIPALITY: 15008 CON: CON LOT: 04

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

| | | | |
|--|---|---|------------------|
| COUNTY OR DISTRICT Ottawa Carleton | TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE Nepean | CON. BLOCK, TRACT, SURVEY ETC 4 | LOT 22 |
| OWNER (SURNAME, FIRST) [Redacted] | ADDRESS 5 Hartford Place, Nepean, Ontario K2R 1A5 | DATE COMPLETED DAY 12 MO 08 YR 91 | |

| | | | | | | | | |
|----|----------|----|-----------|----|------------|----|-----|----|
| 21 | NORTHING | RC | ELEVATION | RC | BASIN CODE | II | III | IV |
|----|----------|----|-----------|----|------------|----|-----|----|

| LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS) | | | | | |
|--|----------------------|-----------------|---------------------|--------------|-----|
| GENERAL COLOUR | MOST COMMON MATERIAL | OTHER MATERIALS | GENERAL DESCRIPTION | DEPTH - FEET | |
| | | | | FROM | TO |
| Brown | Clay | Boulders | Packed | 0 | 9 |
| Gray | Limestone | | Hard | 9 | 110 |
| Gray & White | Sandstone | | Hard | 110 | 135 |
| | | | | | |
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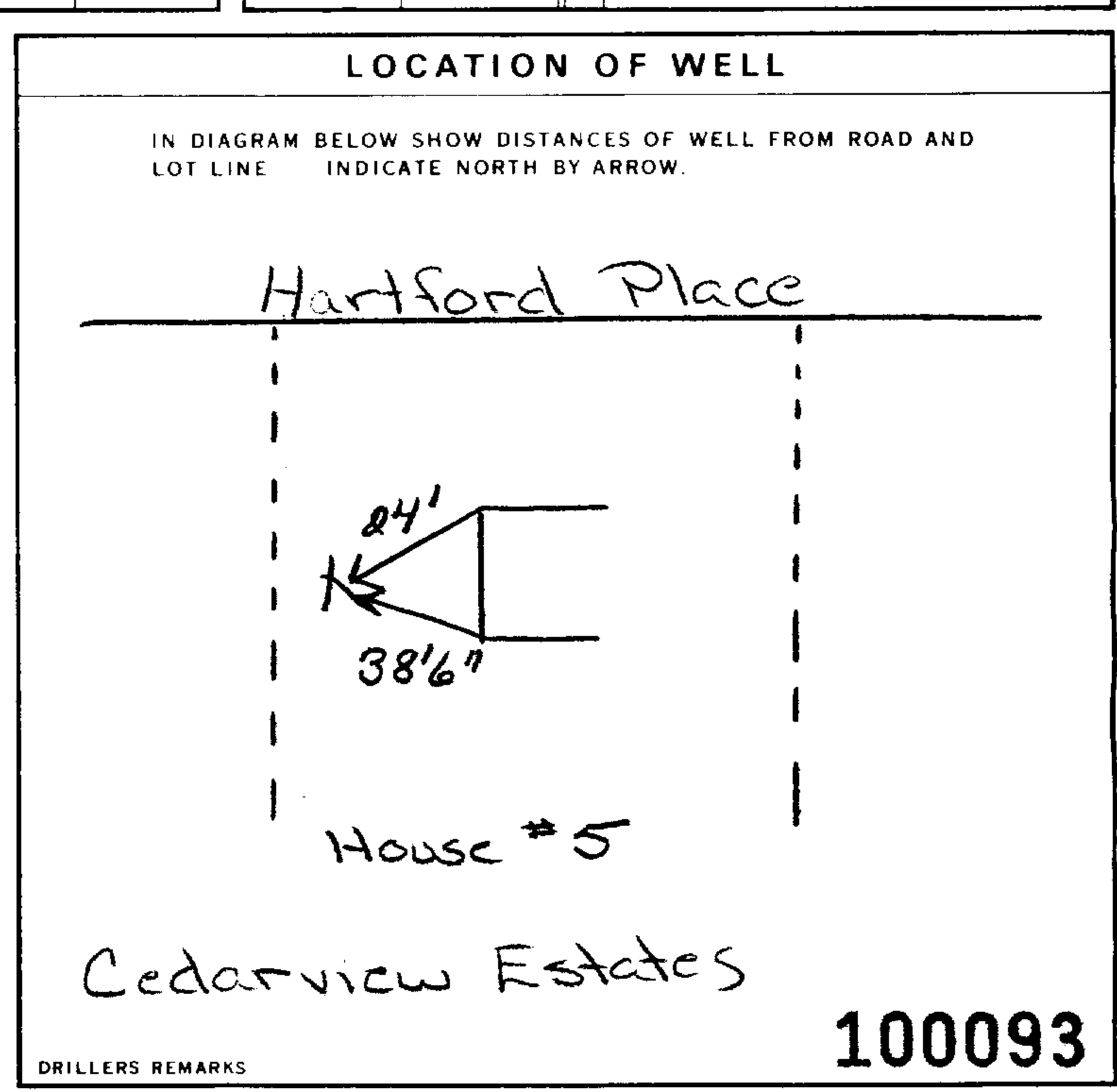
| | | | | | | | | |
|----|--|--|--|--|--|--|--|--|
| 31 | | | | | | | | |
| 32 | | | | | | | | |

| 41 WATER RECORD | | | |
|-----------------------|--|---|----|
| WATER FOUND AT - FEET | KIND OF WATER | | |
| 10-13 129 | 1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY | 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS | 14 |
| 15-18 | 1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY | 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS | 19 |
| 20-23 | 1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY | 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS | 24 |
| 25-28 | 1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY | 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS | 29 |
| 30-33 | 1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY | 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS | 34 |

| 51 CASING & OPEN HOLE RECORD | | | | |
|------------------------------|---|-----------------------|--------------|-------|
| INSIDE DIAM INCHES | MATERIAL | WALL THICKNESS INCHES | DEPTH - FEET | |
| | | | FROM | TO |
| 6 1/4 | 1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | .188 | 0 | 21.5 |
| 6 1/8 | 1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | | 21.5 | 135 |
| | 1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | | | 27-30 |

| 61 PLUGGING & SEALING RECORD | | | |
|------------------------------|-------|--|--|
| DEPTH SET AT - FEET | | MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER ETC) | |
| FROM | TO | | |
| 10-13 | 14-17 | grouted Cement (3) | |
| 18-21 | 22-25 | | |
| 26-29 | 30-33 | | |

| 71 PUMPING TEST | |
|--|--|
| PUMPING TEST METHOD 1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER | PUMPING RATE 30 GPM |
| DURATION OF PUMPING 1 <input type="checkbox"/> 15-16 HOURS 17-18 MINS | |
| STATIC LEVEL 6 FEET | WATER LEVEL END OF PUMPING 30 FEET |
| WATER LEVELS DURING 1 <input checked="" type="checkbox"/> PUMPING 2 <input type="checkbox"/> RECOVERY | |
| 15 MINUTES 30 FEET | 30 MINUTES 30 FEET |
| 45 MINUTES 30 FEET | 60 MINUTES 30 FEET |
| IF FLOWING, GIVE RATE GPM | PUMP INTAKE SET AT 30 FEET |
| RECOMMENDED PUMP TYPE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP | RECOMMENDED PUMP SETTING 75 FEET |
| | RECOMMENDED PUMPING RATE 15-30 GPM |



| 34 FINAL STATUS OF WELL | |
|--|---|
| 1 <input checked="" type="checkbox"/> WATER SUPPLY | 5 <input type="checkbox"/> ABANDONED, INSUFFICIENT SUPPLY |
| 2 <input type="checkbox"/> OBSERVATION WELL | 6 <input type="checkbox"/> ABANDONED POOR QUALITY |
| 3 <input type="checkbox"/> TEST HOLE | 7 <input type="checkbox"/> UNFINISHED |
| 4 <input type="checkbox"/> RECHARGE WELL | <input type="checkbox"/> DEWATERING |
| 55-56 WATER USE | |
| 1 <input checked="" type="checkbox"/> DOMESTIC | 5 <input type="checkbox"/> COMMERCIAL |
| 2 <input type="checkbox"/> STOCK | 6 <input type="checkbox"/> MUNICIPAL |
| 3 <input type="checkbox"/> IRRIGATION | 7 <input type="checkbox"/> PUBLIC SUPPLY |
| 4 <input type="checkbox"/> INDUSTRIAL | 8 <input type="checkbox"/> COOLING OR AIR CONDITIONING |
| <input type="checkbox"/> OTHER | 9 <input type="checkbox"/> NOT USED |
| 57 METHOD OF CONSTRUCTION | |
| 1 <input type="checkbox"/> CABLE TOOL | 6 <input type="checkbox"/> BORING |
| 2 <input type="checkbox"/> ROTARY (CONVENTIONAL) | 7 <input type="checkbox"/> DIAMOND |
| 3 <input type="checkbox"/> ROTARY (REVERSE) | 8 <input type="checkbox"/> JETTING |
| 4 <input type="checkbox"/> ROTARY (AIR) | 9 <input type="checkbox"/> DRIVING |
| 5 <input checked="" type="checkbox"/> AIR PERCUSSION | <input type="checkbox"/> DIGGING <input type="checkbox"/> OTHER |

| | | |
|------------|---|---|
| CONTRACTOR | NAME OF WELL CONTRACTOR Capital Water Supply Ltd. | WELL CONTRACTOR'S LICENCE NUMBER 1588 |
| | ADDRESS Box 490 Stittsville, Ontario K2S 1A6 | |
| | NAME OF WELL TECHNICIAN S. Miller | WELL TECHNICIAN'S LICENCE NUMBER T0097 |
| | SIGNATURE OF TECHNICIAN/CONTRACTOR <i>[Signature]</i> | SUBMISSION DATE DAY 13 MO 8 YR 91 |

| | | | |
|-----------------|--------------------|---------------------------|-------------------------------------|
| OFFICE USE ONLY | DATA SOURCE | CONTRACTOR 1558 | DATE RECEIVED OCT 02 1991 |
| | DATE OF INSPECTION | INSPECTOR | |
| | REMARKS | | |

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11 1526002 MUNICIPAL 15008 CON. R.F. 04

COUNTY OR DISTRICT: **Ottawa Carleton** TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: **Nepean** CON. BLOCK, TRACT, SURVEY ETC: **4** LOT: **21**

OWNER (SURNAME FIRST): **[REDACTED]** ADDRESS: **68 Springcrest Nepean, Ontario K2R 1B3** DATE COMPLETED: DAY **17** MO **10** YR **91**

21 ZONE EASTING NORTHING RC ELEVATION RC BASIN CODE

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

| GENERAL COLOUR | MOST COMMON MATERIAL | OTHER MATERIALS | GENERAL DESCRIPTION | DEPTH - FEET | |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
| | | | | FROM | TO |
| Brown | Hardpan | Boulders | Packed | 0 | 11 |
| Gray | Limestone | | Medium | 11 | 167 |
| Gray | Sandstone | | Hard | 167 | 205 |
| | | | | | |
| | | | | | |
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| | | | | | |

31 32

41 WATER RECORD

| WATER FOUND AT - FEET | KIND OF WATER |
|-----------------------|---|
| 10-13 | 1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |
| 125 | |
| 15-18 | 1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |
| 184 | |
| 20-23 | 1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |
| 202 | |
| 25-28 | 1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |
| 29 | |
| 30-33 | 1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS |
| 34-40 | |

51 CASING & OPEN HOLE RECORD

| INSIDE DIAM INCHES | MATERIAL | WALL THICKNESS INCHES | DEPTH - FEET | |
|--------------------|---|-----------------------|--------------|-------|
| | | | FROM | TO |
| 6 1/4 | 1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | .188 | 0 | 22 |
| 17-18 | 1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | | 20-23 | 22 |
| 6 | | | 22 | 205 |
| 24-25 | 1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC | | 26 | 27-30 |

SCREEN

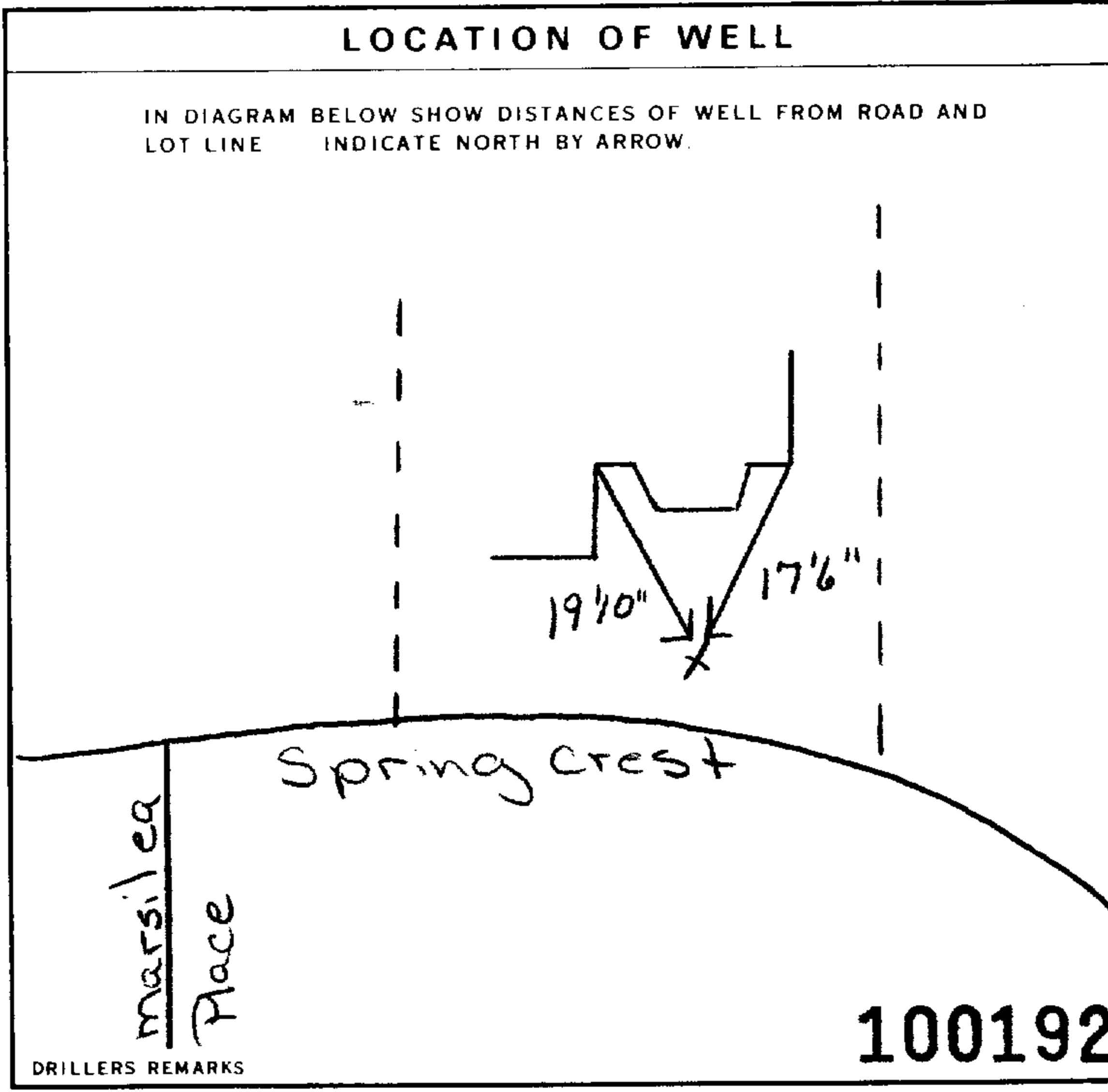
| SIZE OF OPENING (SLOT NO) | DIAMETER INCHES | LENGTH FEET |
|---------------------------|-----------------|------------------------------|
| 31-33 | 34-38 | 39-40 |
| MATERIAL AND TYPE | | DEPTH TO TOP OF SCREEN 41-44 |
| | | FEET 30 |

61 PLUGGING & SEALING RECORD

| DEPTH SET AT - FEET | MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC) |
|---------------------|---|
| 10-13 | Cement (3) |
| 18-21 | |
| 22-25 | |
| 26-29 | |
| 30-33 | |
| 40 | |

71 PUMPING TEST

| PUMPING TEST METHOD | PUMPING RATE | DURATION OF PUMPING |
|--|---|---|
| 1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER | 20 GPM | 1 15-16 HOURS 17-18 MINS |
| STATIC LEVEL | WATER LEVELS DURING | |
| 20 FEET | 1 <input checked="" type="checkbox"/> PUMPING | 2 <input type="checkbox"/> RECOVERY |
| 19-21 | 22-24 | 25-28 |
| 75 FEET | 75 FEET | 75 FEET |
| 26-28 | 29-31 | 32-34 |
| 75 FEET | 75 FEET | 75 FEET |
| 35-37 | | |
| 75 FEET | | |
| IF FLOWING GIVE RATE | PUMP INTAKE SET AT | WATER AT END OF TEST |
| | | 1 <input checked="" type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY |
| RECOMMENDED PUMP TYPE | RECOMMENDED PUMP SETTING | RECOMMENDED PUMPING RATE |
| <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP | 100 FEET | 5 GPM |



FINAL STATUS OF WELL

| | |
|--|---|
| 1 <input checked="" type="checkbox"/> WATER SUPPLY | 5 <input type="checkbox"/> ABANDONED, INSUFFICIENT SUPPLY |
| 2 <input type="checkbox"/> OBSERVATION WELL | 6 <input type="checkbox"/> ABANDONED POOR QUALITY |
| 3 <input type="checkbox"/> TEST HOLE | 7 <input type="checkbox"/> UNFINISHED |
| 4 <input type="checkbox"/> RECHARGE WELL | <input type="checkbox"/> DEWATERING |

WATER USE

| | |
|--|--|
| 1 <input type="checkbox"/> DOMESTIC | 5 <input type="checkbox"/> COMMERCIAL |
| 2 <input type="checkbox"/> STOCK | 6 <input type="checkbox"/> MUNICIPAL |
| 3 <input checked="" type="checkbox"/> IRRIGATION | 7 <input type="checkbox"/> PUBLIC SUPPLY |
| 4 <input type="checkbox"/> INDUSTRIAL | 8 <input type="checkbox"/> COOLING OR AIR CONDITIONING |
| <input type="checkbox"/> OTHER | 9 <input type="checkbox"/> NOT USED |

METHOD OF CONSTRUCTION

| | |
|--|---|
| 1 <input type="checkbox"/> CABLE TOOL | 6 <input type="checkbox"/> BORING |
| 2 <input type="checkbox"/> ROTARY (CONVENTIONAL) | 7 <input type="checkbox"/> DIAMOND |
| 3 <input type="checkbox"/> ROTARY (REVERSE) | 8 <input type="checkbox"/> JETTING |
| 4 <input type="checkbox"/> ROTARY (AIR) | 9 <input type="checkbox"/> DRIVING |
| 5 <input checked="" type="checkbox"/> AIR PERCUSSION | <input type="checkbox"/> DIGGING <input type="checkbox"/> OTHER |

CONTRACTOR NAME OF WELL CONTRACTOR: **Capital Water Supply Ltd.** WELL CONTRACTOR'S LICENCE NUMBER: **1558**

ADDRESS: **Box 490 Stittsville, Ontario K2S 1A6**

NAME OF WELL TECHNICIAN: **W. Kavanagh** WELL TECHNICIAN'S LICENCE NUMBER: **T0095**

SIGNATURE OF TECHNICIAN/CONTRACTOR: *[Signature]* SUBMISSION DATE: DAY **31** NO **10** YR **91**

OFFICE USE ONLY

DATA SOURCE: **1558** CONTRACTOR: **1558** DATE RECEIVED: **JAN 13 1992**

DATE OF INSPECTION: _____ INSPECTOR: _____

REMARKS: _____

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

11
1 2

1530351

Municipality 15008 Con. RF 04
10 14 15 22 23 24

| | | | |
|--|---|---|------------------|
| County or District Ottawa Carleton | Township/Borough/City/Town/Village Nepean | Con block tract survey, etc. 4 | Lot 21 |
| Owner's surname [REDACTED] | First name [REDACTED] | Address 155 Colonnade Rd. Nepean, Ontario K2E 7K1 | |
| | | Date completed 7 day 10 month 98 year | |

| LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions) | | | | | |
|--|----------------------|-----------------|---------------------|--------------|----|
| General colour | Most common material | Other materials | General description | Depth - feet | |
| | | | | From | To |
| Brown | Clay | Stones | Packed Fill | 0 | 4 |
| Brown | Clay | | | 4 | 12 |
| Gray | Clay | Stones | | 12 | 58 |
| Gray | Sand, Gravel | Boulders | | 58 | 89 |
| Gray | Sand | Colored Gravel | | 89 | 95 |
| GRAVEL WELL | | | | | |

| | |
|----|----|
| 31 | 32 |
|----|----|

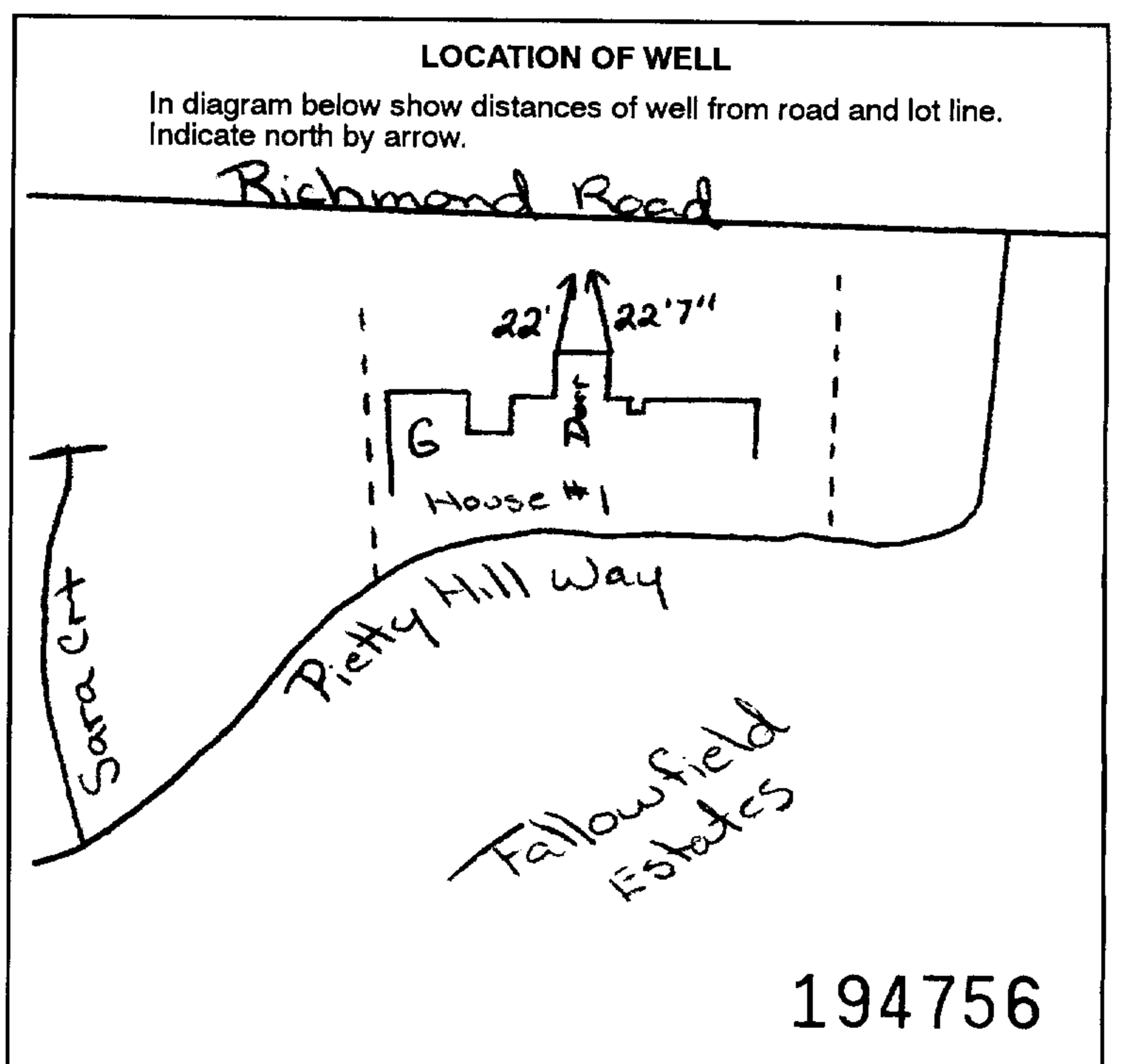
| 41 WATER RECORD | | | |
|-----------------------|--|---|----|
| Water found at - feet | Kind of water | | |
| 10-13 95 | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty | 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas | 14 |
| 15-18 | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty | 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas | 19 |
| 20-23 | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty | 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas | 24 |
| 25-28 | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty | 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas | 29 |
| 30-33 | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty | 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas | 34 |

| 51 CASING & OPEN HOLE RECORD | | | | | |
|------------------------------|--|-----------------------|--------------|----|-------|
| Inside diam inches | Material | Wall thickness inches | Depth - feet | | |
| | | | From | To | |
| 6 1/4 | 2 <input checked="" type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | .188 | 0 | 95 | 13-16 |
| 17-18 | 1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | | | | 20-23 |
| 24-25 | 1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | | | | 27-30 |

| | | | |
|--------|-----------------------------|------------------------|--------|
| SCREEN | Sizes of opening (Slot No.) | Diameter | Length |
| | | inches | feet |
| | Material and type | Depth at top of screen | |
| | | | feet |

| 61 PLUGGING & SEALING RECORD | | | |
|--|-------------------|---|--|
| <input checked="" type="checkbox"/> Annular space <input type="checkbox"/> Abandonment | | | |
| Depth set at - feet | | Material and type (Cement grout, bentonite, etc.) | |
| From | To | | |
| 10-13 65 | 14-17 0 | Grouted, Bentonite, cement | |
| 18-21 | 22-25 | | |
| 26-29 | 30-33 | | |

| | | | |
|--------------|--|----------------------------|--|
| PUMPING TEST | Pumping test method | Pumping rate | Duration of pumping |
| | 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer | 40 GPM | Hours: 1 Mins: 1 |
| | Static level | Water level end of pumping | Water levels during |
| | 19-21 11'10" | 22-24 40 feet | 1 <input type="checkbox"/> Pumping 2 <input type="checkbox"/> Recovery |
| | | 15 minutes | 30 minutes |
| | | 26-28 12 feet | 29-31 11'10" |
| | | 32-34 11'10" | 35-37 11'10" |
| | | | |
| | | | |



| FINAL STATUS OF WELL | | | |
|--|---|--|--|
| 1 <input type="checkbox"/> Water supply | 5 <input type="checkbox"/> Abandoned, insufficient supply | 9 <input type="checkbox"/> Unfinished | |
| 2 <input checked="" type="checkbox"/> Observation well | 6 <input type="checkbox"/> Abandoned, poor quality | 10 <input type="checkbox"/> Replacement well | |
| 3 <input type="checkbox"/> Test hole | 7 <input type="checkbox"/> Abandoned (Other) | | |
| 4 <input type="checkbox"/> Recharge well | 8 <input type="checkbox"/> Dewatering | | |

| WATER USE | | | |
|---|---|-------------------------------------|--|
| 1 <input type="checkbox"/> Domestic | 5 <input type="checkbox"/> Commercial | 9 <input type="checkbox"/> Not used | |
| 2 <input checked="" type="checkbox"/> Stock | 6 <input type="checkbox"/> Municipal | 10 <input type="checkbox"/> Other | |
| 3 <input type="checkbox"/> Irrigation | 7 <input type="checkbox"/> Public supply | | |
| 4 <input type="checkbox"/> Industrial | 8 <input type="checkbox"/> Cooling & air conditioning | | |

| METHOD OF CONSTRUCTION | | | |
|--|--|-------------------------------------|--|
| 1 <input type="checkbox"/> Cable tool | 5 <input checked="" type="checkbox"/> Air percussion | 9 <input type="checkbox"/> Driving | |
| 2 <input type="checkbox"/> Rotary (conventional) | 6 <input type="checkbox"/> Boring | 10 <input type="checkbox"/> Digging | |
| 3 <input type="checkbox"/> Rotary (reverse) | 7 <input type="checkbox"/> Diamond | 11 <input type="checkbox"/> Other | |
| 4 <input type="checkbox"/> Rotary (air) | 8 <input type="checkbox"/> Jetting | | |

| | |
|---|---|
| Name of Well Contractor Capital Water Supply Ltd. | Well Contractor's Licence No. 1558 |
| Address P.O. Box 490 Stittsville, Ontario K2S 1A6 | |
| Name of Well Technician S. Miller | Well Technician's Licence No. T0097 |
| Signature of Technician/Contractor <i>Halter Kwansah</i> | |
| Submission date day 8 mo 10 y 98 | |

| | | | |
|-------------------|--------------------|-------------|--------------------|
| MINISTRY USE ONLY | Data source | Contractor | Date received |
| | | 1558 | DEC 08 1998 |
| | Date of inspection | Inspector | |
| Remarks | | | CSS. ES9 |

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

11

1530498

Municipality 15008 Con 04

County or District: **Ottawa Carleton** Township/Borough/City/Town/Village: **Nepean** Con block tract survey, etc. Lot: **4 24**

Owner's surname: **Durell Construction Ltd.** First name: **85 Steeple Chase Dr. Kanata, Ontario K2M 2E7** Address: **85 Steeple Chase Dr. Kanata, Ontario K2M 2E7** Date completed: **14 day 4 month 99 year**

Zone: **U** Easting: **12** Northing: **17** RC: **25** Elevation: **26** RC: **30** Basin Code: **ii**

| General colour | Most common material | Other materials | General description | Depth - feet | |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
| | | | | From | To |
| Brown | Soil | Stones | Packed | 0 | 6 |
| Gray | Sand & Gravel | | Wet | 6 | 9 |
| Gray | Limestone | Soft Layers | Medium | 9 | 52 |
| Gray | Limestone | | Hard | 52 | 165 |
| Gray & White | Sandstone | | Very Hard | 165 | 200 |

31

32

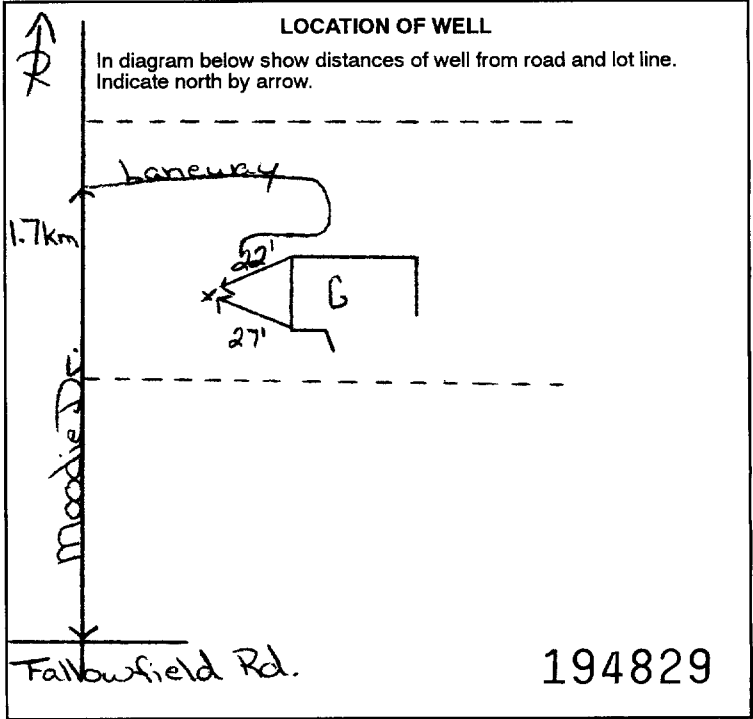
| Water found at - feet | Kind of water |
|----------------------------|---|
| 10-13 129 | 1 <input type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas |
| 15-18 189 | 1 <input type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas |
| 20-23 NOT TESTED | 1 <input type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas |
| 25-28 | 1 <input type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas |
| 30-33 | 1 <input type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas |

| Inside diam inches | Material | Wall thickness inches | Depth - feet | |
|--------------------|---|-----------------------|--------------|-----|
| | | | From | To |
| 6 1/4 | 1 <input checked="" type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | .188 | 0 | 21 |
| 6 | 1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input checked="" type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | | 21 | 200 |
| 24-25 | 1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | | | |

| Sizes of opening (Slot No.) | Diameter inches | Length feet |
|-----------------------------|-----------------|------------------------|
| Material and type | | Depth at top of screen |

| Depth set at - feet | | Material and type (Cement grout, bentonite, etc.) |
|---------------------|-------|---|
| From | To | |
| 10-13 | 14-17 | Grouted Cement (3) |
| 18-21 | 22-25 | |
| 26-29 | 30-33 | |

| Pumping test method | Pumping rate | Duration of pumping |
|--|-------------------------|--------------------------------|
| 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer | 300 GPM | Hours: 1 Mins |
| Static level | Water level during | Water levels during |
| 19-21 16.4 feet | 22-24 50 feet | 15 minutes 16.8 feet |
| | | 30 minutes 16.8 feet |
| | | 45 minutes 16.5 feet |
| | | 60 minutes 16.4 feet |
| If flowing give rate | Pump intake set at | Water at end of test |
| | 75 feet | 5 GPM |



FINAL STATUS OF WELL

1 Water supply 5 Abandoned, insufficient supply 9 Unfinished
2 Observation well 6 Abandoned, poor quality 10 Replacement well
3 Test hole 7 Abandoned (Other)
4 Recharge well 8 Dewatering

WATER USE

1 Domestic 5 Commercial 9 Not used
2 Stock 6 Municipal 10 Other
3 Irrigation 7 Public supply
4 Industrial 8 Cooling & air conditioning

METHOD OF CONSTRUCTION

1 Cable tool 5 Air percussion 9 Driving
2 Rotary (conventional) 6 Boring 10 Digging
3 Rotary (reverse) 7 Diamond 11 Other
4 Rotary (air) 8 Jetting

Name of Well Contractor: **Capital Water Supply Ltd.** Well Contractor's Licence No.: **1558**

Address: **P.O. Box 490 Stittsville, Ontario K2S 1A6**

Name of Well Technician: **S. Miller** Well Technician's Licence No.: **T0095**

Signature of Technician/Contractor: *S. Miller* Submission date: **day 16 mo 4 yr 99**

MINISTRY USE ONLY

Data source: **1558** Contractor: **1558** Date received: **MAY 14 1999**

Date of inspection: Inspector: **CSS.ES9**

Remarks:

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

11

1532254

Municipality
15008

Con.
CON 04

| | | | | | |
|--|--|---|-------------------------------|--|---|
| County or District Ottawa Carleton | | Township/Borough/City/Town/Village Nepean Roadway Front | | Con block tract survey, etc. 4 | Lot 24 |
| Owner's surname Patterson Associates | | First Name | Address Ottawa, Ont | | Date completed 26 07 01 day month year |

Zone Easting Northing RC Elevation RC Basin Code ii iii iv

| LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions) | | | | | |
|--|----------------------|-----------------|---------------------|--------------|-----|
| General colour | Most common material | Other materials | General description | Depth - feet | |
| | | | | From | To |
| | Sand | | | 0 | 4 |
| grey | limestone | | | 4 | 140 |

31 32

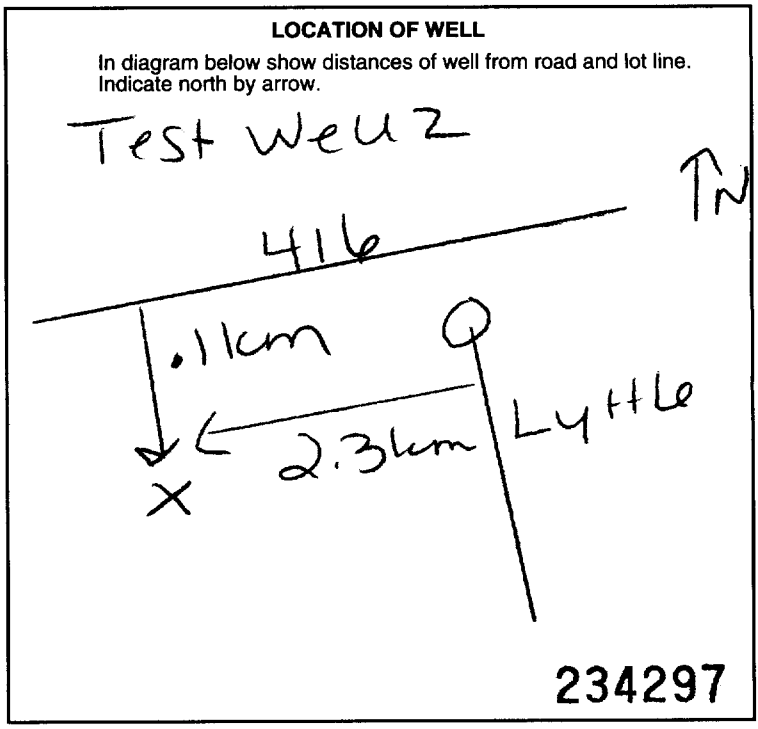
| 41 WATER RECORD | | | |
|-----------------------|--|--|----|
| Water found at - feet | Kind of water | | |
| 10-13 134 | 1 <input checked="" type="checkbox"/> Fresh 2 <input checked="" type="checkbox"/> Salty | 3 <input checked="" type="checkbox"/> Sulphur 4 <input checked="" type="checkbox"/> Minerals 5 <input checked="" type="checkbox"/> Gas | 14 |
| 15-18 | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty | 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas | 19 |
| 20-23 | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty | 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas | 24 |
| 25-28 | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty | 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas | 29 |
| 30-33 | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty | 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas | 34 |

| 51 CASING & OPEN HOLE RECORD | | | | |
|------------------------------|---|-----------------------|--------------|-----|
| Inside diam inches | Material | Wall thickness inches | Depth - feet | |
| | | | From | To |
| 10-11 6 1/4 | 1 <input checked="" type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | 188 | 0 | 22 |
| 17-18 8 3/4 | 1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | | 0 | 20 |
| 24-25 6 | 1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input checked="" type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | | 20 | 140 |

| SCREEN | Sizes of opening (Slot No.) | Diameter | Length |
|--------|-----------------------------|----------|------------------------|
| | inches | inches | feet |
| | Material and type | | Depth at top of screen |
| | | | feet |

| 61 PLUGGING & SEALING RECORD | | | |
|------------------------------|--------------------|---|--|
| Annular space | | Abandonment | |
| Depth set at - feet | | Material and type (Cement grout, bentonite, etc.) | |
| From | To | | |
| 20-13 2 | 14-17 22 | Cement grout | |
| 18-21 | 22-25 | | |
| 26-29 | 30-33 | | |

| 71 PUMPING TEST | | | |
|---|----------------------------|------------------------------------|---|
| Pumping test method | Pumping rate | Duration of pumping | |
| 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailor | 15 GPM | 15-18 1 Hours | 17-18 Mins |
| Static level | Water level end of pumping | Water levels during | |
| 19-21 11 feet | 22-24 120 feet | 1 <input type="checkbox"/> Pumping | 2 <input checked="" type="checkbox"/> Recovery |
| If flowing give rate | | Pump intake set at | Water at end of test |
| GPM | | feet | <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy |
| Recommended pump type | Recommended pump setting | Recommended pump rate | |
| <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep | 120 feet | 15 GPM | |



| 54 FINAL STATUS OF WELL | | | |
|---|---|--|--|
| 1 <input type="checkbox"/> Water supply | 5 <input type="checkbox"/> Abandoned, insufficient supply | 9 <input type="checkbox"/> Unfinished | |
| 2 <input type="checkbox"/> Observation well | 6 <input type="checkbox"/> Abandoned, poor quality | 10 <input type="checkbox"/> Replacement well | |
| 3 <input checked="" type="checkbox"/> Test hole | 7 <input type="checkbox"/> Abandoned (Other) | | |
| 4 <input type="checkbox"/> Recharge well | 8 <input type="checkbox"/> Dewatering | | |

| 55-56 WATER USE | | | |
|---------------------------------------|---|---|--|
| 1 <input type="checkbox"/> Domestic | 5 <input type="checkbox"/> Commercial | 9 <input checked="" type="checkbox"/> Not use | |
| 2 <input type="checkbox"/> Stock | 6 <input type="checkbox"/> Municipal | 10 <input type="checkbox"/> Other | |
| 3 <input type="checkbox"/> Irrigation | 7 <input type="checkbox"/> Public supply | | |
| 4 <input type="checkbox"/> Industrial | 8 <input type="checkbox"/> Cooling & air conditioning | | |

| 57 METHOD OF CONSTRUCTION | | | |
|--|--|-------------------------------------|--|
| 1 <input type="checkbox"/> Cable tool | 5 <input checked="" type="checkbox"/> Air percussion | 9 <input type="checkbox"/> Driving | |
| 2 <input type="checkbox"/> Rotary (conventional) | 6 <input type="checkbox"/> Boring | 10 <input type="checkbox"/> Digging | |
| 3 <input type="checkbox"/> Rotary (reverse) | 7 <input type="checkbox"/> Diamond | 11 <input type="checkbox"/> Other | |
| 4 <input type="checkbox"/> Rotary (air) | 8 <input type="checkbox"/> Jetting | | |

| | |
|--|---|
| Name of Well Contractor Air Rock Drilling Ltd | Well Contractor's Licence No. 1119 |
| Address RR #2 Jasper, Ont | |
| Name of Well Technician Shannon Purcell | Well Technician's Licence No. T2122 |
| Signature of Technician/Contractor <i>[Signature]</i> | Submission date 26 07 01 day mo yr |

| MINISTRY USE ONLY | Data source | Contractor | Date received |
|-------------------|--------------------|-------------|--------------------|
| | | 1119 | SEP 20 2001 |
| | Date of inspection | Inspector | |
| Remarks | | | |
| CSS.ES1 | | | |

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

11

1533716

Municipality 15008 Con. RF 04

| | | | |
|--|---|--|------------------|
| County or District Ottawa Carleton | Township/Borough/City/Town/Village Nepean | Con block tract survey, etc. 4 | Lot 23 |
| Address Nepean, Ont | | Date completed 20 03 03 day month year | |

Northings: 10, 12, 17, 18, 24, 25, 26, 30, 31
Elevations: RC, RC
Basin Code: ii, iii, iv

| LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions) | | | | | |
|--|----------------------|---------------------|---------------------|--------------|------------|
| General colour | Most common material | Other materials | General description | Depth - feet | |
| | | | | From | To |
| | sandy clay | | | 0 | 7 |
| grey | limestone | | | 7 | 121 |
| grey | sand stone | mixed quartz | | 121 | 223 |

31, 32

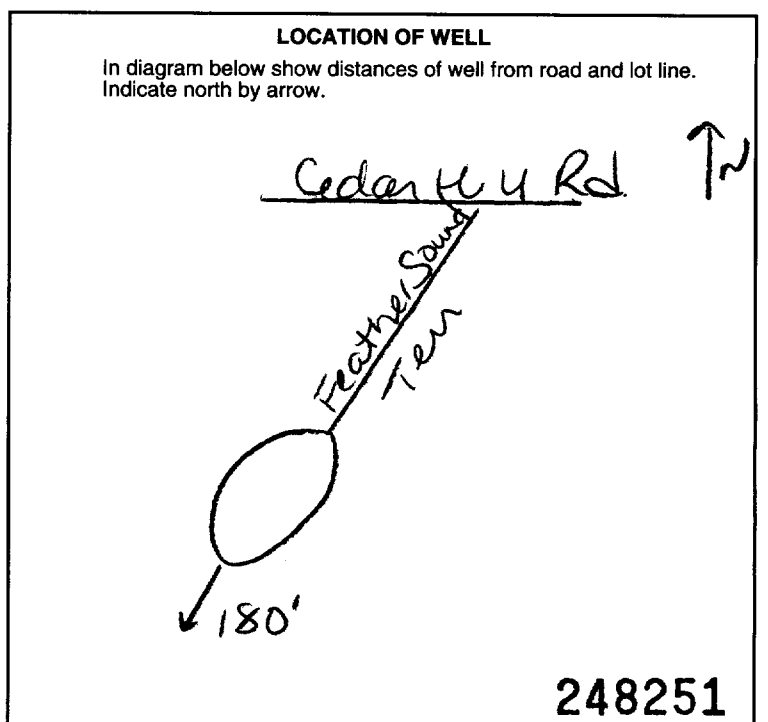
| 41 WATER RECORD | |
|-----------------------|---|
| Water found at - feet | Kind of water |
| 129 | 1 <input type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 14 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 15 5 <input type="checkbox"/> Gas 6 <input type="checkbox"/> Other 16 |
| 152 | 1 <input type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 19 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 20 5 <input type="checkbox"/> Gas 6 <input type="checkbox"/> Other 21 |
| 164 | 1 <input type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 24 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 25 5 <input type="checkbox"/> Gas 6 <input type="checkbox"/> Other 26 |
| 173 | 1 <input type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 29 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 30 5 <input type="checkbox"/> Gas 6 <input type="checkbox"/> Other 31 |
| 192 | 1 <input type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 34 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 35 5 <input type="checkbox"/> Gas 6 <input type="checkbox"/> Other 36 |

| 51 CASING & OPEN HOLE RECORD | | | | |
|------------------------------|--|-----------------------|--------------|------------|
| Inside diam inches | Material | Wall thickness inches | Depth - feet | |
| | | | From | To |
| 8 | 1 <input checked="" type="checkbox"/> Steel 12 2 <input type="checkbox"/> Galvanized 13 3 <input type="checkbox"/> Concrete 14 4 <input type="checkbox"/> Open hole 15 5 <input type="checkbox"/> Plastic 16 | 188 | 0 | 22 |
| 12 | 1 <input type="checkbox"/> Steel 19 2 <input type="checkbox"/> Galvanized 20 3 <input type="checkbox"/> Concrete 21 4 <input checked="" type="checkbox"/> Open hole 22 5 <input type="checkbox"/> Plastic 23 | | 0 | 20 |
| 8 | 1 <input type="checkbox"/> Steel 26 2 <input type="checkbox"/> Galvanized 27 3 <input type="checkbox"/> Concrete 28 4 <input checked="" type="checkbox"/> Open hole 29 5 <input type="checkbox"/> Plastic 30 | | 20 | 223 |

| SCREEN | 31-33 Sizes of opening (Slot No.) | | 34-38 Diameter inches | | 39-40 Length feet | |
|--------|-----------------------------------|----|-----------------------|----|-------------------|----|
| | From | To | From | To | From | To |
| | | | | | | |

| 61 PLUGGING & SEALING RECORD | | |
|---|-----------|---|
| Annular space <input type="checkbox"/> Abandonment <input type="checkbox"/> | | |
| Depth set at - feet | | Material and type (Cement grout, bentonite, etc.) |
| From | To | |
| 2 | 22 | cement grout |

| 71 PUMPING TEST | |
|---|---|
| Pumping test method 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer | Pumping rate 90+ GPM |
| Static level 2 feet | Water level end of pumping 210 feet |
| Water levels during 15 minutes 2 feet | 30 minutes 2 feet |
| 45 minutes 2 feet | 60 minutes 2 feet |
| If flowing give rate GPM | Pump intake set at feet 210 |
| Recommended pump type <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep | Recommended pump setting feet 210 |
| | Water at end of test <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy |
| | Recommended pump rate GPM 90+ |



| FINAL STATUS OF WELL | | |
|--|---|--|
| 1 <input checked="" type="checkbox"/> Water supply | 5 <input type="checkbox"/> Abandoned, insufficient supply | 9 <input type="checkbox"/> Unfinished |
| 2 <input type="checkbox"/> Observation well | 6 <input type="checkbox"/> Abandoned, poor quality | 10 <input type="checkbox"/> Replacement well |
| 3 <input type="checkbox"/> Test hole | 7 <input type="checkbox"/> Abandoned (Other) | |
| 4 <input type="checkbox"/> Recharge well | 8 <input type="checkbox"/> Dewatering | |

| WATER USE | | |
|---------------------------------------|---|---|
| 1 <input type="checkbox"/> Domestic | 5 <input type="checkbox"/> Commercial | 9 <input type="checkbox"/> Not used |
| 2 <input type="checkbox"/> Stock | 6 <input type="checkbox"/> Municipal | 10 <input checked="" type="checkbox"/> Other Golf Course |
| 3 <input type="checkbox"/> Irrigation | 7 <input type="checkbox"/> Public supply | |
| 4 <input type="checkbox"/> Industrial | 8 <input type="checkbox"/> Cooling & air conditioning | |

| METHOD OF CONSTRUCTION | | |
|--|--|-------------------------------------|
| 1 <input type="checkbox"/> Cable tool | 5 <input checked="" type="checkbox"/> Air percussion | 9 <input type="checkbox"/> Driving |
| 2 <input type="checkbox"/> Rotary (conventional) | 6 <input type="checkbox"/> Boring | 10 <input type="checkbox"/> Digging |
| 3 <input type="checkbox"/> Rotary (reverse) | 7 <input type="checkbox"/> Diamond | 11 <input type="checkbox"/> Other |
| 4 <input type="checkbox"/> Rotary (air) | 8 <input type="checkbox"/> Jetting | |

| | |
|--|---|
| Name of Well Contractor Art Koch Drilling Ltd | Well Contractor's Licence No. 1119 |
| Address RR#1 Richmond, Ont | |
| Name of Well Technician Shannon Durwell | Well Technician's Licence No. 12122 |
| Signature of Technician/Contractor <i>[Signature]</i> | Submission date 11 04 03 day mo yr |

| MINISTRY USE ONLY | |
|----------------------------|-------------------------------------|
| Data source 1119 | Date received MAY 08 2003 |
| Date of inspection | Inspector |
| Remarks | |
| CSS.ES3 | |



A 023103

A 023103

Instructions for Completing Form

- For use in the Province of Ontario only. This document is a permanent legal document. Please retain for future reference.
- All Sections must be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.
- Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.
- All metre measurements shall be reported to 1/10th of a metre.
- Please print clearly in blue or black ink only.

Ministry Use Only

Address of Well Location (County/District/Municipality) **OTTAWA-CARLETON** Township **NEPEAN** Lot **24** Concession **4**

RR#/Street Number/Name **#965 MOODIE DRIVE** City/Town/Village **NEPEAN** Site/Compartment/Block/Tract etc. **MAGELAN**

GPS Reading **18 436705 501466** Unit Make/Model **MAGELAN** Mode of Operation: Undifferentiated Averaged Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

| General Colour | Most common material | Other Materials | General Description | Depth Metres | |
|----------------|-----------------------------------|-----------------|---------------------|--------------|-------|
| | | | | From | To |
| | ROCKY EARTH | | | 0 | 1.52 |
| GREY | LIMESTONE | | | 1.52 | 48.76 |
| GREY | WHITE LIMESTONE - MIXED SANDSTONE | | | 48.76 | 67.05 |

| Hole Diameter | | | Construction Record | | | | Test of Well Yield | | | | | |
|--|-----------|----------------------|-------------------------|----------|----------------------------|------------|-------------------------------------|---------------------|--------------------|--------------------|-------------------|--------------------|
| Depth From | Metres To | Diameter Centimetres | Inside diam centimetres | Material | Wall thickness centimetres | Depth From | Metres To | Pumping test method | Draw Down Time min | Water Level Metres | Recovery Time min | Water Level Metres |
| 0 | 67.05 | 15.23 | 15.88 | Steel | .48 | 0 | 6.70 | Sub Pump | 36.57 | 4.65 | 16.65 | |
| Water Record | | | Screen | | | | Pumping rate - (litres/min) | | | | | |
| Water found at 56.33 m | | | Outside diam | | | | Pumping rate - (litres/min) | | | | | |
| Kind of Water | | | Slot No. | | | | Duration of pumping | | | | | |
| Fresh <input type="checkbox"/> Sulphur <input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals <input type="checkbox"/> Other: NOT TESTED | | | No Casing or Screen | | | | Final water level end of pumping | | | | | |
| Fresh <input type="checkbox"/> Sulphur <input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals <input type="checkbox"/> Other: NOT TESTED | | | X Open hole | | | | Recommended pump type | | | | | |
| After test of well yield, water was | | | 6.09 | | | | Recommended pump rate | | | | | |
| Clear and sediment free <input type="checkbox"/> | | | 67.05 | | | | Recommended pump depth | | | | | |
| Other, specify: CLOUDY, NOT TESTED | | | | | | | Recommended pump rate | | | | | |
| Chlorinated <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | If flowing give rate - (litres/min) | | | | | |

Plugging and Sealing Record

Depth set at - Metres From **6.09** To **0** Material and type (bentonite slurry, neat cement slurry) etc. **NEAT CEMENT SLURRY** Volume Placed (cubic metres) **.1362**

Method of Construction

Cable Tool Rotary (air) Diamond Digging Rotary (conventional) Air percussion Jetting Other Rotary (reverse) Boring Driving

Water Use

Domestic Industrial Public Supply Other Stock Commercial Not used Irrigation Municipal Cooling & air conditioning

Final Status of Well

Water Supply Recharge well Unfinished Abandoned, (Other) Observation well Abandoned, insufficient supply Dewatering Test Hole Abandoned, poor quality Replacement well

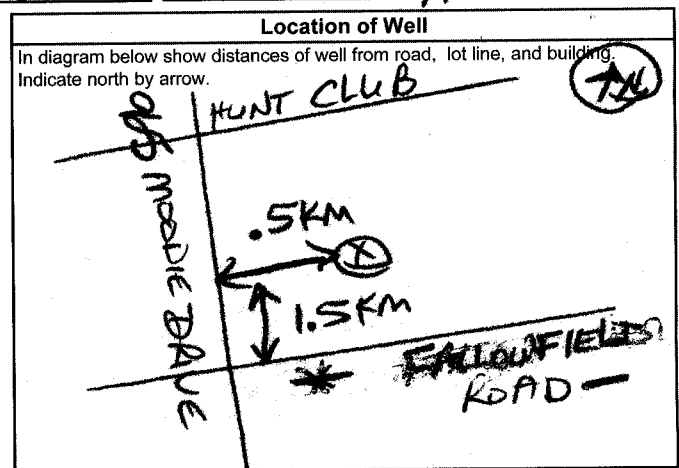
Well Contractor/Technician Information

Name of Well Contractor **AIR ROCK DRILLING CO LTD** Well Contractor's Licence No. **1119**

Business Address (street name, number, city etc.) **1 RICHMOND ST K0A 2R0**

Name of Well Technician (last name, first name) **JURCELL SHANNON** Well Technician's Licence No. **T0120**

Signature of Technician/Contractor **Jurcell Shannon** Date Submitted **2004 12 23**



Audit No. **Z 14700** Date Well Completed **2004 12 17**

Was the well owner's information package delivered? Yes No Date Delivered **2004 12 20**

Ministry Use Only

Data Source **1119**

Date Received **JAN 10 2005** Date of Inspection **2004 12 17**

Remarks Well Record Number

Instructions for Completing Form

- For use in the Province of Ontario only. This document is a permanent legal document. Please retain for future reference. All Sections must be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form. Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203. All metre measurements shall be reported to 1/10th of a metre. Please print clearly in blue or black ink only.

Well Owner's Information and Location of Well Information

Ministry Use Only
MUN CON LOT

RR#/Street Number/Name: O'KEEFE COURT
City/Town/Village: NEPEAN
Site/Compartment/Block/Tract etc: PLAN SR13897
GPS Reading: NAD 83 Zone 18 Easting 421428 Northing 5013800 Unit Make/Model: MASELAN Mode of Operation: X

Log of Overburden and Bedrock Materials (see instructions)

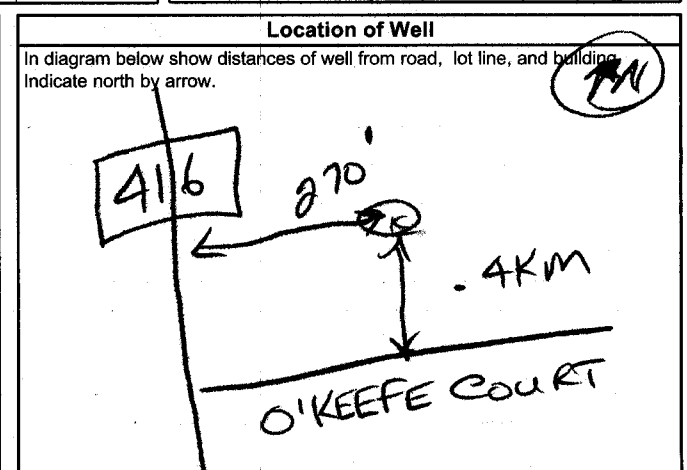
Table with columns: General Colour, Most common material, Other Materials, General Description, Depth From, Metres To. Handwritten entries: GRAVEL, LIME STONE, 0 to 5.49, 5.49 to 43.28.

Hole Diameter: Depth 0 to 43.28, Diameter 15.24
Water Record: Kind of Water: NOT TESTED
After test of well yield, water was: NOT TESTED
Chlorinated: Yes

Construction Record: Inside diam 15.88, Material Steel, Wall thickness .48, Depth 0 to 7.31
Screen: No Casing or Screen, Open hole, Depth 6.71 to 43.28

Test of Well Yield: Pumping test method: Sublump
Pump intake static level: 3.59
Pumping rate: 113.75
Duration of pumping: 2 hrs + 0 min
Final water level and of pumping: 5.28 metres
Recommended pump type: X
Recommended pump depth: 33.33 metres
Recommended pump rate: 113.75 (litres/min)
If flowing give rate: 20 to 60 (litres/min)

Plugging and Sealing Record: Depth set at 6.71 to 3.66
Material and type: NEAT CEMENT SLURRY, BENTONITE SLURRY
Volume Placed: .0908, .368

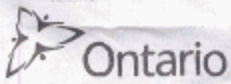


Method of Construction: Air percussion
Water Use: Domestic
Final Status of Well: Water Supply

Audit No. Z 30789
Date Well Completed: 2005 08 04
Date Delivered: 2005 08 04

Well Contractor/Technician Information: Name of Well Contractor: AIR ROCK DRILLING CO LTD
Well Contractor's Licence No.: T1119
Business Address: RR#1 RICHMOND ONT K0A2Z0
Name of Well Technician: MURCELL SHANNON
Well Technician's Licence No.: T2122
Signature of Technician/Contractor: x [Signature]
Date Submitted: 2005 09 06

Ministry Use Only: Data Source, Contractor: 1119
Date Received: SEP 26 2005
Date of Inspection:
Remarks, Well Record Number



Ministry of the Environment

A113203

Well Record (Print Below)

Well Record

Regulation 903 Ontario Water Resources Act

Measurements recorded in: Metric Imperial

Page of

Well Owner's Information

First Name, Last Name / Organization (200 Dibble c/o Colautti Group), E-mail Address, Mailing Address (2562 Del Zotto Avenue), Municipality (Gloucester), Province (ON), Postal Code (K1T 3V7), Telephone No.

Well Location

Address of Well Location (200 Dibble Road), Township (Rideau Front), Lot (P/L20+21 4), Concession (4), County/District/Municipality (Ottawa Carleton), City/Town/Village (Nepean), Province (Ontario), UTM Coordinates, Northing (5013728), Municipal Plan and Sublot Number (PLAN RP51R13897 PART #12)

Overburden and Bedrock Materials/Abandonment Sealing Record

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (From/To). Includes entries for Sand & Gravel + Rock, Limestone, Shale, and Sandstone + Limestone Mix.

TEST WELL # 3

Annular Space table with columns: Depth Set at (From/To), Type of Sealant Used, Volume Placed.

Method of Construction and Well Use checkboxes. Includes options like Cable Tool, Rotary, Boring, Air percussion, and various well uses like Domestic, Commercial, etc.

Construction Record - Casing table with columns: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth (From/To), Status of Well.

Construction Record - Screen table with columns: Outside Diameter, Material, Slot No., Depth (From/To), Status of Well.

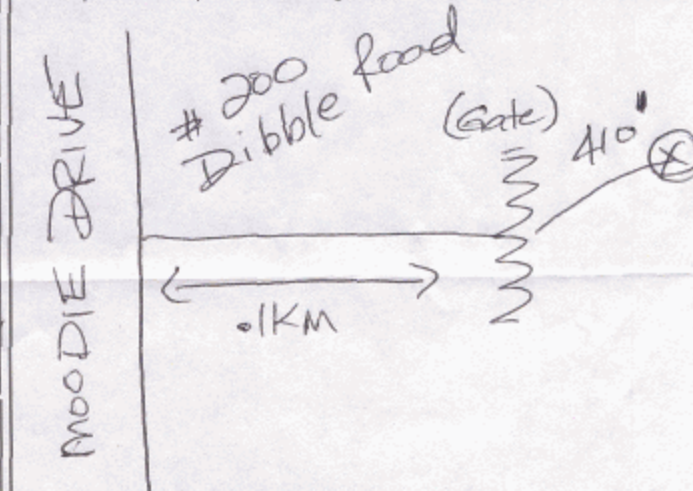
Water Details and Hole Diameter tables. Includes water found at depth and hole diameter information.

Well Contractor and Well Technician Information. Includes Business Name (Air Rock Drilling Co. Ltd.), Address, Licence No., and Technician Name (Purcell, Shannon).

Well Contractor and Well Technician Information (continued). Includes Province, Postal Code, Business E-mail Address, and Date Submitted.

Results of Well Yield Testing table. Includes columns for Draw Down (Time, Water Level) and Recovery (Time, Water Level). Includes handwritten notes like 'Not tested' and '300'.

Map of Well Location



Comments: TEST WELL # 3

Ministry Use Only section. Includes Audit No. (z119899), Date Package Delivered (2011 06 08), and Date Work Completed (2011 05 19).

Measurements recorded in: Metric Imperial

Page ___ of ___

Well Owner's Information

| | | | |
|--------------------------------------|--------------|----------------|---|
| First Name | Last Name | E-mail Address | <input type="checkbox"/> Well Constructed by Well Owner |
| 200 Dibble c/o Colautti Group | | | |
| Mailing Address (Street Number/Name) | Municipality | Province | Postal Code |
| 2562 Del Zotto Avenue | Gloucester | ON | K1T 3V7 |
| Telephone No. (inc. area code) | | | |

Well Location

| | | | |
|---|-------------------|-----------|-------------|
| Address (Municipality/Street Number/Name) | Town | Plot | Concession |
| 200 Dibble Road | Rideau Front | P/L 20&21 | 4 |
| County/District/Municipality | City/Town/Village | Province | Postal Code |
| Ottawa-Carleton | Nepean | Ontario | |
| UTM Coordinates | Zone | Easting | Northing |
| NAD 83 | 18 | 437163 | 5013728 |
| Municipal Plan and Sublot Number | Other | | |
| RP51R13897 | Part # 12 | | |

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

| General Colour | Most Common Material | Other Materials | General Description | Depth (m/ft) | |
|-----------------------|----------------------|-----------------|---------------------|--------------|-----|
| | | | | From | To |
| | | Deepen Existing | | 0 | 620 |
| Grey & White | Sandstone | | | 620 | 654 |
| Redish Brown & Silver | Granite | | | 654 | 710 |
| Green & White | Granite & Quartz mix | | | 710 | 740 |

Deepen Existing - Tw #3 - May 19/11 - Audit # Z119899

| Annular Space | | |
|---------------------|--|------------------------|
| Depth Set at (m/ft) | Type of Sealant Used (Material and Type) | Volume Placed (m³/ft³) |
| From | To | |
| | | |

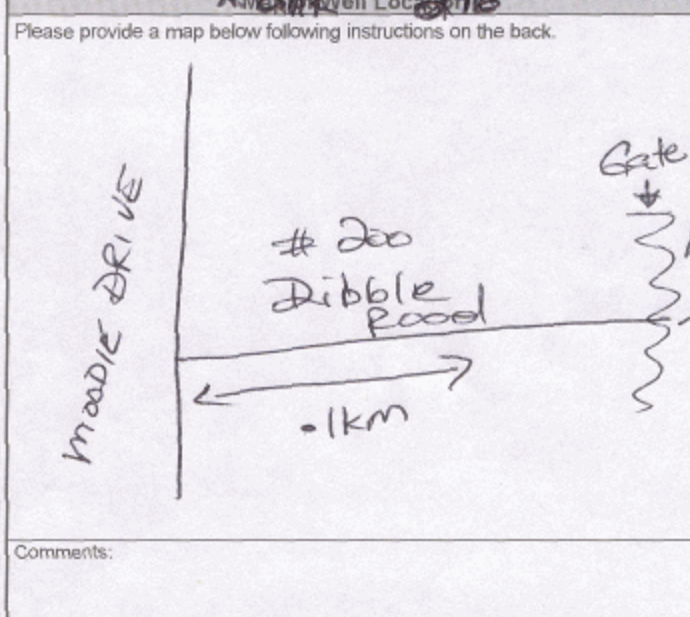
| Results of Well Yield Testing | | | | |
|---|--------------|--------------------|------------|--------------------|
| After test of well yield, water was: | Draw Down | | Recovery | |
| | Time (min) | Water Level (m/ft) | Time (min) | Water Level (m/ft) |
| <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify Not tested | | | | |
| If pumping discontinued, give reason: | Static Level | 51'4" | | 216' |
| <input checked="" type="checkbox"/> Pump intake set at (m/ft) 300 | 2 | 54'4" | 3 | 212'8" |
| Pumping rate (l/min / GPM) 24.5 | 5 | 64'2" | 5 | 210'2" |
| Duration of pumping 2 hrs + 0 min | 10 | 68'8" | 10 | 207'6" |
| Final water level end of pumping (m/ft) 141.8 | 15 | 75'6" | 15 | 204'4" |
| If flowing give rate (l/min / GPM) | 20 | 82'8" | 20 | 201'1" |
| <input checked="" type="checkbox"/> Recommended pump depth (m/ft) | 30 | 110'2" | 30 | 192'8" |
| | 40 | 116'2" | 40 | 185'7" |
| | 50 | 126'8" | 50 | 180'6" |
| | 60 | 141'6" | 60 | 178'3" |
| | 70 | 155'3" | 70 | 168'6" |
| | 80 | 168'4" | 80 | 165'2" |
| | 90 | 174'6" | 90 | 159'8" |
| | 100 | 186'7" | 100 | 156'7" |

| Method of Construction | | Well Use | | |
|--|----------------------------------|---|---|-------------------------------------|
| <input type="checkbox"/> Cable Tool | <input type="checkbox"/> Diamond | <input type="checkbox"/> Public | <input type="checkbox"/> Commercial | <input type="checkbox"/> Not used |
| <input type="checkbox"/> Rotary (Conventional) | <input type="checkbox"/> Jetting | <input 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 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, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify |
| | | | From | To | |
| | | | | | <input checked="" type="checkbox"/> Other, specify Deepen |

| Construction Record - Screen | | Water Details | | Hole Diameter | | |
|------------------------------|---------------------------------------|---------------|--------------|---|--------------|-----|
| Outside Diameter (cm/in) | Material (Plastic, Galvanized, Steel) | Slot No. | Depth (m/ft) | Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested | Depth (m/ft) | |
| | | | | | From | To |
| | | | | | 620 | 740 |
| | | | | | 5 3/4" | 740 |

| Well Contractor and Well Technician Information | | | |
|---|-------------------------------|-------------------------|--|
| Business Name of Well Contractor | Well Contractor's Licence No. | | |
| Air Rock Drilling Co. Ltd. | 1119 | | |
| Business Address (Street Number/Name) | Municipality | | |
| 6059 Franktown Road, RR#1 | Richmond | | |
| Province | Postal Code | Business E-mail Address | |
| ON | K0A 2Z0 | air-rock@sympatico.ca | |



| | | | |
|-------------------------------------|---|------------------------|-------------------|
| Bus. Telephone No. (inc. area code) | Name of Well Technician (Last Name, First Name) | Date Package Delivered | Ministry Use Only |
| 6138382170 | GRAHAM KEAN | 2011 08 08 | Audit No. Z119701 |
| Well Technician's Licence No. | Signature of Technician and/or Contractor | Date Work Completed | OCT 11 2011 |
| T3154 | <i>[Signature]</i> | 2011 08 30 | Received |



Measurements recorded in: Metric Imperial

Page ___ of ___

Well Owner's Information

First Name, Last Name / Organization (Tony Graham Motors Ltd), E-mail Address, Mailing Address (c/o Pri-Tec Construction Ltd 112 John Camp), Municipality (Cavanagh), Province (ON), Postal Code (K0A 1L0), Telephone No.

Well Location

Address of Well Location (201 Dibble Road), Township (Rideau Front), Lot (P/L 22), Concession (4), County/District/Municipality (Ottawa-Carleton), City/Town/Village (Napan), Province (Ontario), UTM Coordinates (NAD 83 18 437125 5013980)

Overburden and Bedrock Materials/Abandonment Sealing Record

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Rows include Broken Shale, Grey Limestone, Grey & Green Limestone, Grey & Green Limestone.

Annular Space: Depth Set at (40' to 0'), Type of Sealant Used (Neat cement), Volume Placed (14.0)

Method of Construction (Air percussion), Well Use (Domestic)

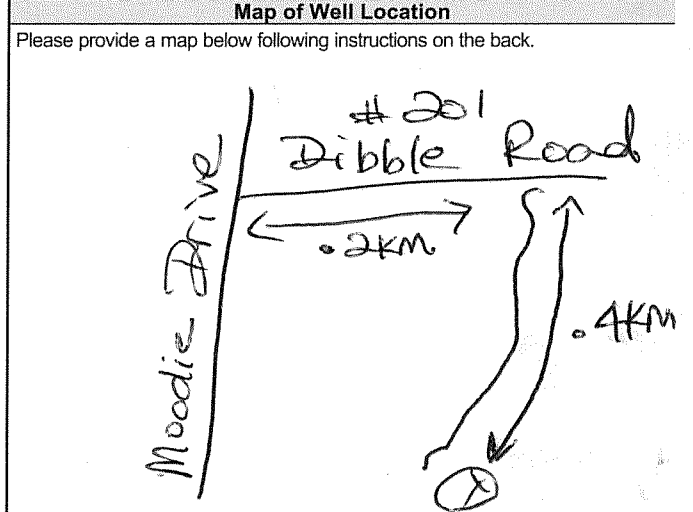
Construction Record - Casing: Inside Diameter (8 1/4", 5 15/16"), Open Hole OR Material (Steel, Open Hole), Wall Thickness (.188"), Depth (2' to 40', 40' to 500'), Status of Well (Water Supply)

Construction Record - Screen: Outside Diameter, Material, Slot No., Depth (m/ft)

Water Details: Water found at Depth (380'), Kind of Water (Fresh), Hole Diameter: Depth (0' to 40', 40' to 500'), Diameter (8 7/8", 5 15/16")

Well Contractor and Well Technician Information: Business Name (Air Rock Drilling Co. Ltd.), Well Contractor's Licence No. (1119), Business Address (6659 Franktown Road, RR#1), Municipality (Richmond), Province (ON), Postal Code (K0A 2Z0), Business E-mail Address (air-rock@sympatico.ca), Name of Well Technician (Purcell, Shannon), Well Technician's Licence No. (T2122), Signature of Technician and/or Contractor, Date Submitted (2012 08 31)

Results of Well Yield Testing: After test of well yield, water was (Not tested), Draw Down (Time, Water Level), Recovery (Time, Water Level), Pump intake set at (300), Pumping rate (3), Duration of pumping (41 hrs + 30 min), Final water level end of pumping (119.5'), If flowing give rate (3), Recommended pump depth (450'), Recommended pump rate (3), Well production (3), Disinfected? (Yes)



Comments: 1 HP - 5 GPM SET @ 450 FT

Well owner's information package delivered (Yes), Date Package Delivered (2012 07 04), Date Work Completed (2012 06 27), Ministry Use Only: Audit No. (Z 144701), Date (OCT 09 2012)



Measurements recorded in: Metric Imperial

Well Owner's Information

First Name, Last Name / Organization (Anahita Faryam-Manesh), E-mail Address, Mailing Address (38 Cedarhill Drive), Municipality (Nepean), Province (ON), Postal Code, Telephone No.

Well Location

Address of Well Location (38 Cedarhill Drive), Township (Nepean), Lot (55), Concession, County/District/Municipality (Ottawa-Carleton), City/Town/Village (Ottawa), Province (Ontario), Postal Code, UTM Coordinates (Zone, Easting, Northing), Municipal Plan and Sublot Number (M278), Other (Part 39)

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

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Rows include Sandy Clay & Boulders, Limestone, and Quartzite.

Annular Space table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Material and Type); Volume Placed (m³/ft³). Row: 20' to 0', Neat cement, 4.68.

Method of Construction and Well Use checkboxes. Method: Air percussion, Digging. Well Use: Domestic, Cooling & Air Conditioning.

Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To. Rows: 6 1/4" Steel, 5 1/8" Open Hole.

Construction Record - Screen table with columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From, To.

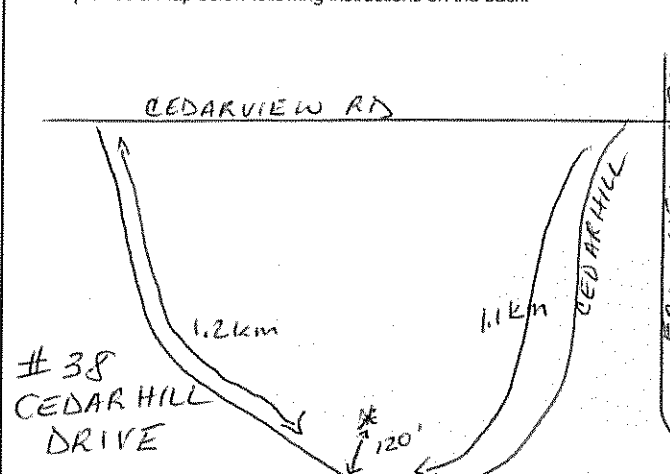
Water Details and Hole Diameter tables. Water found at 22' (Untested). Hole diameters: 9 3/4" at 20', 5 7/8" at 60'.

Well Contractor and Well Technician Information. Business Name: Air Rock Drilling Co. Ltd. Well Contractor's Licence No: 1119. Business Address: 6659 Franktown Road, RR#1, Richmond.

Province (ON), Postal Code (K0A 2Z0), Business E-mail Address (air-rock@sympatico.ca), Bus. Telephone No. (613-838-2170), Name of Well Technician (Hogan, Dan), Well Technician's Licence No. (T3058), Signature of Technician and/or Contractor, Date Submitted (2013/08/30).

Results of Well Yield Testing table with columns: Draw Down (Time, Water Level), Recovery (Time, Water Level). Includes pumping rate (20 GPM), duration (1 hr), and static level (23.9').

Map of Well Location



Comments:

Well owner's information package delivered (Yes), Date Package Delivered (2013/08/20), Date Work Completed (2013/08/20), Ministry Use Only (Audit No. 2155231, Received NOV 12 2013).



Ministry of the Environment

Tag#: A127976 (Print Below)

Well Record

Regulation 903 Ontario Water Resources Act

A127976

Page of

Measurements recorded in: Metric Imperial

Well Owner's Information:

First Name: _____ Last Name / Organization: **Primo Developments Inc.** E-mail Address: _____ Well Constructed by Well Owner

Mailing Address (Street Number/Name): **995 Moodie Drive South** Municipality: **Nepean** Province: **ON** Postal Code: **K2R 1H4** Telephone No. (inc. area code): _____

Well Location

Address of Well Location (Street Number/Name): **995 Moodie Drive South** Township: **Nepean** Lot: **R.F.P. 123** Concession: **4**

County/District/Municipality: **Ottawa-Carleton** City/Town/Village: **Nepean** Province: **Ontario** Postal Code: _____

UTM Coordinates: Zone: **18** Easting: **436799** Northing: **5014418** Municipal Plan and Sublot Number: **RFR 10958 Part 141 (Less) Part 23 30, 31, 34** Other: **SR-13472**

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

| General Colour | Most Common Material | Other Materials | General Description | Depth (m/ft) | |
|----------------|----------------------|-----------------|---------------------|--------------|------|
| | | | | From | To |
| | Rock | Fill | | 0' | 3' |
| Grey | Clay | | | 3' | 16' |
| | Shale | Rock | | 16' | 18' |
| Grey | Limestone | | | 18' | 109' |
| Grey | Limestone | | | 109' | 112' |
| Grey | Limestone | | | 112' | 120' |

*** FedEx Building ***

Annular Space

| Depth Set at (m/ft) | Type of Sealant Used (Material and Type) | Volume Placed (m ³ /ft ³) |
|---------------------|--|--|
| 38' 0" | Bentonite slurry | 33.6 |

Results of Well Yield Testing

After test of well yield, water was: Clear and sand free Other, specify **Not tested**

If pumping discontinued, give reason: **X**

Pump intake set at (m/ft): **100**

Pumping rate (l/min / GPM): **8**

Duration of pumping: **1 hrs + 0 min**

Final water level end of pumping (m/ft): **86.7'**

If flowing give rate (l/min / GPM): **X**

Recommended pump depth (m/ft): **100'**

Recommended pump rate (l/min / GPM): **8**

Well production (l/min / GPM): **8**

Disinfected? Yes No

| Time (min) | Water Level (m/ft) | Recovery | |
|------------|--------------------|------------|--------------------|
| | | Time (min) | Water Level (m/ft) |
| 1 | 25.5 | 1 | 86.3 |
| 2 | 30.3 | 2 | 86.4 |
| 3 | 35 | 3 | 85.7 |
| 4 | 39.1 | 4 | 86.2 |
| 5 | 43 | 5 | 85.9 |
| 10 | 60.7 | 10 | 29.3 |
| 15 | 66.1 | 15 | 18.5 |
| 20 | 72.6 | 20 | 16.5 |
| 25 | 77.1 | 25 | 16.5 |
| 30 | 78.5 | 30 | 16.5 |
| 40 | 81.8 | 40 | 16.5 |
| 50 | 83.3 | 50 | 16.5 |
| 60 | 86.7 | 60 | 16.5 |

Method of Construction:

Cable Tool Diamond Public Commercial Not used

Rotary (Conventional) Jetting Domestic Municipal Dewatering

Rotary (Reverse) Driving Livestock Test Hole Monitoring

Boring Digging Irrigation Cooling & Air Conditioning

Air percussion Industrial Other, specify _____

Construction Record - Casing

| Inside Diameter (cm/in) | Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel) | Wall Thickness (cm/in) | Depth (m/ft) | | Status of Well |
|-------------------------|--|------------------------|--------------|------|--|
| | | | From | To | |
| 8" | Steel | 188 | +2 | 38' | <input checked="" type="checkbox"/> Water Supply |
| 8" | Open Hole | | 38' | 120' | <input type="checkbox"/> Replacement Well |

Construction Record - Screen

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

Water Details

| Water found at Depth (m/ft) | Kind of Water: | Depth (m/ft) | Hole Diameter: |
|-----------------------------|---|--------------|---|
| 109 (m/ft) | <input type="checkbox"/> Fresh <input checked="" type="checkbox"/> Untested | | From: _____ To: _____ Diameter (cm/in): _____ |
| 112 (m/ft) | <input type="checkbox"/> Fresh <input checked="" type="checkbox"/> Untested | | |

Well Contractor and Well Technician Information

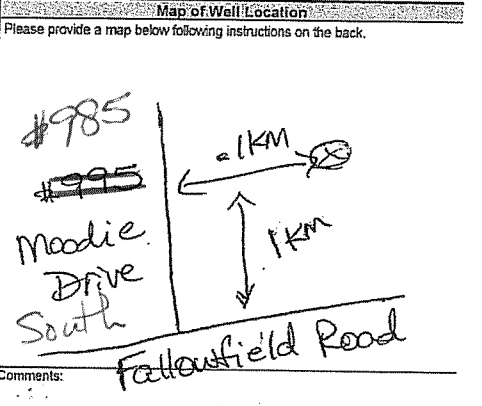
Business Name of Well Contractor: **Air Rock Drilling Co. Ltd.** Well Contractor's Licence No.: **1119**

Business Address (Street Number/Name): **8659 Franktown Road, RR#1** Municipality: **Richmond**

Province: **ON** Postal Code: **K0A 2Z0** Business E-mail Address: **air-rock@sympatico.ca**

Bus. Telephone No. (inc. area code): **6138332170** Name of Well Technician (Last Name, First Name): **Purcell, Shannon**

Well Technician's Licence No.: **T2122** Signature of Technician and/or Contractor: *[Signature]* Date Submitted: **2012 04 30**



Comments: _____

Well owner's information package delivered: Yes No

Date Package Delivered: **2012 04 25**

Date Work Completed: **2012 04 24**

Ministry Use Only: Audit No. **z128540** Received: **FEB 24 2016**



Ministry of the Environment

Tag#: A127976

(Print Below)

Well Record

Regulation 903 Ontario Water Resources Act

Measurements recorded in: Metric Imperial

Page ___ of ___

Well Owner's Information

First Name, Last Name / Organization (Primo Developments Inc.), E-mail Address, Mailing Address (995 Moodie Drive South), Municipality (Nepean), Province (ON), Postal Code (K2R 1H4), Telephone No.

Well Location

Address of Well Location (995 Moodie Drive South), Township (Nepean), Lot (R.F. P/L 23), Concession (4), County/District/Municipality (Ottawa-Carleton), City/Town/Village (Nepean), Province (Ontario), UTM Coordinates, Municipal Plan and Sublot Number (RFR 10958 Part 1 & 11 LESS), Other (SR-13472 Part 23, 30, 31 & 34)

Overburden and Bedrock Materials/Abandonment Sealing Record

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Rows show materials like Rock, Clay, Shale, Limestone at various depths.

Annular Space table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Bentonite slurry); Volume Placed (33.6).

Method of Construction and Well Use section with checkboxes for Cable Tool, Rotary, Boring, Air percussion, Diamond, Jetting, Driving, Digging, Public, Commercial, Domestic, Municipal, Test Hole, Cooling & Air Conditioning, etc.

Construction Record - Casing table with columns: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth (m/ft) From, To, Status of Well (Water Supply, Replacement Well, etc.).

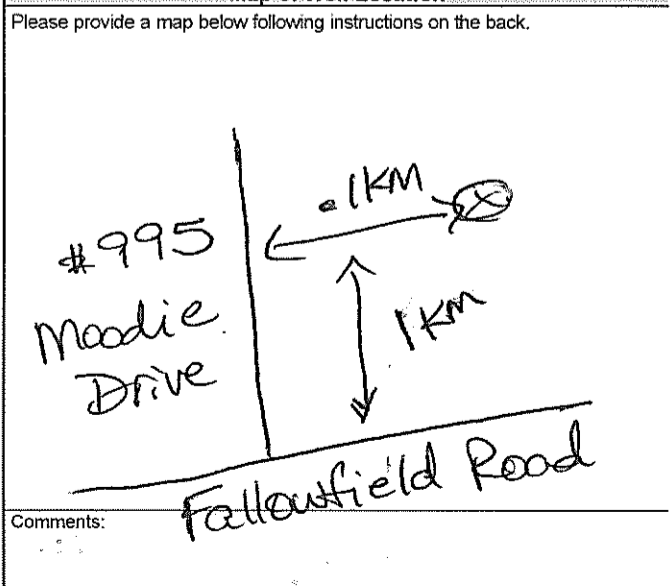
Construction Record - Screen table with columns: Outside Diameter, Material, Slot No., Depth (m/ft) From, To.

Water Details and Hole Diameter section with fields for Water found at Depth, Kind of Water, and Hole Diameter (Depth, Diameter).

Well Contractor and Well Technician Information section with fields for Business Name (Air Rock Drilling Co. Ltd.), Licence No., Business Address, Municipality, Province, Postal Code, Business E-mail Address, Bus. Telephone No., Name of Well Technician (Purcell, Shannon), Well Technician's Licence No., Signature, Date Submitted.

Results of Well Yield Testing table with columns: After test of well yield, water was; Draw Down (Time, Water Level); Recovery (Time, Water Level). Includes pumping rate, duration, and final water level.

Map of Well Location



Additional information fields including Well owner's information package delivered, Date Package Delivered, Date Work Completed, and Ministry Use Only (Audit No. 2128540, Received MAY 18 2012).



N/A

Measurements recorded in: Metric Imperial

Well Owner's Information

First Name: Ministry of Transportation / N.C.C. Last Name / Organization: Ministry of Transportation / N.C.C. E-mail Address: Mailing Address: 1355 John Counter Blvd, Box 4000 Kingston Ont K7L 5A3

Well Location

Address of Well Location: East Side Moodie Drive Township: Nepean Lot: P/L 25 Concession: 4 R.F. City/Town/Village: Nepean Province: Ontario Postal Code: UTM Coordinates: NAD 83 18 436674 5015085

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

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft). Entry: DUG WELL - 4' diam x 12' depth - Abandonment (open pit) 0' 12'

* MTO - Land Management File # K-06636 * See Attached Photo *

Annular Space table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used (Material and Type), Volume Placed (m³/ft³). Entries: 12' to 10' 3/8 Hole Plug 20 Bags; 10' to 9' Statedust; 9' to 7' 3/8 Hole Plug 20 Bags; 7' to 6' Statedust; 6' to 4' 3/8 Hole Plug 20 Bags; 4' to 0' Backfill

Method of Construction and Well Use checkboxes. Method of Construction: Cable Tool, Rotary (Conventional), Rotary (Reverse), Boring, Air percussion, Other. Well Use: Public, Commercial, Not used, Domestic, Municipal, Dewatering, Livestock, Test Hole, Monitoring, Irrigation, Cooling & Air Conditioning, Industrial, Other.

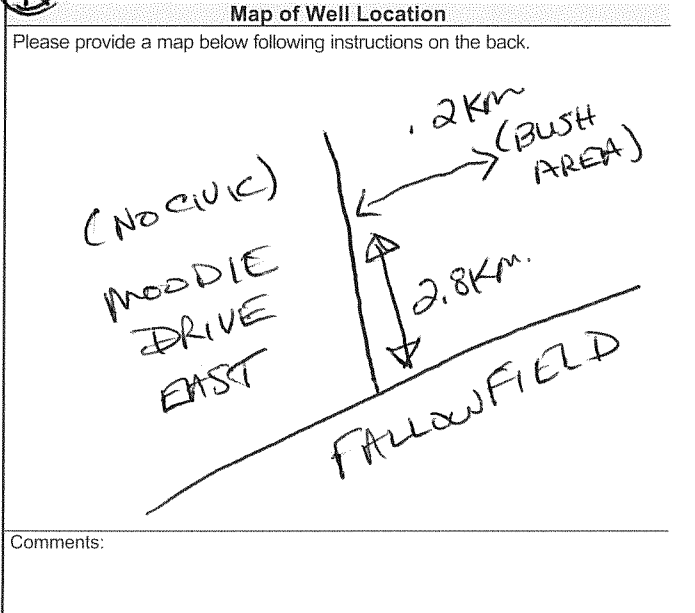
Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To, Status of Well. Status of Well options: Water Supply, Replacement Well, Test Hole, Recharge Well, Dewatering Well, Observation and/or Monitoring Hole, Alteration (Construction), Abandoned, Insufficient Supply, Abandoned, Poor Water Quality, Abandoned, other, specify.

Construction Record - Screen table with columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From, To. Entry: Not to Reg 903 - Open Pit - Dug Well

Water Details and Hole Diameter tables. Water Details: Water found at Depth, Kind of Water (Fresh, Untested, Gas, Other). Hole Diameter: Depth (m/ft) From, To, Diameter (cm/in).

Well Contractor and Well Technician Information. Business Name: AIR ROCK DRILLING CO LTD 1119. Business Address: RR#1 RICHMOND. Province: ONT. Postal Code: K0A 2Z0. Business E-mail Address: Bus. Telephone No.: 613 838 2179. Name of Well Technician: Desautels Ken. Well Technician's Licence No.: T4. Signature: [Signature]. Date Submitted: 2015 07 31.

Results of Well Yield Testing table with columns: After test of well yield, water was; Draw Down (Time, Water Level); Recovery (Time, Water Level). Includes checkboxes for Clear and sand free, Other, specify. Includes a 'Disinfected?' checkbox with 'Yes' checked.



Well owner's information package delivered (Yes/No), Date Package Delivered (2015 07 28), Date Work Completed (2015 07 28), Ministry Use Only (Audit No: Z191491, Received: SEP 22 2015).

N/A

Measurements recorded in: Metric Imperial

Well Owner's Information

First Name: S. Dilawel Last Name / Organization: Auto Group Co MB Ford Construction E-mail Address: [blank] Well Constructed by Well Owner

Mailing Address (Street Number/Name): 5509 Canotek Road Municipality: Ottawa Province: Ont Postal Code: K1J 9J9 Telephone No. (inc. area code): [blank]

Well Location

Address of Well Location (Street Number/Name): 200 Dibble Road Township: Rideau Front Lt 12221 Concession: 4

County/District/Municipality: Ottawa-Carleton City/Town/Village: Nepean Province: Ontario Postal Code: [blank]

UTM Coordinates: Zone Easting: 18 Northing: 4371635013728 Municipal Plan and Sublot Number: Plan RP51R 13897 Other: Part #12

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

| General Colour | Most Common Material | Other Materials | General Description | Depth (m/ft) From To |
|----------------|----------------------|-----------------|---------------------|-------------------------|
| | 6" Drilled Well | Abandonment | monst | 0' 740' |

*MOE Wkt Attached - Test Well #3
*MOE TAG. A113203 (Attached)

Annular Space

| Depth Set at (m/ft) From To | Type of Sealant Used (Material and Type) | Volume Placed (m ³ /ft ³) |
|--------------------------------|---|---|
| 740' 4' 4' 0' | 3/8 Quick Grewt Brck fill | 44 bags |

Results of Well Yield Testing

| After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify | Draw Down | | Recovery | |
|---|--------------|--------------------|------------|--------------------|
| | Time (min) | Water Level (m/ft) | Time (min) | Water Level (m/ft) |
| If pumping discontinued, give reason: Pump intake set at (m/ft) Pumping rate (l/min / GPM) Duration of pumping hrs + min Final water level end of pumping (m/ft) If flowing give rate (l/min / GPM) Recommended pump depth (m/ft) Recommended pump rate (l/min / GPM) Well production (l/min / GPM) Disinfected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Static Level | | | |
| | 1 | | 1 | |
| | 2 | | 2 | |
| | 3 | | 3 | |
| | 4 | | 4 | |
| | 5 | | 5 | |
| | 10 | | 10 | |
| | 15 | | 15 | |
| | 20 | | 20 | |
| | 25 | | 25 | |
| | 30 | | 30 | |
| | 40 | | 40 | |
| 50 | | 50 | | |
| 60 | | 60 | | |

Method of Construction

Cable Tool Diamond Public Commercial Not Used
 Rotary (Conventional) Jetting Domestic Municipal Dewatering
 Rotary (Reverse) Driving Livestock Test Hole Monitoring
 Boring Digging Irrigation Cooling & Air Conditioning
 Air percussion Industrial
 Other, specify

Construction Record - Casing

| Inside Diameter (cm/in) | Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel) | Wall Thickness (cm/in) | Depth (m/ft) | | Status of Well |
|-------------------------|--|------------------------|--------------|----|---|
| | | | From | To | |
| | | | | | <input 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, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify <input type="checkbox"/> Other, specify |

Construction Record - Screen

| Outside Diameter (cm/in) | Material (Plastic, Galvanized, Steel) | Slot No. | Depth (m/ft) | | Status of Well |
|--------------------------|---------------------------------------|----------|--------------|----|--|
| | | | From | To | |
| | | | | | <input checked="" type="checkbox"/> New Construction <input checked="" type="checkbox"/> Well in Ditch (swale) <input type="checkbox"/> Other, specify |

Water Details

| Water found at Depth (m/ft) | Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested | Hole Diameter | |
|-----------------------------|---|---------------|------------------|
| | <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify | Depth (m/ft) | Diameter (cm/in) |
| | | From | To |
| | | | |
| | | | |
| | | | |

Well Contractor and Well Technician Information

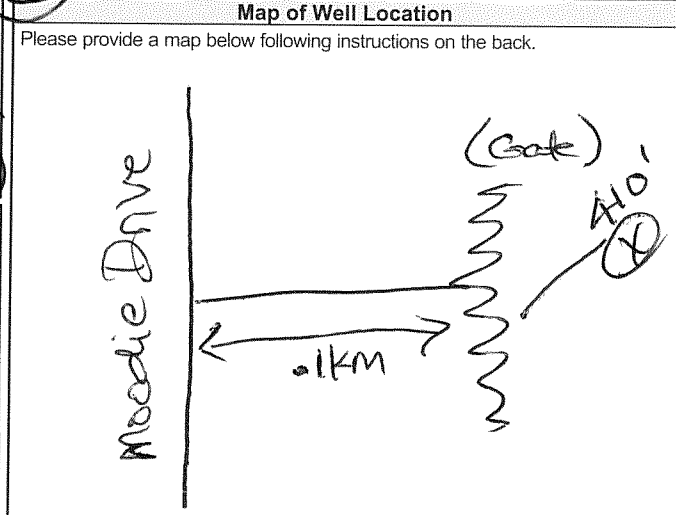
Business Name of Well Contractor: AIR ROCK DRILLING CO LTD 1119 Well Contractor's Licence No. [blank]

Business Address (Street Number/Name): RR#1 RICHMOND Municipality: [blank]

Province: ONT Postal Code: K0A 2T0 Business E-mail Address: [blank]

Bus. Telephone No. (inc. area code): 6138338210 Name of Well Technician (Last Name, First Name): Desautiers Ken

Well Technician's Licence No.: T4 Signature of Technician and/or Contractor: [Signature] Date Submitted: 2015/2/3



Comments:

Well owner's information package delivered: Yes No

Date Package Delivered: [Signature]

Date Work Completed: 2015/2/23

Ministry Use Only

Audit No. Z 202688

JAN 21 2016

Measurements recorded in: Metric Imperial

Page of

Well Owner Information

First Name Last Name **200 Dibble c/o Colautti Group** E-mail Address Well Constructed by Well Owner

Mailing Address (Street Number/Name) **200 Dibble Avenue** Municipality **Gloucester** Province **ON** Postal Code **K1T 3V7** Telephone No. (inc. area code)

Well Location Address (Street Number/Name) **200 Dibble Road** Town **Rideau Front** P/L **20&21** Concession

County/District/Municipality **Ottawa-Carleton** City/Town/Village **Nepean** Province **Ontario** Postal Code

UTM Coordinates Zone Easting **18 437163** Northing **5013728** Municipal Plan and Sublot Number **RP51R13897** Other **Part # 12**

Construction Record - Casing

| General Colour | Most Common Material | Other Materials | General Description | Depth (m/ft) |
|----------------------------|----------------------|-----------------|------------------------|---------------|
| | | | <i>Deepen Existing</i> | From 0 To 820 |
| Grey & White | Sandstone | | | 820 854 |
| <i>dark Brown + Silver</i> | Granite | | | 854 710 |
| Green + White | Granite + Quartz mix | | | 710 740 |

**Deepen Existing - Test 3 - May 19/11 - Audit # Z119899*

| Depth Set at (m/ft) | Type of Sealant Used (Material and Type) | Volume Placed (m ³ /ft ³) |
|---------------------|--|--|
| From To | | |

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

| Inside Diameter (cm/in) | Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel) | Wall Thickness (cm/in) | Depth (m/ft) | From | To | 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, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify |

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

| Water found at Depth (m/ft) | Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify | Depth (m/ft) | Diameter (cm/in) |
|-----------------------------|--|--------------|------------------|
| | | From To | |
| | | 620 - 740 | 5 3/4" |

Business Name of Well Contractor **Ar Rock Drilling Co. Ltd.** Well Contractor's Licence No. **1119**

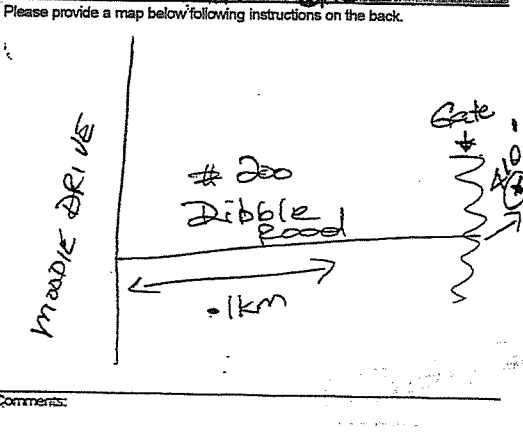
Business Address (Street Number/Name) **200 Franktown Road, K1T 3V7** Municipality **Richmond**

Postal Code **K1A 2Z0** Business E-mail Address **ar-rock@sympatico.ca**

Telephone No. (inc. area code) **3382170** Name of Well Technician (Last Name, First Name) **GRAHAM KEAN**

Well Contractor's Licence No. **1119** Signature of Technician and/or Contractor **GRAHAM KEAN** Date **2011 05 22**

| After test of well yield, water was: | Draw Down | Recovery |
|---|----------------------------|----------------------------|
| <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify Not tested | Time (min) Water Level (m) | Time (min) Water Level (m) |
| If pumping discontinued, give reason: | Static Level | |
| <input checked="" type="checkbox"/> Pump intake set at (m/ft) 300 | 51'4" | 216' |
| Pumping rate (l/min / GPM) 2 u.s. | 2 54'4" | 3 212'8" |
| Duration of pumping 2 hrs + 0 min | 5 64'2" | 5 210'2" |
| Final water level end of pumping (m/ft) 141.8 | 10 68'8" | 10 207'6" |
| If flowing give rate (l/min / GPM) | 15 75'6" | 15 204'4" |
| Recommended pump depth (m/ft) | 20 82'8" | 20 201'6" |
| Recommended pump rate (l/min / GPM) < 1 gpm | 30 110'2" | 30 192'8" |
| Well production (l/min / GPM) < 1 gpm | 40 116'2" | 40 185'7" |
| Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 50 126'8" | 50 180'6" |
| | 60 141'6" | 60 178'3" |
| | 70 155'3" | 70 168'6" |
| | 80 168'4" | 80 165'2" |
| | 90 174'6" | 90 159'8" |
| | 100 186'7" | 100 156'7" |



Comments:

Well owner's information package delivered **2011 05 22** Date Work Completed **2011 05 22**

IAN 21 2016

C-1119 Z202688

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 (<https://data.ontario.ca/dataset/well-records>).

[Go Back to Map](#)

Well ID

Well ID Number: 7315283

Well Audit Number: Z276931

Well Tag Number: A229118

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

Well Location

| | | |
|---|---|--|
| Address of Well Location | 201 DIBBIE RD | |
| Township | NEPEAN TOWNSHIP | |
| Lot | 022 | |
| Concession | RF 04 | |
| County/District/Municipality | OTTAWA-CARLETON | |
| City/Town/Village | NEPEAN | |
| Province | ON | |
| Postal Code | n/a | |
| UTM Coordinates | NAD83 — Zone 18 Easting: 437044.00 Northing: 5014060.00 | |
| Municipal Plan and Sublot Number | | |

| | |
|-------|--|
| Other | |
|-------|--|

Overburden and Bedrock Materials Interval

| General Colour | Most Common Material | Other Materials | General Description | Depth From | Depth To |
|----------------|----------------------|-----------------|---------------------|------------|----------|
| | HPAN | FILL | | 0 ft | 6 ft |
| GREY | LMSN | | | 6 ft | 180 ft |

Annular Space/Abandonment Sealing Record

| Depth From | Depth To | Type of Sealant Used (Material and Type) | Volume Placed |
|------------|----------|--|---------------|
| 0 ft | 40 ft | CONCRETE | |

Method of Construction & Well Use

| Method of Construction | Well Use |
|------------------------|----------|
| Air Percussion | |
| | Domestic |
| | |

Status of Well

Water Supply

Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 6.25 inch | STEEL | -2 ft | 40 ft |
| 6 inch | OPEN HOLE | 40 ft | 180 ft |

Construction Record - Screen

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

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 1119

Results of Well Yield Testing

| | |
|---|--------|
| After test of well yield, water was | |
| If pumping discontinued, give reason | |
| Pump intake set at | 100 ft |
| Pumping Rate | 20 GPM |

| | |
|-------------------------------|----------|
| Duration of Pumping | 1 h:0 m |
| Final water level | 27.75 ft |
| If flowing give rate | |
| Recommended pump depth | 100 ft |
| Recommended pump rate | 20 GPM |
| Well Production | |
| Disinfected? | Y |

Draw Down & Recovery

| Draw Down Time(min) | Draw Down Water level | Recovery Time(min) | Recovery Water level |
|----------------------------|------------------------------|---------------------------|-----------------------------|
| SWL | 8.1 ft | | |
| 1 | 12.9 ft | 1 | 16.2 ft |

| | | | |
|----|---------|----|--------|
| 2 | 15.5 ft | 2 | 8.1 ft |
| 3 | 17.3 ft | 3 | 8.1 ft |
| 4 | 18.7 ft | 4 | 8.1 ft |
| 5 | 19.9 ft | 5 | 8.1 ft |
| 10 | 23.8 ft | 10 | 8.1 ft |
| 15 | 25.8 ft | 15 | 8.1 ft |
| 20 | 26.5 ft | 20 | 8.1 ft |
| 25 | 27.3 ft | 25 | 8.1 ft |
| 30 | 27.8 ft | 30 | 8.1 ft |
| 40 | 27.9 ft | 40 | 8.1 ft |
| 45 | | 45 | |

| | | | |
|----|---------|----|--------|
| 50 | 27.9 ft | 50 | 8.1 ft |
| 60 | 27.9 ft | 60 | 8.1 ft |

Water Details

| Water Found at Depth | Kind |
|----------------------|----------|
| 72 ft | Untested |
| 104 ft | Untested |
| 173 ft | Untested |

Hole Diameter

| Depth From | Depth To | Diameter |
|------------|----------|-----------|
| 0 ft | 40 ft | 9.75 inch |

| | | |
|-------|--------|--------|
| 40 ft | 180 ft | 6 inch |
| | | |

Audit Number: Z276931

Date Well Completed: June 19, 2018

Date Well Record Received by MOE: July 27, 2018

Related

How to use a Ministry of the Environment map (<https://www.ontario.ca/page/how-use-ministry-environment-map#wells>)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

Updated: January 10, 2024

Published: March 20, 2014



Measurements recorded in: Metric Imperial

Page ___ of ___

N/A

Well Owner's Information

First Name: M. Sullivan & Son Amprior Last Name / Organization: M. Sullivan & Son Amprior E-mail Address: [blank] Well Constructed by Well Owner

Mailing Address (Street Number/Name): #100-236 Madawaska Blvd Amprior Ont Municipality: [blank] Province: [blank] Postal Code: K7S 0A3 Telephone No. (inc. area code): [blank]

Well Location

Address of Well Location (Street Number/Name): #201 DIBBLE ROAD Township: Rideaufront P/L22 Concession: 4

County/District/Municipality: Ottawa-Gatineau City/Town/Village: Nepean Province: Ontario Postal Code: [blank]

UTM Coordinates Zone Easting Northing: NAD 83 184371255013980 Municipal Plan and Sublot Number: [blank] Other: [blank]

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

Table with 5 columns: General Colour, Most Common Material, Other Materials, General Description, Depth From (m/ft) to (m/ft). Includes handwritten entries: '6" drilled well Abandonment (COLD WWR Attached - June 27/12 - TAG A 135345) (TAG A 135345 LOST IN EXCAVATION)', 'New 6" well - June 19, 2018 - TAG A 229118 Audit 2276931', and 'PO 17303-020612 HYDRO OTTAWA FACILITY'.

Annular Space table with 3 columns: Depth Set at (m/ft) From To, Type of Sealant Used (Material and Type), Volume Placed (m³/ft³). Includes handwritten entries: '500' 4' Quick Grant 2 Bags' and '4' 0' Backfill'.

Method of Construction and Well Use table with checkboxes for Cable Tool, Rotary, Boring, etc., and Public, Commercial, etc.

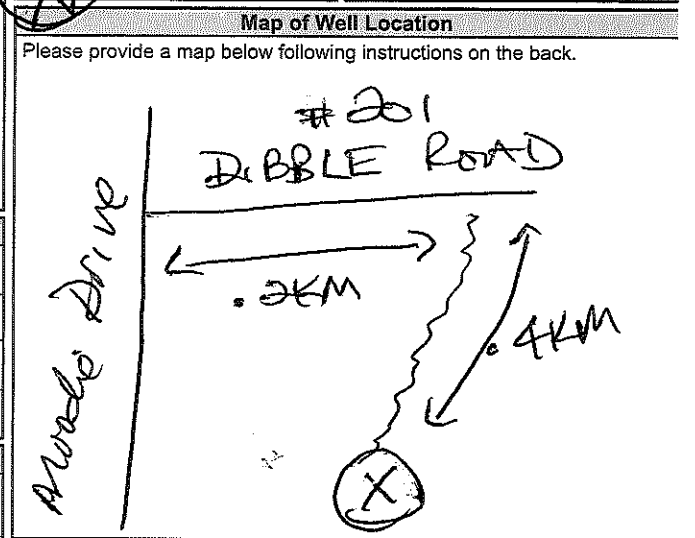
Construction Record - Casing table with columns for Inside Diameter, Open Hole OR Material, Wall Thickness, Depth, and Status of Well.

Construction Record - Screen table with columns for Outside Diameter, Material, Slot No., and Depth.

Water Details and Hole Diameter table with columns for Water found at Depth, Kind of Water, and Hole Diameter.

Well Contractor and Well Technician Information table with fields for Business Name, Address, and Technician Name.

Results of Well Yield Testing table with columns for Draw Down (Time, Water Level) and Recovery (Time, Water Level). Includes handwritten entries for pumping rate and duration.



Well Technician's Licence No. and Signature fields. Includes handwritten entry: 'J-3632' and 'HANNA JEREMY'.

Ministry Use Only table with fields for Audit No. (2276701), Date Work Completed (20180918), and Received date (001 29 2018).

UTM | 18z | 431619145 | E



3165c

GROUND WATER BRANCH
15 No
MAR 17 1964
ONTARIO WATER
RESOURCES COMMISSION

6102

SF | 50114171910 | N

The Ontario Water Resources Commission Act

Ele. 4 | 031710 |

WATER WELL RECORD

Basin | 25 | |
County or District | Carleton |

Township, Village, Town or City | Nepean |

Con. | 4 | PF | Lot West 1/2 Lot 2224 | Date completed | 3 | February | 64 |
(day month year)

Address | 761 Maloney Blvd., Gatineau, Quebec. |

Casing and Screen Record

Inside diameter of casing | 6" |
Total length of casing | 10 feet |
Type of screen | - |
Length of screen | - |
Depth to top of screen | - |
Diameter of finished hole | 6" |

Pumping Test

Static level | 4 feet |
Test-pumping rate | 17 | G.P.M.
Pumping level | 140' |
Duration of test pumping | 1 hour |
Water clear or cloudy at end of test | clear |
Recommended pumping rate | 15 | G.P.M.
with pump setting of | 130 | feet below ground surface

Well Log

Water Record

| Overburden and Bedrock Record | From ft. | To ft. | Depth(s) at which water(s) found | Kind of water (fresh, salty, sulphur) |
|-------------------------------|----------|--------|----------------------------------|---------------------------------------|
| Grey limestone | 4 | 40 | 140 | fresh |
| Sandstone | 40 | 145 | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

For what purpose(s) is the water to be used? |

Cement Plant

Is well on upland, in valley, or on hillside? | Upland |

Drilling or Boring Firm |

J.B. Dufresne & Co. Ltd.,

Address | 1014 Maitland Avenue, |

Ottawa, Ontario. |

Licence Number | 1038 |

Name of Driller or Borer | W. Roy |

Address | 79 St. Jean Baptiste, Deschenes, |

Quebec. |

Date | 5 February, 1964 |

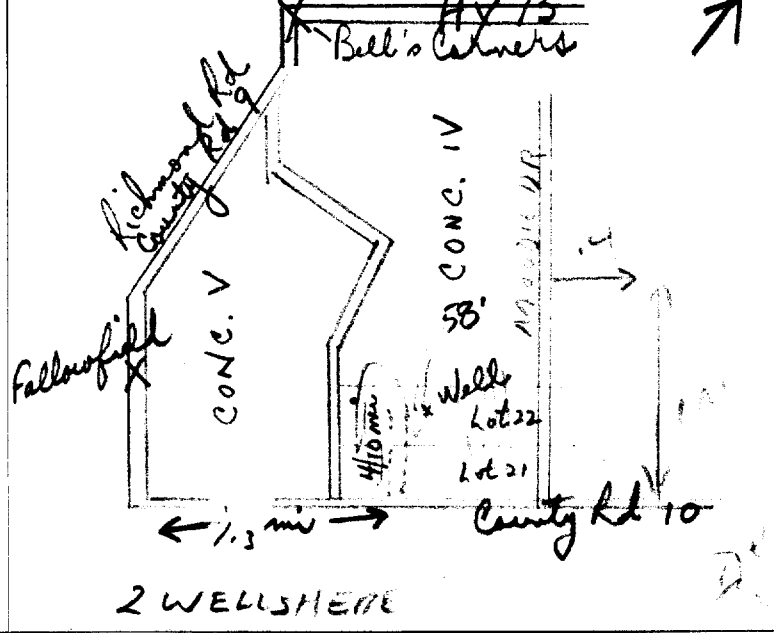
W. Dufresne
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M-60-4138

OWRC COPY

Location of Well

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



2 WELLS HERE

UTM 11812 141316181810E

5 5 0114171610N



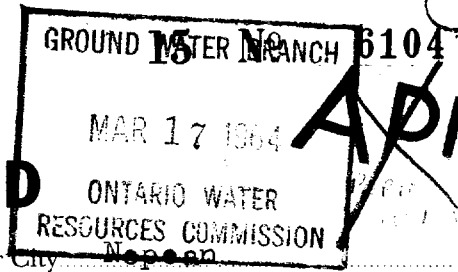
3125c

The Ontario Water Resources Commission Act

Elev 142 931810

WATER WELL RECORD

Basin 251 Carleton



Con. 4 Lot West 1/2 Lot 22-24 Date completed 27 January, 1964

Address 761 Maloney Blvd, Gatineau, Quebec.

Casing and Screen Record

Inside diameter of casing 8"
Total length of casing 8 feet
Type of screen -
Length of screen -
Depth to top of screen -
Diameter of finished hole 8"-100'; 6"-next 110'

Pumping Test

Static level 4 feet
Test-pumping rate 40 G.P.M.
Pumping level 150'
Duration of test pumping 3 hours
Water clear or cloudy at end of test clear
Recommended pumping rate 40 G.P.M.
with pump setting of 150 feet below ground surface

Well Log

Water Record

| Overburden and Bedrock Record | From ft. | To ft. | Depth(s) at which water(s) found | Kind of water (fresh, salty, sulphur) |
|-------------------------------|----------|--------|----------------------------------|---------------------------------------|
| Grey limestone | 0 | 140 | 205 | fresh |
| Sandstone | 140 | 210 | | |

For what purpose(s) is the water to be used?

Cement Plant

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

Drilling or Boring Firm

J.B. Dufresne & Co. Ltd.,

Address 1014 Maitland Ave.,

Ottawa 5, Ont.

Licence Number 1032

Name of Driller or Borer W. Roy

Address 79 St. Jean Baptiste, Deschenes, Quebec

Date 5 February, 1964

(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M-60-4138

OWRC COPY

Location of Well

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

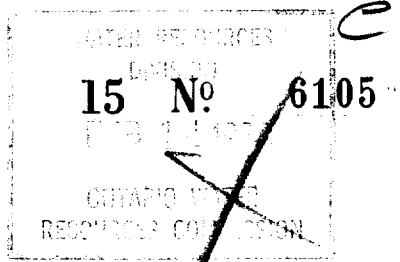


2 WELLS HERE

PTM 118 4316 8810 E



JIG 5c



5 R 50145110 N

The Ontario Water Resources Commission Act

Elev. 44 R 0370

WATER WELL RECORD

Basin 25 | | | | |
County or District **Carleton**

Township, Village, Town or City **Nepean**

Con. 4 RF Lot ~~24~~ ^{west 2/5 of}

Date completed **6th** **January** **1966**
(day month year)

Address **Maloney Blvd. - Gatineau, Que.**

Casing and Screen Record

Inside diameter of casing **6 3/16"**

Total length of casing **13**

Type of screen **-**

Length of screen **-**

Depth to top of screen **-**

Diameter of finished hole **5 7/8"**

Pumping Test

Static level **20**

Test-pumping rate **500 GPH** ~~1000~~

Pumping level **50**

Duration of test pumping **2 hours**

Water clear or cloudy at end of test **clear**

Recommended pumping rate **50 GPH** G.P.M.

with pump setting of **65** feet below ground surface

Well Log

Water Record

| Overburden and Bedrock Record | From ft. | To ft. | Depth(s) at which water(s) found | Kind of water (fresh, salty, sulphur) |
|-------------------------------|-----------|-----------|----------------------------------|---------------------------------------|
| fill | 0 | 10 | 20 | fresh |
| Reck - limestene | 10 | 70 | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

INTERNATIONAL CONCRETE MATERIALS

For what purpose(s) is the water to be used?

office

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

valley

Drilling or Boring Firm

J.B. DUFRESNE & CO. LIMITED

Address **1014 Maitland Ave.,**

Ottawa 5, Ont.

Licence Number **1907 2030**

Name of Driller or Borer **W. Roy**

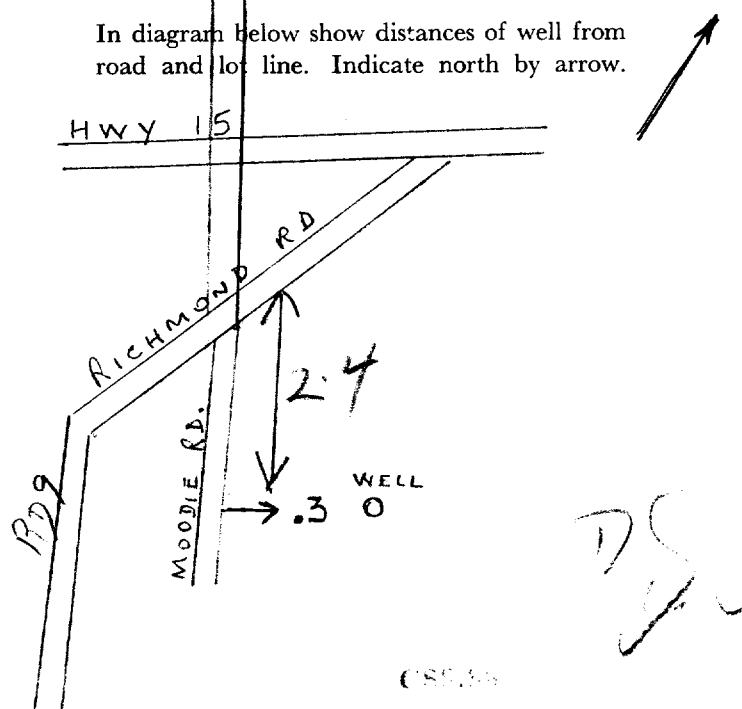
Address **79 St. Jean Baptiste, Deschermes, Que.**

Date **January 6th 1966**

W. Roy
for J.B. Dufresne & Co. Limited

Location of Well

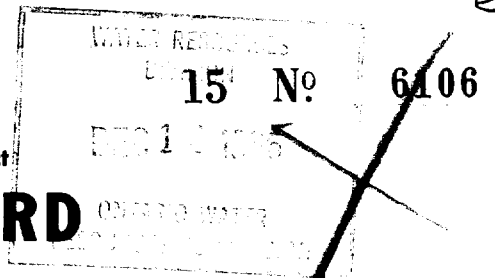
In diagram below show distances of well from road and lot line. Indicate north by arrow.



UTM 118z 437030E



3155c



15R 5014580N

The Ontario Water Resources Commission Act

Elev. 4R 03610

WATER WELL RECORD

Basin 25
County or District Carleton

Township, Village, Town or City Nepean

Con. 4 RF

Lot ~~west 2/5 of~~ 24

Date completed 7th July 1966
(day month year)

Address Maloney Blvd. - Gatineau, Que.

Casing and Screen Record

Inside diameter of casing 6 3/16

Total length of casing 20

Type of screen -

Length of screen -

Depth to top of screen -

Diameter of finished hole 6

Pumping Test

Static level 20

Test-pumping rate 250 GPH G.P.M.

Pumping level 50

Duration of test pumping 1 1/2 hr.

Water clear or cloudy at end of test clear

Recommended pumping rate 200 GPH G.P.M.

with pump setting of 70 feet below ground surface

Well Log

Water Record

| Overburden and Bedrock Record | From ft. | To ft. | Water Record | |
|-------------------------------|----------|--------|----------------------------------|---------------------------------------|
| | | | Depth(s) at which water(s) found | Kind of water (fresh, salty, sulphur) |
| fill | 0 | 10 | 22 | fresh |
| rock - limestone | 10 | 80 | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

For what purpose(s) is the water to be used? office

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

Drilling or Boring Firm

J.B. DUFRESNE & CO. LIMITED

Address 1014 Maitland Ave.,

Ottawa 5, Ont.

Licence Number 2030

Name of Driller or Borer W. Roy

Address 79 St. Jean Baptiste, Deschernes, Que.

Date July 7th 1966

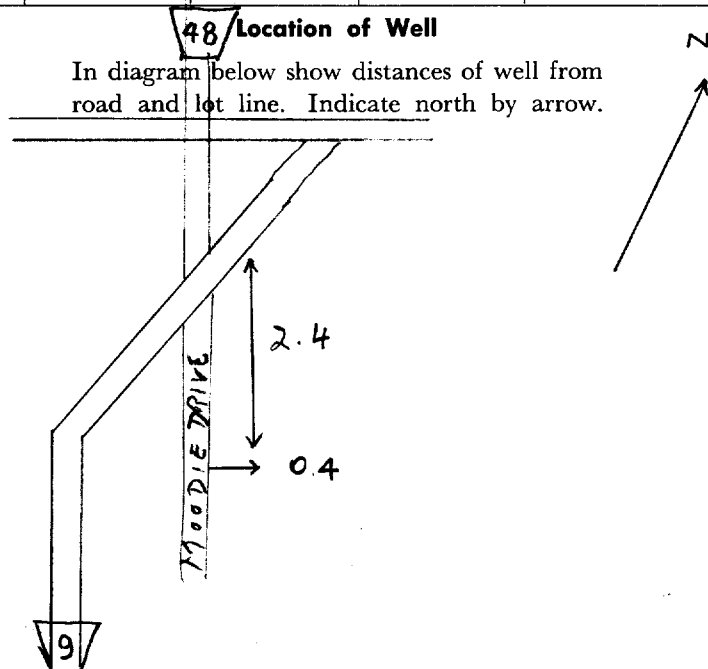
(Signature of Licensed Drilling or Boring Contractor)
for J.B. Dufresne & Co. Limited

Form 7 15M-60-4138

OWRC COPY

48 Location of Well

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



110

Print only in spaces provided. Mark correct box with a checkmark, where applicable.

11

1530383

Municipality 15008

Con. CON 04

County or District: *Regional of Ottawa Carleton* Township/Borough/City/Town/Village: *Depeau* Con block tract survey, etc.: *4* Lot: *25*
 Address: *355 Countess St. Kingston Ont.* Date completed: *24 11 98*
 Northing: *K 74* Elevation: *573* Basin Code: *ii*

| LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions) | | | | | |
|--|----------------------|-----------------|---------------------|--------------|----|
| General colour | Most common material | Other materials | General description | Depth - feet | |
| | | | | From | To |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
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| | | |
|-----------------------|------------------------------|-----------------------------|
| 41 WATER RECORD | 51 CASING & OPEN HOLE RECORD | SCREEN |
| Water found at - feet | Inside diam inches | Sizes of opening (Slot No.) |
| Kind of water | Material | Diameter inches |
| | Wall thickness inches | Length feet |
| | Depth - feet | Material and type |
| | From To | Depth at top of screen |
| | | feet |

| |
|---|
| 61 PLUGGING & SEALING RECORD |
| Annular space Abandonment |
| Depth set at - feet |
| From To Material and type (Cement grout, bentonite, etc.) |
| <i>68 40 Clear Stone</i> |
| <i>40 0 Hole Plug</i> |

| | | | |
|-----------------------|----------------------------|-----------------------|---------------------------|
| 71 PUMPING TEST | 10 Pumping test method | 11-14 Pumping rate | 17-18 Duration of pumping |
| Static level | Water level end of pumping | Water levels during | 1 Pumping 2 Recovery |
| 19-21 feet | 22-24 feet | 15 minutes 26-28 feet | 30 minutes 29-31 feet |
| | | 45 minutes 32-34 feet | 60 minutes 35-37 feet |
| If flowing give rate | Pump intake set at | Water at end of test | Clear Cloudy |
| GPM | feet | | |
| Recommended pump type | Recommended pump setting | Recommended pump rate | GPM |
| Shallow Deep | feet | | |

LOCATION OF WELL

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

192653

FINAL STATUS OF WELL

1 Water supply 5 Abandoned, insufficient supply 9 Unfinished
 2 Observation well 6 Abandoned, poor quality 10 Replacement well
 3 Test hole 7 Abandoned (Other)
 4 Recharge well 8 Dewatering

WATER USE

1 Domestic 5 Commercial 9 Not used
 2 Stock 6 Municipal 10 Other
 3 Irrigation 7 Public supply
 4 Industrial 8 Cooling & air conditioning

METHOD OF CONSTRUCTION

1 Cable tool 5 Air percussion 9 Driving
 2 Rotary (conventional) 6 Boring 10 Digging
 3 Rotary (reverse) 7 Diamond 11 Other
 4 Rotary (air) 8 Jetting

Name of Well Contractor: *Hub Hall Ltd* Well Contractor's Licence No.: *2558*
 Address: *R/R McDonalds Corners Ont K0G1M0*
 Name of Well Technician: *Scott Hall* Well Technician's Licence No.: *T 2760*
 Signature of Technician/Contractor: *Hub Hall* Submission date: *25 11 98*

MINISTRY USE ONLY

Data source: *2558* Date received: *DEC 18 1998*
 Date of inspection: Inspector:
 Remarks:
CSS. ESC

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

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1530757

Municipality
15008

Con.
RE 04

| | | | |
|--|---|--|------------------|
| County or District <i>Ontario (Caledon)</i> | Township/Borough/City/Town/Village <i>Rideau Front</i> | Con block tract survey, etc. <i>Con 4</i> | Lot <i>25</i> |
| Address <i>22 Lytle Ave, Nepean, Ont</i> | | Date completed <i>09 09 99</i> | |

21

10 12 17 18 24 25 26 30 31

| LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions) | | | | | |
|--|----------------------|-----------------|---------------------|--------------|-------------|
| General colour | Most common material | Other materials | General description | Depth - feet | |
| | | | | From | To |
| <i>gray</i> | <i>clay</i> | | | <i>0</i> | <i>7'</i> |
| <i>brown + white</i> | <i>sandstone</i> | | | <i>7'</i> | <i>45'</i> |
| <i>gray/brown</i> | <i>sandstone</i> | | | <i>45'</i> | <i>120'</i> |

31

32

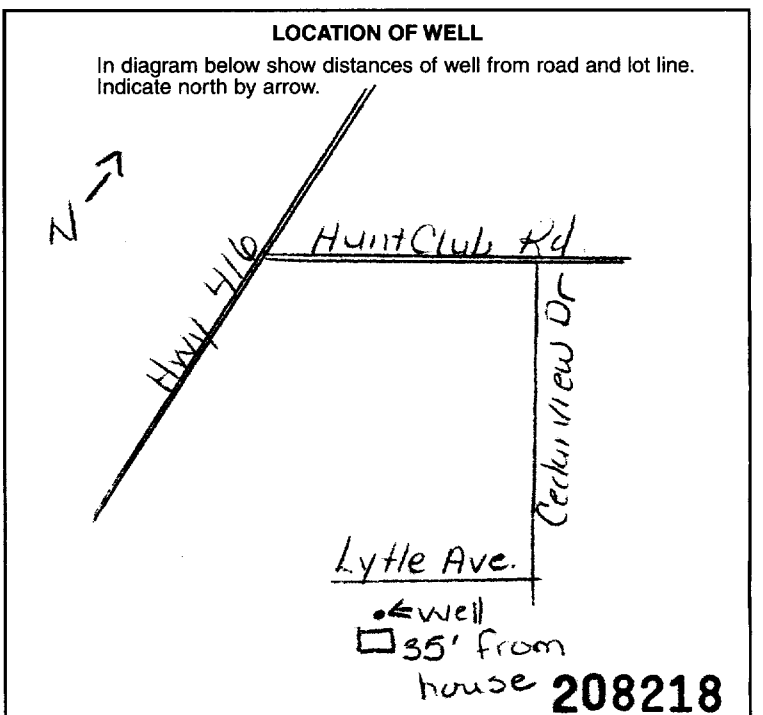
| 41 WATER RECORD | |
|-----------------------|--|
| Water found at - feet | Kind of water |
| <i>45</i> | <input checked="" type="checkbox"/> Fresh <input type="checkbox"/> Salty <input type="checkbox"/> Sulphur <input type="checkbox"/> Minerals <input type="checkbox"/> Gas |
| <i>110</i> | <input checked="" type="checkbox"/> Fresh <input type="checkbox"/> Salty <input type="checkbox"/> Sulphur <input type="checkbox"/> Minerals <input type="checkbox"/> Gas |

| 51 CASING & OPEN HOLE RECORD | | | | |
|------------------------------|---|-----------------------|--------------|-----------|
| Inside diam inches | Material | Wall thickness inches | Depth - feet | |
| | | | From | To |
| <i>6 1/4</i> | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Open hole <input type="checkbox"/> Plastic | <i>.188</i> | <i>0</i> | <i>22</i> |

| SCREEN | 31-33 Sizes of opening (Slot No.) | | 34-38 Diameter inches | | 39-40 Length feet | |
|--------|-----------------------------------|--|-----------------------|--|-------------------|--|
| | | | | | | |

| 61 PLUGGING & SEALING RECORD | | |
|------------------------------|----------|---|
| Depth set at - feet | | Material and type (Cement grout, bentonite, etc.) |
| From | To | |
| <i>22</i> | <i>0</i> | <i>Cement Grout</i> |

| 71 PUMPING TEST | |
|---|---|
| 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer | 10 Pumping rate <i>10</i> GPM |
| 15-18 Static level <i>9</i> feet | 25 Water levels during 1 <input type="checkbox"/> Pumping 2 <input checked="" type="checkbox"/> Recovery |
| 19-21 Water level end of pumping <i>120</i> feet | 17-18 Duration of pumping 1 <input type="checkbox"/> Hours 2 <input checked="" type="checkbox"/> Mins <i>1</i> |
| 22-24 15 minutes <i>45</i> feet | 28-31 30 minutes <i>21</i> feet |
| 25-28 45 minutes <i>15</i> feet | 32-34 60 minutes <i>10</i> feet |
| 35-37 If flowing give rate GPM | 38-41 Pump intake set at feet <i>80</i> |
| 42-45 Recommended pump type <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep | 46-49 Recommended pump rate GPM <i>8</i> |



| FINAL STATUS OF WELL | | |
|--|---|--|
| 1 <input checked="" type="checkbox"/> Water supply | 5 <input type="checkbox"/> Abandoned, insufficient supply | 9 <input type="checkbox"/> Unfinished |
| 2 <input type="checkbox"/> Observation well | 6 <input type="checkbox"/> Abandoned, poor quality | 10 <input type="checkbox"/> Replacement well |
| 3 <input type="checkbox"/> Test hole | 7 <input type="checkbox"/> Abandoned (Other) | |
| 4 <input type="checkbox"/> Recharge well | 8 <input type="checkbox"/> Dewatering | |

| WATER USE | | |
|--|---|------------------------------------|
| 1 <input checked="" type="checkbox"/> Domestic | 5 <input type="checkbox"/> Commercial | 9 <input type="checkbox"/> Not use |
| 2 <input type="checkbox"/> Stock | 6 <input type="checkbox"/> Municipal | 10 <input type="checkbox"/> Other |
| 3 <input type="checkbox"/> Irrigation | 7 <input type="checkbox"/> Public supply | |
| 4 <input type="checkbox"/> Industrial | 8 <input type="checkbox"/> Cooling & air conditioning | |

| METHOD OF CONSTRUCTION | | |
|--|--|-------------------------------------|
| 1 <input type="checkbox"/> Cable tool | 5 <input checked="" type="checkbox"/> Air percussion | 9 <input type="checkbox"/> Driving |
| 2 <input type="checkbox"/> Rotary (conventional) | 6 <input type="checkbox"/> Boring | 10 <input type="checkbox"/> Digging |
| 3 <input type="checkbox"/> Rotary (reverse) | 7 <input type="checkbox"/> Diamond | 11 <input type="checkbox"/> Other |
| 4 <input type="checkbox"/> Rotary (air) | 8 <input type="checkbox"/> Jetting | |

| | |
|--|--|
| Name of Well Contractor <i>George H Law + Smith Ltd</i> | Well Contractor's Licence No. <i>3323</i> |
| Address <i>Box 155 Caledon, Ont</i> | <i>K0J1H0</i> |
| Name of Well Technician <i>Alf Law</i> | Well Technician's Licence No. <i>T-0433</i> |
| Signature of Technician/Contractor <i>George H Law</i> | Submission date day <i>9</i> mo <i>9</i> yr <i>99</i> |

| | | | |
|-------------------|----------------------------|---------------------------|-------------------------------------|
| MINISTRY USE ONLY | Data source <i>3323</i> | Contractor <i>3323</i> | Date received <i>SEP 21 1999</i> |
| | Date of inspection | Inspector | |
| | Remarks <i>CSS.ES0</i> | | |

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Mark correct box with a checkmark, where applicable.

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1531508

Municipality **15008** Con. **RF** 04

| | | | |
|---|---|---|------------------|
| County or District Ottawa Carleton | Township/Borough/City/Town/Village Nepean | Con block tract survey, etc. 4 | Lot 25 |
| Address Box 194 Manotick, Ontario K4M 1A3 | | Date completed 24 day 10 month 00 yr | |

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

| General colour | Most common material | Other materials | General description | Depth - feet | |
|-------------------------|----------------------|-----------------|---------------------|--------------|-----------|
| | | | | From | To |
| Brown | Soil | Stones | | 0 | 3 |
| Gray & White | Sandstone | | Very Hard | 3 | 98 |
| | | | | | |
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31

32

41 WATER RECORD

| Water found at - feet | Kind of water |
|-----------------------|--|
| 10-13 88 | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas NOT TESTED |
| 15-18 | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas |
| 20-23 | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas |
| 25-28 | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas |
| 30-33 | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas |

51 CASING & OPEN HOLE RECORD

| Inside diam inches | Material | Wall thickness inches | Depth - feet | |
|--------------------|---|-----------------------|--------------|-------------|
| | | | From | To |
| 6 1/4 | 1 <input checked="" type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | .188 | 0 | 22.5 |
| 6 | 1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input checked="" type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | | 22.5 | 98 |
| 6 | 1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | | | |

SCREEN

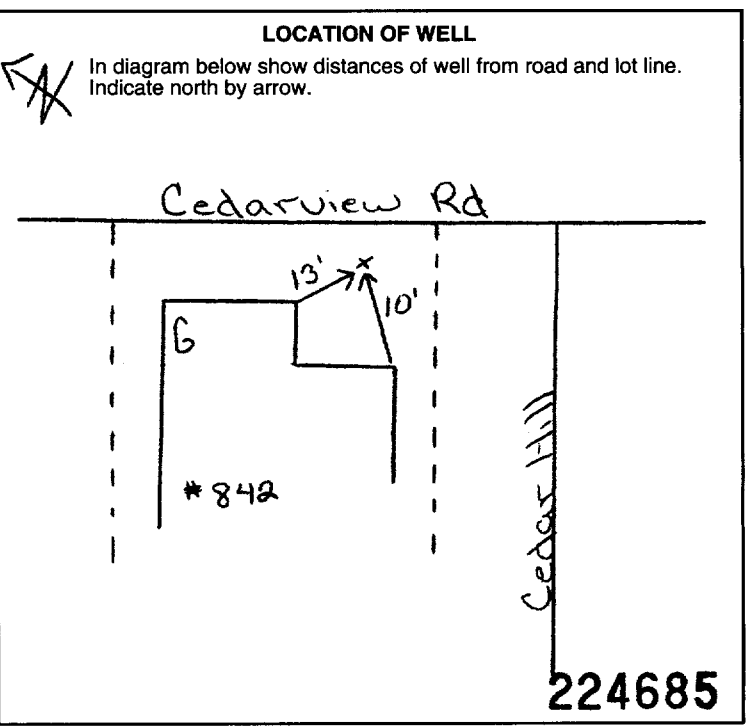
| Sizes of opening (Slot No.) | Diameter inches | Length feet |
|-----------------------------|-----------------|-----------------------------|
| | | |
| Material and type | | Depth at top of screen feet |
| | | |

61 PLUGGING & SEALING RECORD

| Depth set at - feet | | Material and type (Cement grout, bentonite, etc.) |
|---------------------|----------|---|
| From | To | |
| 21 | 0 | Grouted - Cement (3) |
| | | |
| | | |

71 PUMPING TEST

| | | |
|---|--|---|
| Pumping test method 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer | Pumping rate 6 GPM | Duration of pumping 1 Hours 1 Mins |
| Static level 5' 8" | Water level end of pumping 45 feet | Water levels during 15 minutes 95 feet 30 minutes 60 feet 45 minutes 60 feet 60 minutes 45 feet |
| If flowing give rate GPM | Pump intake set at feet 60 | Water at end of test <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy |
| Recommended pump type <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep | Recommended pump setting 60 feet | Recommended pump rate 5 GPM |



FINAL STATUS OF WELL

| | | |
|--|---|--|
| 1 <input checked="" type="checkbox"/> Water supply | 5 <input type="checkbox"/> Abandoned, insufficient supply | 9 <input type="checkbox"/> Unfinished |
| 2 <input type="checkbox"/> Observation well | 6 <input type="checkbox"/> Abandoned, poor quality | 10 <input type="checkbox"/> Replacement well |
| 3 <input type="checkbox"/> Test hole | 7 <input type="checkbox"/> Abandoned (Other) | |
| 4 <input type="checkbox"/> Recharge well | 8 <input type="checkbox"/> Dewatering | |

WATER USE

| | | |
|--|---|------------------------------------|
| 1 <input checked="" type="checkbox"/> Domestic | 5 <input type="checkbox"/> Commercial | 9 <input type="checkbox"/> Not use |
| 2 <input type="checkbox"/> Stock | 6 <input type="checkbox"/> Municipal | 10 <input type="checkbox"/> Other |
| 3 <input type="checkbox"/> Irrigation | 7 <input type="checkbox"/> Public supply | |
| 4 <input type="checkbox"/> Industrial | 8 <input type="checkbox"/> Cooling & air conditioning | |

METHOD OF CONSTRUCTION

| | | |
|--|--|-------------------------------------|
| 1 <input type="checkbox"/> Cable tool | 5 <input checked="" type="checkbox"/> Air percussion | 9 <input type="checkbox"/> Driving |
| 2 <input type="checkbox"/> Rotary (conventional) | 6 <input type="checkbox"/> Boring | 10 <input type="checkbox"/> Digging |
| 3 <input type="checkbox"/> Rotary (reverse) | 7 <input type="checkbox"/> Diamond | 11 <input type="checkbox"/> Other |
| 4 <input checked="" type="checkbox"/> Rotary (air) | 8 <input type="checkbox"/> Jetting | |

| | |
|---|--|
| Name of Well Contractor Capital Water Supply Ltd. | Well Contractor's Licence No. 1558 |
| Address P.O. Box 490 Stittsville, Ontario K2S 1A6 | |
| Name of Well Technician S. Miller | Well Technician's Licence No. T0097 |
| Signature of Technician/Contractor <i>S. Miller</i> | Submission date day 25 mo 10 yr 00 |

MINISTRY USE ONLY

| | | |
|----------------------------|---------------------------|-------------------------------------|
| Data source 1558 | Contractor 1558 | Date received NOV 16 2000 |
| Date of inspection | Inspector | |
| Remarks CSS.ES0 | | |

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

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1532252

Municipality 15000 Con. RE 04

| | | | |
|---|---|---|----------------|
| County or District Ottawa-Carleton | Township/Borough/City/Town/Village Nepean, Ont | Con block tract survey, etc. Front 4 | Lot 25 |
| Owner's surname Patterson Associates | First Name Nepean, Ont | Address Nepean, Ont | |
| Date completed 25 07 01 | | | Day month year |

Zone Easting Northing RC Elevation RC Basin Code

| LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions) | | | | | |
|--|----------------------|-----------------|---------------------|--------------|-----|
| General colour | Most common material | Other materials | General description | Depth - feet | |
| | | | | From | To |
| grey | limestone | | | 0 | 32 |
| " | sandstone | | | 32 | 120 |
| | | | | | |
| | | | | | |
| | | | | | |
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31 32

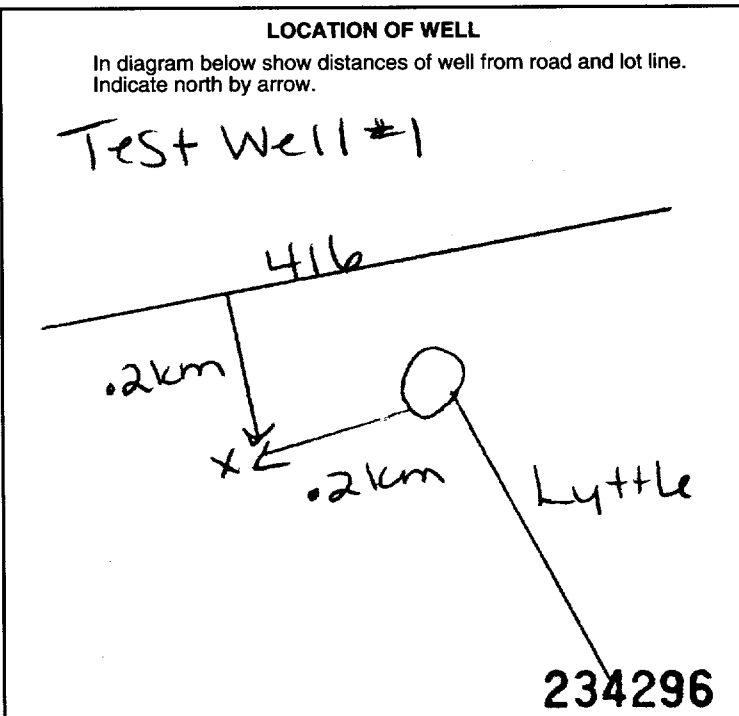
| 41 WATER RECORD | |
|-----------------------|---|
| Water found at - feet | Kind of water |
| 42 | 1 <input checked="" type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas |
| 96 | 1 <input checked="" type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas |
| 113 | 1 <input checked="" type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas |
| | 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas |
| | 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas |
| | 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas |
| | 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas |
| | 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas |
| | 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas |
| | 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas |

| 51 CASING & OPEN HOLE RECORD | | | | |
|------------------------------|---|-----------------------|--------------|-----|
| Inside diam inches | Material | Wall thickness inches | Depth - feet | |
| | | | From | To |
| 6 1/4 | 1 <input checked="" type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | 188 | 0 | 22 |
| 8 3/4 | 1 <input type="checkbox"/> Steel 2 <input checked="" type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | | 0 | 20 |
| 6 | 1 <input type="checkbox"/> Steel 2 <input checked="" type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | | 20 | 120 |

| SCREEN | 31-33 Sizes of opening (Slot No.) | | 34-38 Diameter inches | | 39-40 Length feet | |
|--------|-----------------------------------|--|-----------------------|------------------------|-------------------|--|
| | | | | | | |
| | Material and type | | | Depth at top of screen | | |
| | | | | | | |

| 61 PLUGGING & SEALING RECORD | | | |
|------------------------------|-------|---|--|
| Annular space | | Abandonment | |
| Depth set at - feet | | Material and type (Cement grout, bentonite, etc.) | |
| From | To | | |
| 2 | 22 | cement grout | |
| 18-21 | 22-25 | | |
| 26-29 | 30-33 | | |

| 71 PUMPING TEST | |
|--|---|
| Pumping test method | Pumping rate |
| 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailor | 12 GPM |
| Duration of pumping | |
| 15-16 Hours 17-18 Mins | |
| Static level | Water levels during |
| 19-21 8 feet | 1 <input type="checkbox"/> Pumping 2 <input checked="" type="checkbox"/> Recovery |
| 22-24 110 feet | 15 minutes 8 feet |
| 25-28 8 feet | 30 minutes 8 feet |
| 29-31 8 feet | 45 minutes 8 feet |
| 32-34 8 feet | 60 minutes 8 feet |
| 35-37 8 feet | |
| If flowing give rate | Pump intake set at |
| 38-41 GPM | feet |
| | Water at end of test |
| | |
| Recommended pump type | Recommended pump setting |
| | 110 feet |
| | Recommended pump rate |
| | 12 GPM |



| 54 FINAL STATUS OF WELL | | |
|--|---|--|
| 1 <input checked="" type="checkbox"/> Water supply | 5 <input type="checkbox"/> Abandoned, insufficient supply | 9 <input type="checkbox"/> Unfinished |
| 2 <input type="checkbox"/> Observation well | 6 <input type="checkbox"/> Abandoned, poor quality | 10 <input type="checkbox"/> Replacement well |
| 3 <input checked="" type="checkbox"/> Test hole | 7 <input type="checkbox"/> Abandoned (Other) | |
| 4 <input type="checkbox"/> Recharge well | 8 <input type="checkbox"/> Dewatering | |

| 55-56 WATER USE | | |
|--|---|---|
| 1 <input checked="" type="checkbox"/> Domestic | 5 <input type="checkbox"/> Commercial | 9 <input checked="" type="checkbox"/> Not use |
| 2 <input type="checkbox"/> Stock | 6 <input type="checkbox"/> Municipal | 10 <input type="checkbox"/> Other |
| 3 <input type="checkbox"/> Irrigation | 7 <input type="checkbox"/> Public supply | |
| 4 <input type="checkbox"/> Industrial | 8 <input type="checkbox"/> Cooling & air conditioning | |

| 57 METHOD OF CONSTRUCTION | | |
|--|--|-------------------------------------|
| 1 <input type="checkbox"/> Cable tool | 5 <input checked="" type="checkbox"/> Air percussion | 9 <input type="checkbox"/> Driving |
| 2 <input type="checkbox"/> Rotary (conventional) | 6 <input type="checkbox"/> Boring | 10 <input type="checkbox"/> Digging |
| 3 <input type="checkbox"/> Rotary (reverse) | 7 <input type="checkbox"/> Diamond | 11 <input type="checkbox"/> Other |
| 4 <input type="checkbox"/> Rotary (air) | 8 <input type="checkbox"/> Jetting | |

| | |
|---|--|
| Name of Well Contractor Air Rock Drilling Co Ltd | Well Contractor's Licence No. 1119 |
| Address RR #2 Jasper, Ont | |
| Name of Well Technician Shannon Purcell | Well Technician's Licence No. T2122 |
| Signature of Technician/Contractor [Signature] | Submission date 08/01 |

| MINISTRY USE ONLY | 58 Data source | | 59-62 Contractor | | 63-68 Date received | |
|-------------------|--------------------|--|------------------|--|---------------------|--|
| | | | 1119 | | SEP 20 2001 | |
| | Date of inspection | | Inspector | | | |
| Remarks | | | | | | |
| | | | | | | |

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Mark correct box with a checkmark, where applicable.

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1532255

Municipality 15008

Con. CON

04

| | | | | | |
|--|--|---|--|--|--|
| County or District Ottawa-Carleton | | Township/Borough/City/Town/Village Rideau Front | | Con block tract survey, etc. Lot 4 24 | |
| Owner's surname Patterson Associates | | First Name Nepean, Ont | | Address Nepean, Ont | |
| Date completed 26 07 01 | | day | | month year | |

21

Zone Easting Northing RC Elevation RC Basin Code ii iii iv

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

| General colour | Most common material | Other materials | General description | Depth - feet | |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
| | | | | From | To |
| | Sandy clay | rock fill | | 0 | 14 |
| grey | limestone | | | 14 | 104 |
| grey | sandstone | | | 104 | 180 |

31

32

41 WATER RECORD

| Water found at - feet | Kind of water |
|-----------------------|--|
| 10-13 124 | 1 <input checked="" type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas |
| 15-18 180 | 1 <input checked="" type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas |
| 20-23 | 1 <input type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas |
| 25-28 | 1 <input type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas |
| 30-33 | 1 <input type="checkbox"/> Fresh 3 <input type="checkbox"/> Sulphur 2 <input type="checkbox"/> Salty 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas |

51 CASING & OPEN HOLE RECORD

| Inside diam inches | Material | Wall thickness inches | Depth - feet | |
|--------------------|---|-----------------------|--------------|-----|
| | | | From | To |
| 10-11 | 1 <input checked="" type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | 188 | 0 | 22 |
| 17-18 | 1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | | 0 | 20 |
| 24-25 | 1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input checked="" type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | | 20 | 180 |

SCREEN

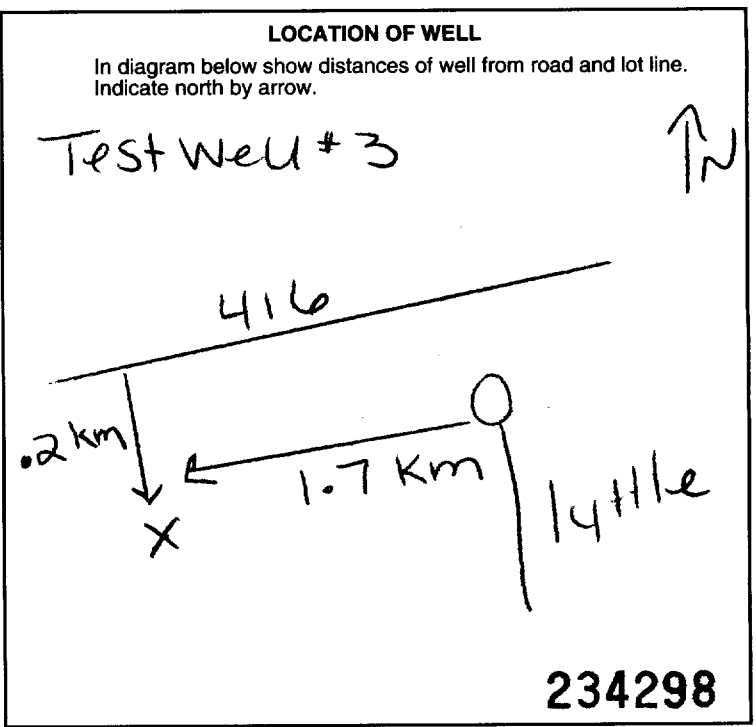
| Sizes of opening (Slot No.) | Diameter inches | Length feet |
|-----------------------------|-----------------|-----------------------------|
| | | |
| Material and type | | Depth at top of screen feet |

61 PLUGGING & SEALING RECORD

| <input checked="" type="checkbox"/> Annular space | | <input type="checkbox"/> Abandonment |
|---|-------|---|
| Depth set at - feet | | Material and type (Cement grout, bentonite, etc.) |
| From | To | |
| 10-13 | 22 | cement grout |
| 18-21 | 22-25 | |
| 26-29 | 30-33 | |

71 PUMPING TEST

| | | |
|--|---|---|
| Pumping test method <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer | Pumping rate 4 GPM | Duration of pumping 7 Hours 17 Mins |
| Static level 14 feet | Water level end of pumping 180 feet | Water levels during |
| | | 15 minutes 14 feet |
| | | 30 minutes 14 feet |
| | | 45 minutes 14 feet |
| | | 60 minutes 14 feet |
| If flowing give rate | Pump intake set at | Water at end of test |
| | 180 GPM | <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy |
| Recommended pump type <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep | Recommended pump setting 180 feet | Recommended pump rate 4 GPM |



FINAL STATUS OF WELL

| | | |
|---|---|--|
| 1 <input type="checkbox"/> Water supply | 5 <input type="checkbox"/> Abandoned, insufficient supply | 9 <input type="checkbox"/> Unfinished |
| 2 <input type="checkbox"/> Observation well | 6 <input type="checkbox"/> Abandoned, poor quality | 10 <input type="checkbox"/> Replacement well |
| 3 <input checked="" type="checkbox"/> Test hole | 7 <input type="checkbox"/> Abandoned (Other) | |
| 4 <input type="checkbox"/> Recharge well | 8 <input type="checkbox"/> Dewatering | |

WATER USE

| | | |
|---------------------------------------|---|---|
| 1 <input type="checkbox"/> Domestic | 5 <input type="checkbox"/> Commercial | 9 <input checked="" type="checkbox"/> Not use |
| 2 <input type="checkbox"/> Stock | 6 <input type="checkbox"/> Municipal | 10 <input type="checkbox"/> Other |
| 3 <input type="checkbox"/> Irrigation | 7 <input type="checkbox"/> Public supply | |
| 4 <input type="checkbox"/> Industrial | 8 <input type="checkbox"/> Cooling & air conditioning | |

METHOD OF CONSTRUCTION

| | | |
|--|--|-------------------------------------|
| 1 <input type="checkbox"/> Cable tool | 5 <input checked="" type="checkbox"/> Air percussion | 9 <input type="checkbox"/> Driving |
| 2 <input type="checkbox"/> Rotary (conventional) | 6 <input type="checkbox"/> Boring | 10 <input type="checkbox"/> Digging |
| 3 <input type="checkbox"/> Rotary (reverse) | 7 <input type="checkbox"/> Diamond | 11 <input type="checkbox"/> Other |
| 4 <input type="checkbox"/> Rotary (air) | 8 <input type="checkbox"/> Jetting | |

Name of Well Contractor
Atchafalca Rock Drilling Ltd 1119

Well Contractor's Licence No.

Address
KR #2 Jasper, Ont

Name of Well Technician
Shannon Purcell

Well Technician's Licence No.
Ta122

Signature of Technician/Contractor
[Signature]

Submission date
10 08 01

MINISTRY USE ONLY

| | | |
|--------------------|---------------------------|-------------------------------------|
| Data source | Contractor 1119 | Date received SEP 20 2001 |
| Date of inspection | Inspector | |
| Remarks | | |

OSS.ES1

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

1534354

Municipality: 15008 Con: RF Lot: 04
22.23.24+25

11

| | | | |
|--|--|---|---------------------------|
| County or District | Township/Borough/City/Town/Village Napan | Con block tract survey, etc. 4 | Lot 22.23.24+25 |
| Address of Well Location Ottawa, Ont | | Date completed 14 10 03 day month year | |

21

| | | | | | | | | | |
|------|---------|----------|----|-----------|----|------------|----|-----|----|
| Zone | Easting | Northing | RC | Elevation | RC | Basin Code | ii | iii | iv |
|------|---------|----------|----|-----------|----|------------|----|-----|----|

| LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions) | | | | | |
|--|----------------------|-----------------|---------------------|--------------|-----|
| General colour | Most common material | Other materials | General description | Depth - feet | |
| | | | | From | To |
| | Clay | | | 0 | 1 |
| grey | limestone | | | 1 | 100 |
| grey | sandstone | | | 100 | 182 |

31

32

| 41 WATER RECORD | | | |
|-----------------------|---|---|----|
| Water found at - feet | Kind of water | | |
| 160 | 1 <input type="checkbox"/> Fresh 2 <input checked="" type="checkbox"/> Salty | 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas | 14 |
| | 1 <input type="checkbox"/> Fresh 2 <input checked="" type="checkbox"/> Salty | 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas | 19 |
| | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty | 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas | 24 |
| | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty | 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas | 29 |
| | 1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty | 3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas | 34 |

| 51 CASING & OPEN HOLE RECORD | | | | |
|------------------------------|---|-----------------------|--------------|-------|
| Inside diam inches | Material | Wall thickness inches | Depth - feet | |
| | | | From | To |
| 6 1/4 | 1 <input checked="" type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | .188 | 0 | 23 |
| 6 | 1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input checked="" type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | | 21 | 182 |
| | 1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic | | | 27-30 |

| SCREEN | Sizes of opening (Slot No.) | Diameter inches | Length feet |
|--------|-----------------------------|-----------------|-----------------------------|
| | | | |
| | Material and type | | Depth at top of screen feet |

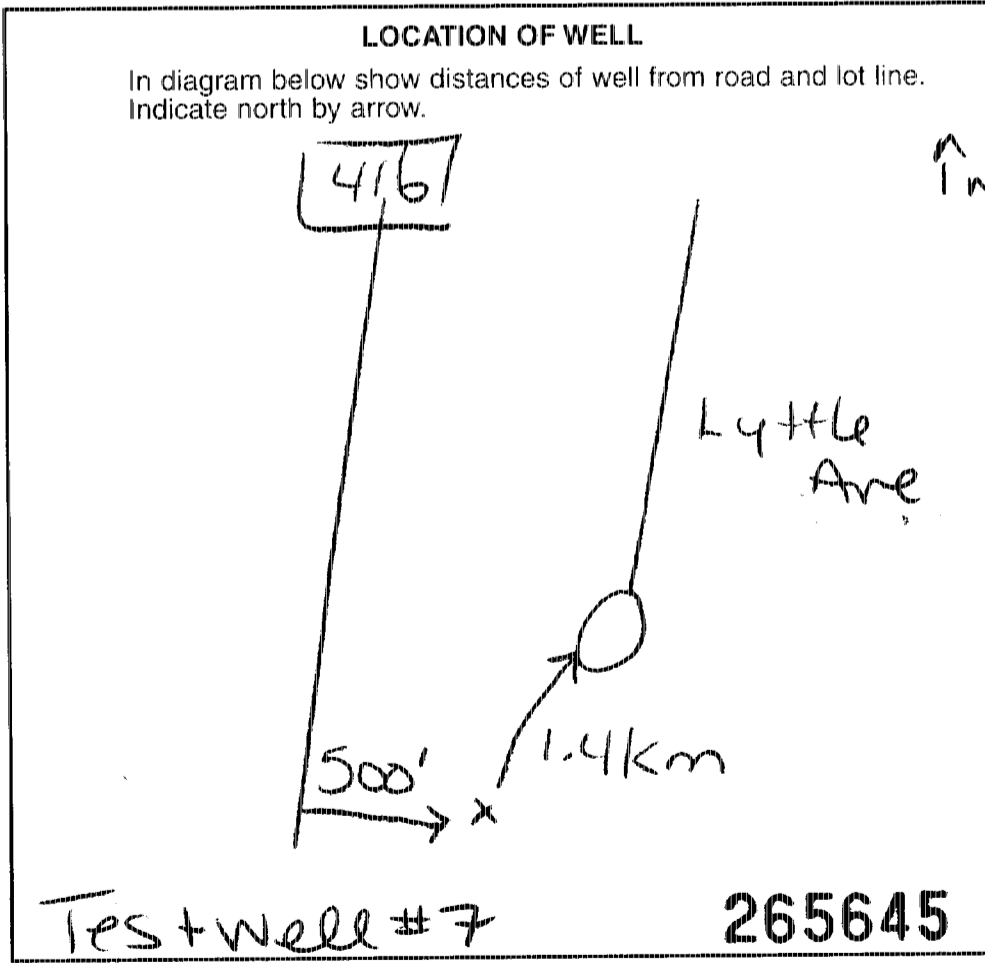
| 61 PLUGGING & SEALING RECORD | | |
|------------------------------|-------|---|
| Annular space | | Abandonment |
| Depth set at - feet | | Material and type (Cement grout, bentonite, etc.) |
| From | To | |
| 21 | 17 | Cement grout |
| 18-21 | 22-25 | |
| 26-29 | 30-33 | |

| 71 PUMPING TEST | | | | | |
|---|----------------------------|--|--|---------------------|------------|
| Pumping test method | Pumping rate | Duration of pumping | | Water levels during | |
| 1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailor | 3 GPM | 11-14 | 15-16 | 17-18 | |
| Static level | Water level end of pumping | 1 <input type="checkbox"/> Pumping | 2 <input checked="" type="checkbox"/> Recovery | | |
| 15 feet | 170 feet | 15 minutes | 30 minutes | 45 minutes | 60 minutes |
| | | 134 feet | 98 feet | 62 feet | 26 feet |
| If flowing give rate | Pump intake set at | Water at end of test | | | |
| GPM | feet | <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy | | | |
| Recommended pump type | Recommended pump setting | Recommended pump rate | | | |
| <input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep | 170 feet | 3 GPM | | | |

| FINAL STATUS OF WELL | | |
|---|---|--|
| 1 <input type="checkbox"/> Water supply | 5 <input type="checkbox"/> Abandoned, insufficient supply | 9 <input type="checkbox"/> Unfinished |
| 2 <input type="checkbox"/> Observation well | 6 <input type="checkbox"/> Abandoned, poor quality | 10 <input type="checkbox"/> Replacement well |
| 3 <input checked="" type="checkbox"/> Test hole | 7 <input type="checkbox"/> Abandoned (Other) | |
| 4 <input type="checkbox"/> Recharge well | 8 <input type="checkbox"/> Dewatering | |

| WATER USE | | |
|---------------------------------------|---|---|
| 1 <input type="checkbox"/> Domestic | 5 <input type="checkbox"/> Commercial | 9 <input checked="" type="checkbox"/> Not use |
| 2 <input type="checkbox"/> Stock | 6 <input type="checkbox"/> Municipal | 10 <input type="checkbox"/> Other |
| 3 <input type="checkbox"/> Irrigation | 7 <input type="checkbox"/> Public supply | |
| 4 <input type="checkbox"/> Industrial | 8 <input type="checkbox"/> Cooling & air conditioning | |

| METHOD OF CONSTRUCTION | | |
|--|--|-------------------------------------|
| 1 <input type="checkbox"/> Cable tool | 5 <input checked="" type="checkbox"/> Air percussion | 9 <input type="checkbox"/> Driving |
| 2 <input type="checkbox"/> Rotary (conventional) | 6 <input type="checkbox"/> Boring | 10 <input type="checkbox"/> Digging |
| 3 <input type="checkbox"/> Rotary (reverse) | 7 <input type="checkbox"/> Diamond | 11 <input type="checkbox"/> Other |
| 4 <input type="checkbox"/> Rotary (air) | 8 <input type="checkbox"/> Jetting | |



| | |
|---|---|
| Name of Well Contractor Ar Rod Drilling Ltd | Well Contractor's Licence No. 1119 |
| Address RR#1 Richmond, Ont | |
| Name of Well Technician Shannon Purcell | Well Technician's Licence No. 12122 |
| Signature of Technician/Contractor Kenny | Submission date 11 11 03 day mo yr |

| MINISTRY USE ONLY | Data source | Contractor | Date received |
|-------------------|--------------------|-------------|--------------------|
| | | 1119 | NOV 18 2003 |
| | Date of inspection | Inspector | |
| Remarks | | | |

Ministry of the Environment,
Conservation and Parks

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

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

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



July 8, 2024

Mr. Mark Bujaki
Paterson Group
9 Auriga
Ottawa, Ontario K2E 7T9
mbujaki@patersongroup.ca

Dear Mark Bujaki:

RE: **MECP FOI A-2024-03984, Your Reference PE6605 – Decision Letter**

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

4497A and 4497B O'Keefe Court, Ottawa.

Timeframe: January 1, 1900 to June 17, 2024

After a thorough search through the ministry files, no records were located responsive to your request. The official responsible for making the access decision on your request is the undersigned.

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

If you have any questions, please contact Shannon Neita at shannon.neita@ontario.ca.

Yours truly,

Shannon Neita

for
Josephine DeSouza
Manager, Access and Privacy Office



File Number: D06-03-24-0067

July, 25 2024

Mark Bujaki
Paterson Group

Sent via email mbujaki@patersongroup.ca

Dear Mark Bujaki,

Re: Information Request
4497a and 4497b O Keefe Court **Ottawa, Ontario (“Subject Property”)**

Internal Department Circulation:

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Property:

- **Environmental Remediation Unit:** The Environmental Remediation Unit does not have any environmental records for these properties.
- **Ottawa Public Health - Environmental Health:** all public inspection results are publicly available on the Ottawa Public Health website:
<https://www.ottawapublichealth.ca/en/public-health-services/public-health-inspections.aspx>
- **Sewer Use Program:** Norecord found nfor this property.
- **Solid Waste Services:** No record found nfor this property.

Documents Provided:

HLUI Summary Report and HLUI Map

The HLUI Summary Report Excel spreadsheet identifies HLUI area, point and line features within 250 metres of the Subject Property, as shown on the provided HLUI Map PDF. Within 500 metres of the Subject Property, landfills and Environmental Risk Management Area (ERMA) are also identified if applicable.

For more information on how to interpret the HLUI data identified in the attached excel sheet ('ADDRESS – HLUI Summary report.xlsx'), please refer to the [Overview and User Guide.](#)

Additional information may be obtained by contacting:

Ontario's Environmental Registry

The Environmental Registry found at <https://ero.ontario.ca/> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using key words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

The Ontario Land Registry Office

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House
161 Elgin Street 4th Floor
Ottawa ON K2P 2K1
Tel: (613) 239-1230
Fax: (613) 239-1422

Ottawa Public Health

Ottawa Public Health inspects many different types of establishments. To view inspection results, please visit the Ottawa Public Health website: [Public Health Inspections - Ottawa Public Health](#)

Please note that Ottawa Public Health is not the lead agency on land use contamination in the City of Ottawa – contact the Ministry of Environment Conservation and Parks (MECP) for further information.

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an “as is” basis with no representation or warranty by the City with respect to the information’s accuracy or exhaustiveness in responding to the request.

Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.

Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.

If you have any further questions or comments, please contact HLUI@ottawa.ca.

Sincerely,

Evode Rwagasore

Planner

Development Review

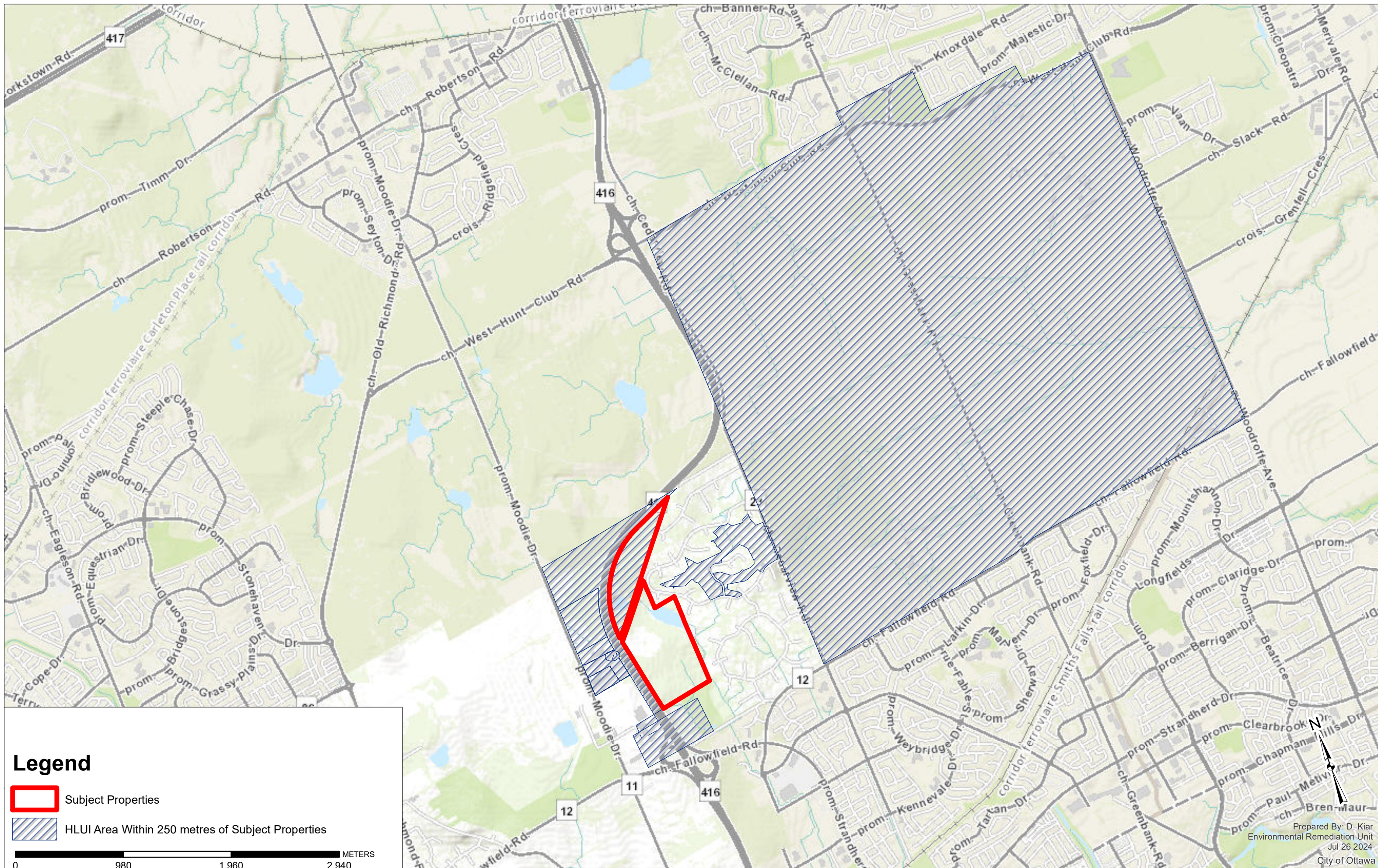
Planning, Development and Building Services Department

Enclosures: (2)



1. HLUI Map
2. HLUI Summary Report

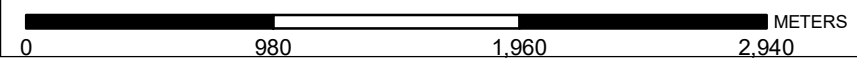
cc: File no. D06-03-24-0067

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



Legend

-  Subject Properties
-  HLUI Area Within 250 metres of Subject Properties





DATABASE REPORT

Project Property: *PE6605 - 4497 O'Keefe Court
PE6605 - 4497 O'Keefe Crt
Ottawa ON*

Project No:

Report Type: *Quote - Custom-Build Your Own Report*

Order No: *24060700508*

Requested by: *Paterson Group Inc.*

Date Completed: *June 11, 2024*

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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Executive Summary

Property Information:

Project Property: PE6605 - 4497 O'Keefe Court
PE6605 - 4497 O'Keefe Crt Ottawa ON

Project No:

Order Information:

Order No: 24060700508
Date Requested: June 7, 2024
Requested by: Paterson Group Inc.
Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

ERIS Xplorer [ERIS Xplorer](#)

Executive Summary: Report Summary

| <i>Database</i> | <i>Name</i> | <i>Searched</i> | <i>Project Property</i> | <i>Boundary to 0.25km</i> | <i>Total</i> |
|-----------------|--|-----------------|-------------------------|---------------------------|--------------|
| AAGR | <i>Abandoned Aggregate Inventory</i> | Y | 0 | 0 | 0 |
| AGR | <i>Aggregate Inventory</i> | Y | 0 | 1 | 1 |
| AMIS | <i>Abandoned Mine Information System</i> | Y | 0 | 2 | 2 |
| ANDR | <i>Anderson's Waste Disposal Sites</i> | Y | 0 | 0 | 0 |
| AST | <i>Aboveground Storage Tanks</i> | Y | 0 | 0 | 0 |
| AUWR | <i>Automobile Wrecking & Supplies</i> | Y | 0 | 0 | 0 |
| BORE | <i>Borehole</i> | Y | 0 | 23 | 23 |
| CA | <i>Certificates of Approval</i> | Y | 0 | 2 | 2 |
| CDRY | <i>Dry Cleaning Facilities</i> | Y | 0 | 0 | 0 |
| CFOT | <i>Commercial Fuel Oil Tanks</i> | Y | 0 | 0 | 0 |
| CHEM | <i>Chemical Manufacturers and Distributors</i> | Y | 0 | 0 | 0 |
| CHM | <i>Chemical Register</i> | Y | 0 | 0 | 0 |
| CNG | <i>Compressed Natural Gas Stations</i> | Y | 0 | 0 | 0 |
| COAL | <i>Inventory of Coal Gasification Plants and Coal Tar Sites</i> | Y | 0 | 0 | 0 |
| CONV | <i>Compliance and Convictions</i> | Y | 0 | 0 | 0 |
| CPU | <i>Certificates of Property Use</i> | Y | 0 | 0 | 0 |
| DRL | <i>Drill Hole Database</i> | Y | 0 | 0 | 0 |
| DTNK | <i>Delisted Fuel Tanks</i> | Y | 0 | 0 | 0 |
| EASR | <i>Environmental Activity and Sector Registry</i> | Y | 0 | 1 | 1 |
| EBR | <i>Environmental Registry</i> | Y | 0 | 1 | 1 |
| ECA | <i>Environmental Compliance Approval</i> | Y | 0 | 9 | 9 |
| EEM | <i>Environmental Effects Monitoring</i> | Y | 0 | 0 | 0 |
| EHS | <i>ERIS Historical Searches</i> | Y | 5 | 9 | 14 |
| EIIS | <i>Environmental Issues Inventory System</i> | Y | 0 | 0 | 0 |
| EMHE | <i>Emergency Management Historical Event</i> | Y | 0 | 0 | 0 |
| EPAR | <i>Environmental Penalty Annual Report</i> | Y | 0 | 0 | 0 |
| EXP | <i>List of Expired Fuels Safety Facilities</i> | Y | 0 | 0 | 0 |
| FCON | <i>Federal Convictions</i> | Y | 0 | 0 | 0 |
| FCS | <i>Contaminated Sites on Federal Land</i> | Y | 0 | 0 | 0 |
| FOFT | <i>Fisheries & Oceans Fuel Tanks</i> | Y | 0 | 0 | 0 |
| FRST | <i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i> | Y | 0 | 0 | 0 |
| FST | <i>Fuel Storage Tank</i> | Y | 0 | 0 | 0 |
| FSTH | <i>Fuel Storage Tank - Historic</i> | Y | 0 | 0 | 0 |
| GEN | <i>Ontario Regulation 347 Waste Generators Summary</i> | Y | 0 | 11 | 11 |
| GHG | <i>Greenhouse Gas Emissions from Large Facilities</i> | Y | 0 | 0 | 0 |
| HINC | <i>TSSA Historic Incidents</i> | Y | 0 | 0 | 0 |

| Database | Name | Searched | Project Property | Boundary to 0.25km | Total |
|-----------------|--|-----------------|-------------------------|---------------------------|--------------|
| IAFT | <i>Indian & Northern Affairs Fuel Tanks</i> | Y | 0 | 0 | 0 |
| INC | <i>Fuel Oil Spills and Leaks</i> | Y | 0 | 0 | 0 |
| LIMO | <i>Landfill Inventory Management Ontario</i> | Y | 0 | 0 | 0 |
| MINE | <i>Canadian Mine Locations</i> | Y | 0 | 0 | 0 |
| MNR | <i>Mineral Occurrences</i> | Y | 1 | 1 | 2 |
| NATE | <i>National Analysis of Trends in Emergencies System (NATES)</i> | Y | 0 | 0 | 0 |
| NCPL | <i>Non-Compliance Reports</i> | Y | 0 | 0 | 0 |
| NDFT | <i>National Defense & Canadian Forces Fuel Tanks</i> | Y | 0 | 0 | 0 |
| NDSP | <i>National Defense & Canadian Forces Spills</i> | Y | 0 | 0 | 0 |
| NDWD | <i>National Defence & Canadian Forces Waste Disposal Sites</i> | Y | 0 | 0 | 0 |
| NEBI | <i>National Energy Board Pipeline Incidents</i> | Y | 0 | 0 | 0 |
| NEBP | <i>National Energy Board Wells</i> | Y | 0 | 0 | 0 |
| NEES | <i>National Environmental Emergencies System (NEES)</i> | Y | 0 | 0 | 0 |
| NPCB | <i>National PCB Inventory</i> | Y | 0 | 0 | 0 |
| NPR2 | <i>National Pollutant Release Inventory 1993-2020</i> | Y | 0 | 0 | 0 |
| NPRI | <i>National Pollutant Release Inventory - Historic</i> | Y | 0 | 0 | 0 |
| OGWE | <i>Oil and Gas Wells</i> | Y | 0 | 0 | 0 |
| OOGW | <i>Ontario Oil and Gas Wells</i> | Y | 0 | 0 | 0 |
| OPCB | <i>Inventory of PCB Storage Sites</i> | Y | 0 | 0 | 0 |
| ORD | <i>Orders</i> | Y | 0 | 0 | 0 |
| PAP | <i>Canadian Pulp and Paper</i> | Y | 0 | 0 | 0 |
| PCFT | <i>Parks Canada Fuel Storage Tanks</i> | Y | 0 | 0 | 0 |
| PES | <i>Pesticide Register</i> | Y | 0 | 0 | 0 |
| PFCH | <i>NPRI Reporters - PFAS Substances</i> | Y | 0 | 0 | 0 |
| PFHA | <i>Potential PFAS Handlers from NPRI</i> | Y | 0 | 0 | 0 |
| PINC | <i>Pipeline Incidents</i> | Y | 0 | 1 | 1 |
| PRT | <i>Private and Retail Fuel Storage Tanks</i> | Y | 0 | 0 | 0 |
| PTTW | <i>Permit to Take Water</i> | Y | 0 | 0 | 0 |
| REC | <i>Ontario Regulation 347 Waste Receivers Summary</i> | Y | 0 | 0 | 0 |
| RSC | <i>Record of Site Condition</i> | Y | 0 | 0 | 0 |
| RST | <i>Retail Fuel Storage Tanks</i> | Y | 0 | 0 | 0 |
| SCT | <i>Scott's Manufacturing Directory</i> | Y | 0 | 0 | 0 |
| SPL | <i>Ontario Spills</i> | Y | 0 | 2 | 2 |
| SRDS | <i>Wastewater Discharger Registration Database</i> | Y | 0 | 0 | 0 |
| TANK | <i>Anderson's Storage Tanks</i> | Y | 0 | 0 | 0 |
| TCFT | <i>Transport Canada Fuel Storage Tanks</i> | Y | 0 | 0 | 0 |
| VAR | <i>Variances for Abandonment of Underground Storage Tanks</i> | Y | 0 | 0 | 0 |
| WDS | <i>Waste Disposal Sites - MOE CA Inventory</i> | Y | 0 | 0 | 0 |
| WDSH | <i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i> | Y | 0 | 0 | 0 |
| WWIS | <i>Water Well Information System</i> | Y | 2 | 30 | 32 |

| <i>Database</i> | <i>Name</i> | <i>Searched</i> | <i>Project Property</i> | <i>Boundary to 0.25km</i> | <i>Total</i> |
|-----------------|-------------|-----------------|-----------------------------|-------------------------------|--------------|
| | | Total: | 8 | 93 | 101 |

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> |
|--------------------------|-----------|--------------------------|--|---------------------|----------------------|---------------------------|
| <u>1</u> | EHS | | Hope Side Road Extension Ottawa ON | SSE/0.0 | -2.61 | <u>30</u> |
| <u>2</u> | WWIS | | O'KEEFE COURT lot 20 con 4 NEPEAN ON <i>Well ID:</i> 1535795 | S/0.0 | -1.54 | <u>30</u> |
| <u>3</u> | EHS | | 4497 O'Keefe Court Nepean ON K2R 0A2 | SSE/0.0 | -2.24 | <u>36</u> |
| <u>3</u> | EHS | | 4497 O'Keefe Court Nepean ON K2R 0A2 | SSE/0.0 | -2.24 | <u>37</u> |
| <u>3</u> | EHS | | 4497 O'Keefe Court Nepean ON K2R 0A2 | SSE/0.0 | -2.24 | <u>37</u> |
| <u>3</u> | EHS | | 4497 O'Keefe Court Nepean ON K2R 0A2 | SSE/0.0 | -2.24 | <u>37</u> |
| <u>4</u> | MNR | Dibblee | ON | SSE/0.0 | -1.63 | <u>37</u> |
| <u>5</u> | WWIS | | O'KEEFE COURT lot 20 con 4 NEPEAN ON <i>Well ID:</i> 1535794 | SSE/0.0 | -1.62 | <u>38</u> |

Executive Summary: Site Report Summary - Surrounding Properties

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|--------------------|-----------|---------------------------------|--|---------------------|----------------------|--------------------|
| 6 | WWIS | | lot 23 con 4 ON Well ID: 1528550 | NNE/3.2 | -4.99 | 44 |
| 7 | ECA | Cedarhill Golf Enterprises Inc. | Ottawa ON K2R 1C5 | NNE/4.4 | -4.99 | 47 |
| 8 | BORE | | ON | S/12.4 | -1.08 | 48 |
| 9 | WWIS | | lot 22 con 4 ON Well ID: 1522195 | E/22.6 | -6.75 | 49 |
| 9 | WWIS | | lot 22 con 4 ON Well ID: 1525630 | E/22.6 | -6.75 | 52 |
| 9 | WWIS | | lot 22 con 4 ON Well ID: 1527561 | E/22.6 | -6.75 | 55 |
| 10 | WWIS | | lot 24 con 4 ON Well ID: 1506106 | NW/43.2 | 2.34 | 59 |
| 11 | BORE | | ON | NW/43.3 | 2.34 | 61 |
| 12 | WWIS | | lot 23 con 4 ON Well ID: 1533716 | NE/47.8 | -2.39 | 62 |
| 13 | WWIS | | 38 CEDARHILL DRIVE OTTAWA ON Well ID: 7210748 | NNE/68.0 | -1.42 | 67 |
| 14 | BORE | | ON | SSE/72.2 | -1.39 | 74 |
| 15 | WWIS | | lot 22 con 4 ON | E/74.1 | -6.78 | 75 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|--------------------|-----------|--------------------------|--|---------------------|----------------------|---------------------|
| | | | <i>Well ID:</i> 1518834 | | | |
| 16 | AMIS | DIBBLEE | NEPEAN ON | S/83.1 | 5.66 | 78 |
| 17 | BORE | | ON | S/89.1 | 2.70 | 79 |
| 18 | WWIS | | lot 24 con 4 ON <i>Well ID:</i> 1532255 | NW/96.1 | 3.61 | 79 |
| 19 | WWIS | | 201 DIBBLE RD lot 22 con 4 NEPEAN ON <i>Well ID:</i> 7189269 | SW/114.0 | 5.25 | 83 |
| 19 | WWIS | | 201 DIBBLE RD lot 22 con 4 NEPEAN ON <i>Well ID:</i> 7321075 | SW/114.0 | 5.25 | 90 |
| 20 | MNR | Fallowfield Quarry | ON | NW/116.9 | 3.61 | 93 |
| 21 | BORE | | ON | SSE/133.3 | -1.73 | 93 |
| 22 | BORE | | ON | SSE/141.3 | -1.62 | 94 |
| 23 | BORE | | ON | NW/141.5 | 4.61 | 95 |
| 24 | WWIS | | 201 DIBBLE RD lot 22 con 4 NEPEAN ON <i>Well ID:</i> 7315283 | WSW/142.6 | 7.25 | 96 |
| 25 | BORE | | ON | SSE/142.6 | -0.53 | 103 |
| 26 | BORE | | ON | SSE/146.7 | -1.73 | 104 |
| 27 | AMIS | FALLOWFIELD QUARRY | NEPEAN ON | NW/148.0 | 4.61 | 105 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|--------------------|-----------|--------------------------|---|---------------------|----------------------|---------------------|
| 28 | SPL | | Hwy 416 and Fallowfield Road, Ottawa OTTAWA ON | SSE/149.3 | -0.53 | 105 |
| 29 | BORE | | ON | E/150.8 | -1.69 | 106 |
| 30 | BORE | | ON | SSE/150.8 | -1.61 | 107 |
| 31 | SPL | PRIVATE OWNER | HWY 16 NEAR FALLOWFIELD STREET TRANSPORT TRUCK (CARGO) NEPEAN CITY ON | SSE/151.1 | 0.61 | 108 |
| 32 | BORE | | ON | SSE/152.6 | -0.51 | 109 |
| 33 | BORE | | ON | SSE/153.2 | -1.73 | 111 |
| 34 | BORE | | ON | SSE/154.4 | 1.48 | 111 |
| 35 | BORE | | ON | SSE/156.5 | -0.51 | 112 |
| 36 | BORE | | ON | SSE/156.9 | 0.61 | 113 |
| 37 | WWIS | | lot 24 con 4 ON Well ID: 1506105 | WNW/159.2 | 5.57 | 114 |
| 38 | BORE | | ON | SSE/170.3 | 1.34 | 116 |
| 39 | BORE | | ON | SSE/170.4 | 2.14 | 117 |
| 40 | BORE | | ON | SSE/177.6 | 2.14 | 118 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|--------------------|-----------|----------------------------|---|---------------------|----------------------|---------------------|
| 41 | WWIS | | 985 MOODIE DRIVE SOUTH lot 23 con 4 NEPEAN ON Well ID: 7181163 | W/180.3 | 6.31 | 119 |
| 42 | WWIS | | lot 24 con 4 ON Well ID: 1506102 | NW/196.4 | 6.39 | 127 |
| 43 | WWIS | | lot 24 con 4 ON Well ID: 1532254 | N/196.7 | 2.31 | 129 |
| 44 | WWIS | | lot 24 con 4 ON Well ID: 1530498 | N/198.0 | 1.02 | 133 |
| 45 | WWIS | | lot 21 con 4 ON Well ID: 1524757 | ESE/198.9 | -8.54 | 137 |
| 45 | WWIS | | lot 21 con 4 ON Well ID: 1525470 | ESE/198.9 | -8.54 | 141 |
| 45 | WWIS | | lot 21 con 4 ON Well ID: 1528797 | ESE/198.9 | -8.54 | 144 |
| 46 | WWIS | | lot 21 con 4 ON Well ID: 1530347 | ESE/199.2 | -8.54 | 148 |
| 46 | WWIS | | lot 21 con 4 ON Well ID: 1530351 | ESE/199.2 | -8.54 | 151 |
| 46 | WWIS | | lot 21 con 4 ON Well ID: 1523369 | ESE/199.2 | -8.54 | 155 |
| 46 | WWIS | | lot 21 con 4 ON Well ID: 1525234 | ESE/199.2 | -8.54 | 158 |
| 46 | WWIS | | lot 21 con 4 ON Well ID: 1526002 | ESE/199.2 | -8.54 | 162 |
| 47 | ECA | SSSS Dilawri Holdings Inc. | Part of Part 2, 4, and 5 of Reference Plan 4R27752 Ottawa ON K2E 1A5 | ESE/199.3 | -8.54 | 165 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|--------------------|-----------|---|---|---------------------|----------------------|---------------------|
| 47 | ECA | 1702764 Ontario Limited | Part of Ottawa ON K2E 1A6 | ESE/199.3 | -8.54 | 166 |
| 48 | WWIS | | lot 24 con 4 ON Well ID: 1522454 | N/199.6 | 1.02 | 166 |
| 49 | EHS | | Motor Works Private Nepean ON K2R 1J2 | SSW/203.9 | 9.31 | 170 |
| 49 | EHS | | Motor Works Private Nepean ON K2R 1J2 | SSW/203.9 | 9.31 | 170 |
| 49 | EHS | | Motor Works Private Nepean ON K2R 1J2 | SSW/203.9 | 9.31 | 170 |
| 49 | EHS | | Motor Works Private Nepean ON K2R 1J2 | SSW/203.9 | 9.31 | 170 |
| 49 | EHS | | Motor Works Private Nepean ON K2R 1J2 | SSW/203.9 | 9.31 | 170 |
| 49 | EHS | | Motor Works Private Nepean ON K2R 1J2 | SSW/203.9 | 9.31 | 170 |
| 50 | EHS | | 201 Dibblee Rd Ottawa ON | SW/209.9 | 7.26 | 171 |
| 50 | EASR | HYDRO OTTAWA LIMITED/HYDRO OTTAWA LIMITEE | 201 Dibblee RD Ottawa ON K2R 1J2 | SW/209.9 | 7.26 | 171 |
| 50 | ECA | Hydro Ottawa Limited/ Hydro Ottawa Limitee | 201 Dibblee Rd Ottawa ON K1G 3S4 | SW/209.9 | 7.26 | 171 |
| 50 | GEN | Hydro Ottawa | 201 Dibblee Road Ottawa ON K2R 1J2 | SW/209.9 | 7.26 | 171 |
| 50 | GEN | Hydro Ottawa | 201 Dibblee Road Ottawa ON K2R 1J2 | SW/209.9 | 7.26 | 172 |
| 50 | GEN | Hydro Ottawa | 201 Dibblee Road Ottawa ON K2R 1J2 | SW/209.9 | 7.26 | 173 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|--------------------|-----------|---|--|---------------------|----------------------|---------------------|
| 51 | WWIS | | 200 DIBBLE RD lot 21 con 4 NEPEAN ON <i>Well ID: 7167913</i> | SSW/210.5 | 8.38 | 173 |
| 51 | WWIS | | 200 DIBBLE RD lot 21 con 4 NEPEAN ON <i>Well ID: 7169716</i> | SSW/210.5 | 8.38 | 181 |
| 51 | WWIS | | 200 DIBBLE ROAD lot 21 con 4 NEPEAN ON <i>Well ID: 7256766</i> | SSW/210.5 | 8.38 | 187 |
| 52 | BORE | | ON | SSE/218.6 | -1.92 | 190 |
| 53 | EHS | | 200 Dibblee Rd. Ottawa ON | SSW/223.8 | 9.31 | 190 |
| 53 | EHS | | 200 Dibblee Road Ottawa ON | SSW/223.8 | 9.31 | 191 |
| 53 | ECA | SSSS Dilawri Holdings Inc. | 200 Dibblee Rd Ottawa ON K2E 1A5 | SSW/223.8 | 9.31 | 191 |
| 53 | ECA | 200 Dibblee Inc. | 200 Dibblee Rd Ottawa ON K1T 3V7 | SSW/223.8 | 9.31 | 191 |
| 53 | EBR | Hydro Ottawa Limited/ Hydro Ottawa Limitee | 200 Dibblee Road - At a newly developed Hydro Ottawa maintenance and operations facility. CITY OF OTTAWA ON | SSW/223.8 | 9.31 | 191 |
| 54 | BORE | | ON | S/229.9 | 3.00 | 192 |
| 55 | EHS | | 995-999 Moodie Drive Ottawa (Nepean) ON K2R 1H4 | W/233.2 | 7.34 | 193 |
| 55 | CA | DBL Container Services Ltd. | 995 Moody Dr Ottawa ON | W/233.2 | 7.34 | 193 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|--------------------|-----------|--|---|---------------------|----------------------|---------------------|
| 55 | CA | Capital Junk Inc. | 995 Moodie Dr Ottawa ON | W/233.2 | 7.34 | 193 |
| 55 | ECA | Capital Junk Inc. | 995 Moodie Dr Ottawa ON K2J 0A9 | W/233.2 | 7.34 | 193 |
| 55 | ECA | DBL Container Services Ltd. | 995 Moody Dr Ottawa ON K0G 1J0 | W/233.2 | 7.34 | 194 |
| 55 | GEN | Dean Ryan'S Landscaping | 995 Moodie Drive Nepean ON K2R 1H4 | W/233.2 | 7.34 | 194 |
| 56 | AGR | The Warren Paving & Materials Group Limited, a sub. of Lafarge Canada Inc. | ON | SSW/241.5 | 9.31 | 194 |
| 57 | ECA | Primo Developments Inc. | 985 Moodie Dr S Ottawa ON K2R 1H4 | W/242.2 | 6.31 | 195 |
| 57 | GEN | FedEx Ground Ltd. | 985 Moodie Drive Nepean ON | W/242.2 | 6.31 | 195 |
| 57 | PINC | PIPELINE HIT 1" | 985 MODDIE DRIVE,,OTTAWA,ON,K2H 8G3,CA ON | W/242.2 | 6.31 | 196 |
| 57 | GEN | FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | W/242.2 | 6.31 | 196 |
| 57 | GEN | FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | W/242.2 | 6.31 | 196 |
| 57 | GEN | FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | W/242.2 | 6.31 | 197 |
| 57 | GEN | FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | W/242.2 | 6.31 | 197 |
| 57 | GEN | FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | W/242.2 | 6.31 | 198 |

| <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> |
|--------------------|-----------|--------------------------|---|---------------------|----------------------|---------------------|
| 57 | GEN | FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | W/242.2 | 6.31 | 198 |
| 58 | BORE | | ON | SE/242.7 | -6.02 | 199 |
| 59 | WWIS | | lot 24 con 4 ON <i>Well ID:</i> 1506104 | NW/246.8 | 6.31 | 200 |
| 60 | BORE | | ON | NW/246.8 | 6.31 | 203 |

Executive Summary: Summary By Data Source

AGR - Aggregate Inventory

A search of the AGR database, dated Up to Nov 2023 has found that there are 1 AGR site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--|-----------------------|----------------------------|---------------------------|
| The Warren Paving & Materials Group Limited, a sub. of Lafarge Canada Inc. | ON | 241.5 | <u>56</u> |

AMIS - Abandoned Mine Information System

A search of the AMIS database, dated 1800-Apr 2024 has found that there are 2 AMIS site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------|-----------------------|----------------------------|---------------------------|
| DIBBLEE | NEPEAN ON | 83.1 | <u>16</u> |
| FALLOWFIELD QUARRY | NEPEAN ON | 148.0 | <u>27</u> |

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 23 BORE site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------|-----------------------|----------------------------|---------------------------|
| | ON | 12.4 | <u>8</u> |
| | ON | 43.3 | <u>11</u> |
| | ON | 72.2 | <u>14</u> |

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|----------------|---------------------|---------------------------|
| | ON | 89.1 | <u>17</u> |
| | ON | 133.3 | <u>21</u> |
| | ON | 141.3 | <u>22</u> |
| | ON | 141.5 | <u>23</u> |
| | ON | 142.6 | <u>25</u> |
| | ON | 146.7 | <u>26</u> |
| | ON | 150.8 | <u>29</u> |
| | ON | 150.8 | <u>30</u> |
| | ON | 152.6 | <u>32</u> |
| | ON | 153.2 | <u>33</u> |
| | ON | 154.4 | <u>34</u> |

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|----------------|---------------------|---------------------------|
| | ON | 156.5 | <u>35</u> |
| | ON | 156.9 | <u>36</u> |
| | ON | 170.3 | <u>38</u> |
| | ON | 170.4 | <u>39</u> |
| | ON | 177.6 | <u>40</u> |
| | ON | 218.6 | <u>52</u> |
| | ON | 229.9 | <u>54</u> |
| | ON | 242.7 | <u>58</u> |
| | ON | 246.8 | <u>60</u> |

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------|----------------------------|---------------------|---------------------------|
| Capital Junk Inc. | 995 Moodie Dr Ottawa ON | 233.2 | <u>55</u> |

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-----------------------------|---------------------------|---------------------|--------------------|
| DBL Container Services Ltd. | 995 Moody Dr Ottawa ON | 233.2 | 55 |

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Mar 31, 2024 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|---|-------------------------------------|---------------------|--------------------|
| HYDRO OTTAWA LIMITED/HYDRO OTTAWA LIMITEE | 201 Dibblee RD Ottawa ON K2R 1J2 | 209.9 | 50 |

EBR - Environmental Registry

A search of the EBR database, dated 1994 - Mar 31, 2024 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--|---|---------------------|--------------------|
| Hydro Ottawa Limited/ Hydro Ottawa Limitee | 200 Dibblee Road - At a newly developed Hydro Ottawa maintenance and operations facility. CITY OF OTTAWA ON | 223.8 | 53 |

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Mar 31, 2024 has found that there are 9 ECA site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|---------------------------------|---|---------------------|--------------------|
| Cedarhill Golf Enterprises Inc. | Ottawa ON K2R 1C5 | 4.4 | 7 |
| 1702764 Ontario Limited | Part of Ottawa ON K2E 1A6 | 199.3 | 47 |
| SSSS Dilawri Holdings Inc. | Part of Part 2, 4, and 5 of Reference Plan 4R27752 Ottawa ON K2E 1A5 | 199.3 | 47 |

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--|--------------------------------------|----------------------------|---------------------------|
| Hydro Ottawa Limited/ Hydro Ottawa Limitee | 201 Dibblee Rd Ottawa ON K1G 3S4 | 209.9 | <u>50</u> |
| SSSS Dilawri Holdings Inc. | 200 Dibblee Rd Ottawa ON K2E 1A5 | 223.8 | <u>53</u> |
| 200 Dibblee Inc. | 200 Dibblee Rd Ottawa ON K1T 3V7 | 223.8 | <u>53</u> |
| Capital Junk Inc. | 995 Moodie Dr Ottawa ON K2J 0A9 | 233.2 | <u>55</u> |
| DBL Container Services Ltd. | 995 Moody Dr Ottawa ON K0G 1J0 | 233.2 | <u>55</u> |
| Primo Developments Inc. | 985 Moodie Dr S Ottawa ON K2R 1H4 | 242.2 | <u>57</u> |

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2024 has found that there are 14 EHS site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------|---|----------------------------|--------------------------|
| | Hope Side Road Extension Ottawa ON | 0.0 | <u>1</u> |
| | 4497 O'Keefe Court Nepean ON K2R 0A2 | 0.0 | <u>3</u> |
| | 4497 O'Keefe Court Nepean ON K2R 0A2 | 0.0 | <u>3</u> |

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|--|---------------------|---------------------------|
| | 4497 O'Keefe Court Nepean ON K2R 0A2 | 0.0 | <u>3</u> |
| | 4497 O'Keefe Court Nepean ON K2R 0A2 | 0.0 | <u>3</u> |
| | Motor Works Private Nepean ON K2R 1J2 | 203.9 | <u>49</u> |
| | Motor Works Private Nepean ON K2R 1J2 | 203.9 | <u>49</u> |
| | Motor Works Private Nepean ON K2R 1J2 | 203.9 | <u>49</u> |
| | Motor Works Private Nepean ON K2R 1J2 | 203.9 | <u>49</u> |
| | Motor Works Private Nepean ON K2R 1J2 | 203.9 | <u>49</u> |
| | 201 Dibblee Rd Ottawa ON | 209.9 | <u>50</u> |
| | 200 Dibblee Rd. Ottawa ON | 223.8 | <u>53</u> |
| | 200 Dibblee Road Ottawa ON | 223.8 | <u>53</u> |
| | 995-999 Moodie Drive Ottawa (Nepean) ON K2R 1H4 | 233.2 | <u>55</u> |

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 11 GEN site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------------|---------------------------------------|----------------------------|---------------------------|
| Hydro Ottawa | 201 Dibblee Road Ottawa ON K2R 1J2 | 209.9 | <u>50</u> |
| Hydro Ottawa | 201 Dibblee Road Ottawa ON K2R 1J2 | 209.9 | <u>50</u> |
| Hydro Ottawa | 201 Dibblee Road Ottawa ON K2R 1J2 | 209.9 | <u>50</u> |
| Dean Ryan'S Landscaping | 995 Moodie Drive Nepean ON K2R 1H4 | 233.2 | <u>55</u> |
| FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | 242.2 | <u>57</u> |
| FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | 242.2 | <u>57</u> |
| FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | 242.2 | <u>57</u> |
| FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | 242.2 | <u>57</u> |
| FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | 242.2 | <u>57</u> |
| FedEx Ground Ltd. | 985 Moodie Drive Nepean ON | 242.2 | <u>57</u> |
| FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | 242.2 | <u>57</u> |

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|----------------|---------------------|----------------|
|-------------|----------------|---------------------|----------------|

MNR - Mineral Occurrences

A search of the MNR database, dated 1846-Feb 2024 has found that there are 2 MNR site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------|----------------|---------------------|--------------------|
| Dibblee | ON | 0.0 | 4 |
| Fallowfield Quarry | ON | 116.9 | 20 |

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-----------------|--|---------------------|--------------------|
| PIPELINE HIT 1" | 985 MODDIE DRIVE,,OTTAWA,ON,K2H 8G3, CA ON | 242.2 | 57 |

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jan 2023; see description has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|---------------|---|---------------------|--------------------|
| | Hwy 416 and Fallowfield Road, Ottawa OTTAWA ON | 149.3 | 28 |
| PRIVATE OWNER | HWY 16 NEAR FALLOWFIELD STREET TRANSPORT TRUCK (CARGO) NEPEAN CITY ON | 151.1 | 31 |

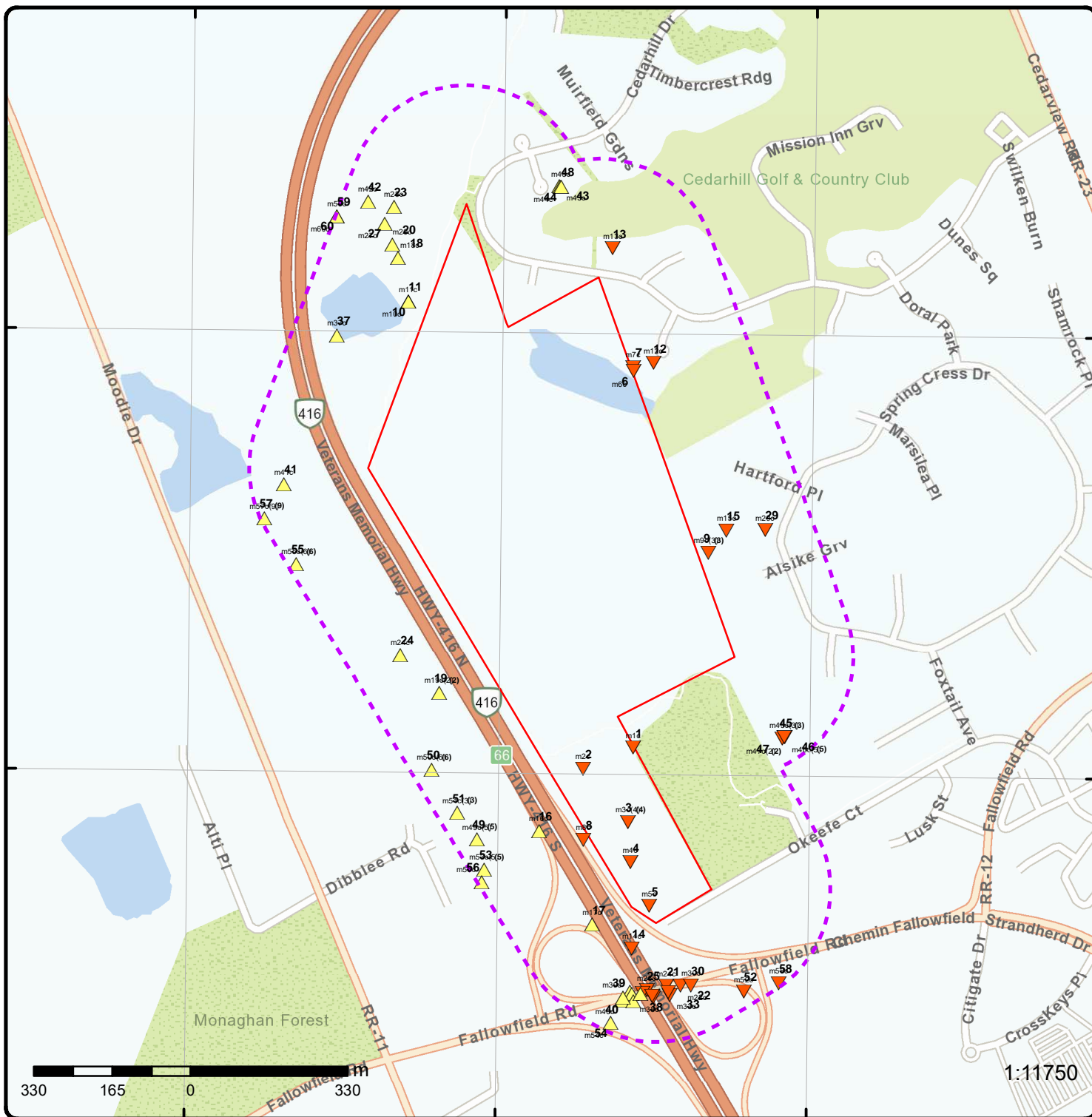
WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 32 WWIS site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|--|---------------------|---------------------------|
| | O'KEEFE COURT lot 20 con 4 NEPEAN ON <i>Well ID:</i> 1535795 | 0.0 | <u>2</u> |
| | O'KEEFE COURT lot 20 con 4 NEPEAN ON <i>Well ID:</i> 1535794 | 0.0 | <u>5</u> |
| | lot 23 con 4 ON <i>Well ID:</i> 1528550 | 3.2 | <u>6</u> |
| | lot 22 con 4 ON <i>Well ID:</i> 1527561 | 22.6 | <u>9</u> |
| | lot 22 con 4 ON <i>Well ID:</i> 1525630 | 22.6 | <u>9</u> |
| | lot 22 con 4 ON <i>Well ID:</i> 1522195 | 22.6 | <u>9</u> |
| | lot 24 con 4 ON <i>Well ID:</i> 1506106 | 43.2 | <u>10</u> |
| | lot 23 con 4 ON <i>Well ID:</i> 1533716 | 47.8 | <u>12</u> |
| | 38 CEDARHILL DRIVE OTTAWA ON <i>Well ID:</i> 7210748 | 68.0 | <u>13</u> |
| | lot 22 con 4 ON <i>Well ID:</i> 1518834 | 74.1 | <u>15</u> |
| | lot 24 con 4 ON <i>Well ID:</i> 1532255 | 96.1 | <u>18</u> |

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|---|---------------------|---------------------------|
| | 201 DIBBLE RD lot 22 con 4 NEPEAN ON <i>Well ID:</i> 7189269 | 114.0 | <u>19</u> |
| | 201 DIBBLE RD lot 22 con 4 NEPEAN ON <i>Well ID:</i> 7321075 | 114.0 | <u>19</u> |
| | 201 DIBBLE RD lot 22 con 4 NEPEAN ON <i>Well ID:</i> 7315283 | 142.6 | <u>24</u> |
| | lot 24 con 4 ON <i>Well ID:</i> 1506105 | 159.2 | <u>37</u> |
| | 985 MOODIE DRIVE SOUTH lot 23 con 4 NEPEAN ON <i>Well ID:</i> 7181163 | 180.3 | <u>41</u> |
| | lot 24 con 4 ON <i>Well ID:</i> 1506102 | 196.4 | <u>42</u> |
| | lot 24 con 4 ON <i>Well ID:</i> 1532254 | 196.7 | <u>43</u> |
| | lot 24 con 4 ON <i>Well ID:</i> 1530498 | 198.0 | <u>44</u> |
| | lot 21 con 4 ON <i>Well ID:</i> 1524757 | 198.9 | <u>45</u> |
| | lot 21 con 4 ON <i>Well ID:</i> 1525470 | 198.9 | <u>45</u> |
| | lot 21 con 4 ON <i>Well ID:</i> 1528797 | 198.9 | <u>45</u> |
| | lot 21 con 4 ON | 199.2 | <u>46</u> |

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|---|---------------------|--------------------|
| | <i>Well ID:</i> 1530347 | | |
| | lot 21 con 4 ON | 199.2 | 46 |
| | <i>Well ID:</i> 1530351 | | |
| | lot 21 con 4 ON | 199.2 | 46 |
| | <i>Well ID:</i> 1523369 | | |
| | lot 21 con 4 ON | 199.2 | 46 |
| | <i>Well ID:</i> 1525234 | | |
| | lot 21 con 4 ON | 199.2 | 46 |
| | <i>Well ID:</i> 1526002 | | |
| | lot 24 con 4 ON | 199.6 | 48 |
| | <i>Well ID:</i> 1522454 | | |
| | 200 DIBBLE RD lot 21 con 4 NEPEAN ON | 210.5 | 51 |
| | <i>Well ID:</i> 7167913 | | |
| | 200 DIBBLE RD lot 21 con 4 NEBEAN ON | 210.5 | 51 |
| | <i>Well ID:</i> 7169716 | | |
| | 200 DIBBLE ROAD lot 21 con 4 NEPEAN ON | 210.5 | 51 |
| | <i>Well ID:</i> 7256766 | | |
| | lot 24 con 4 ON | 246.8 | 59 |
| | <i>Well ID:</i> 1506104 | | |



Map: 0.25 Kilometer Radius

Order Number: 24060700508

Address: PE6605 - 4497 O'Keefe Crt, Ottawa, ON

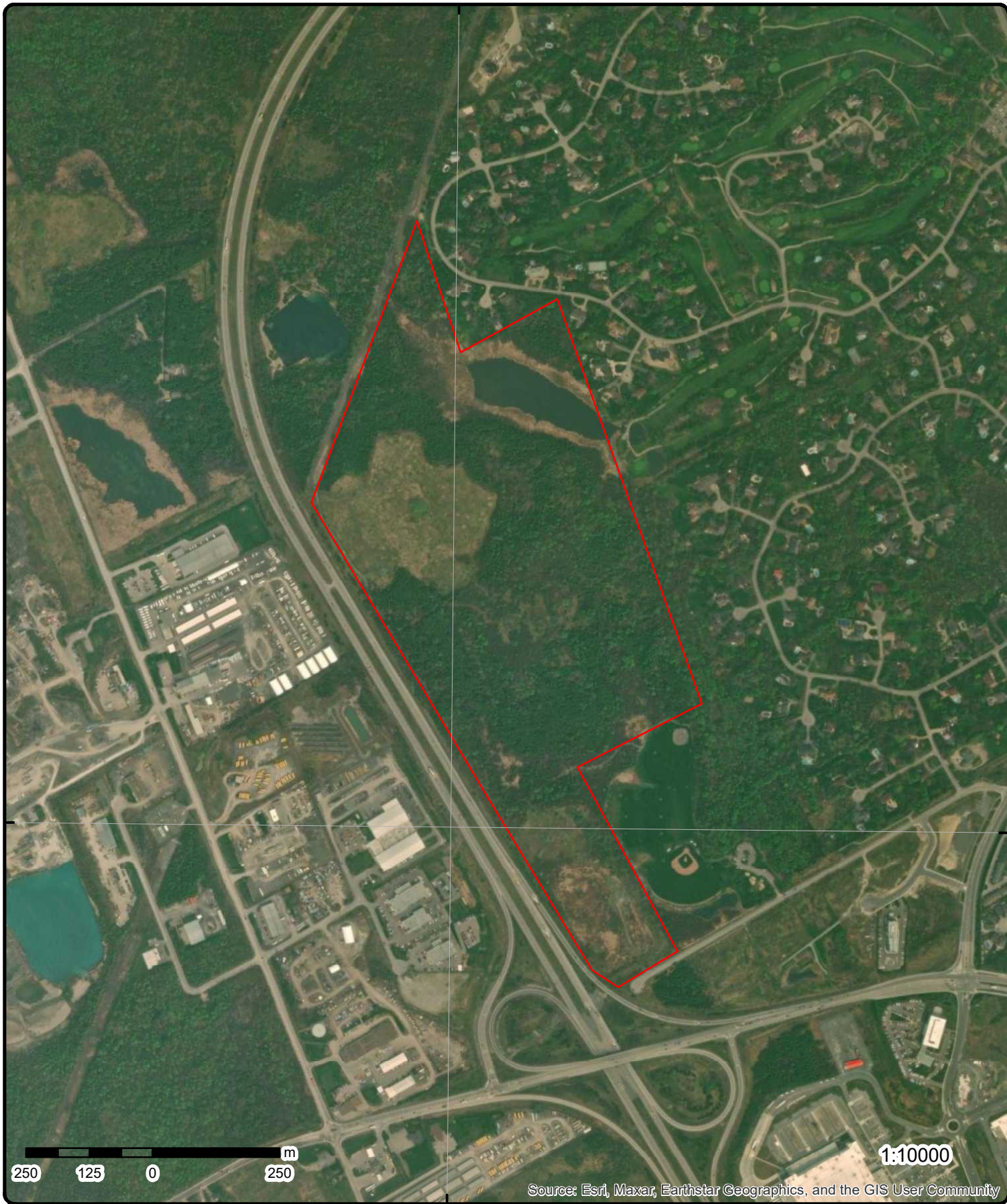


| | | | |
|-----------------------------------|------------------------------------|--------------------|------------------------|
| Project Property | Freeways; Highways | Beach | Shopping & Sports Area |
| Buffer Outline | Traffic Circle; Ramp | Airport | University/College |
| Eris Sites with Higher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

75°48'W

45°16'30"N

45°16'30"N



Aerial Year: 2023

Order Number: 24060700508

Address: PE6605 - 4497 O'Keefe Crt, Ottawa, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership

75°49'30"W

75°48'W

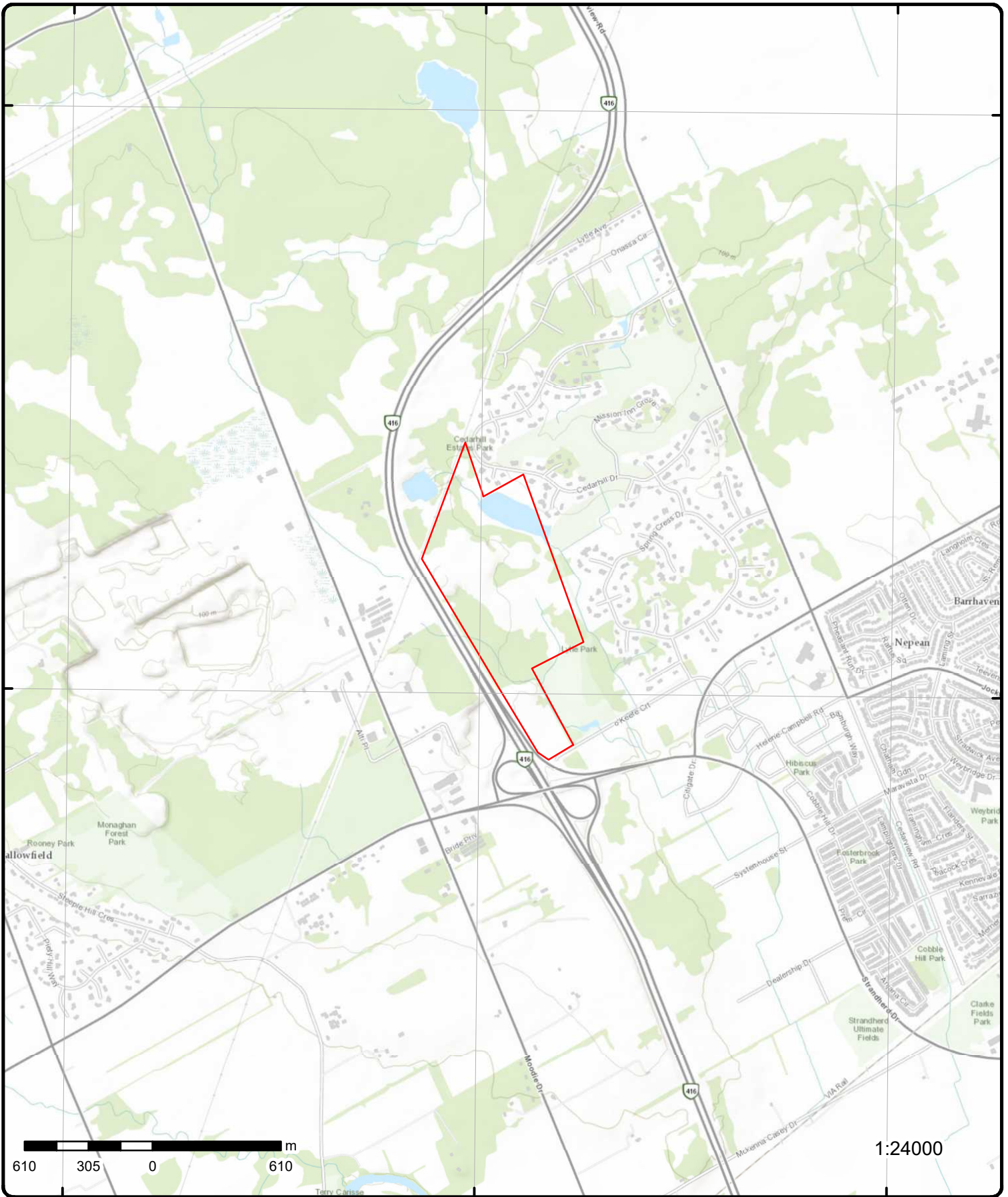
75°46'30"W

45°18'N

45°18'N

45°16'30"N

45°16'30"N



Topographic Map

Address: PE6605 - 4497 O'Keefe Crt, ON

Source: ESRI World Topographic Map

Order Number: 24060700508



© ERIS Information Limited Partnership

Detail Report

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---------------------------------|-------------------|----------------------------|------------------|--|-----|
| <u>1</u> | 1 of 1 | SSE/0.0 | 109.0 / -2.61 | Hope Side Road Extension Ottawa ON | EHS |
| Order No: | | 20081017050 | | Nearest Intersection: Hope Side Road and Richmond Road, Hope Side Road and West Hunt Club | |
| Status: | | C | | Municipality: ON | |
| Report Type: | | Standard Report | | Client Prov/State: ON | |
| Report Date: | | 10/28/2008 | | Search Radius (km): 0.25 | |
| Date Received: | | 10/17/2008 | | X: -75.79701 | |
| Previous Site Name: | | | | Y: 45.275247 | |
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | | | | | |

| | | | | | |
|----------------------------|--------|---|---------------|---|------|
| <u>2</u> | 1 of 1 | S/0.0 | 110.0 / -1.54 | O'KEEFE COURT lot 20 con 4 NEPEAN ON | WWIS |
| Well ID: | | 1535795 | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | | Domestic | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | |
| Final Well Status: | | Water Supply | | Date Received: 09/26/2005 | |
| Water Type: | | | | Selected Flag: TRUE | |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | | Z30789 | | Contractor: 1119 | |
| Tag: | | A028639 | | Form Version: 3 | |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: OTTAWA-CARLETON | |
| Elevatn Reliabilty: | | | | Lot: 020 | |
| Depth to Bedrock: | | | | Concession: 04 | |
| Well Depth: | | | | Concession Name: | |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | PLAN 5R13897 | | | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535795.pdf | | | |

Additional Detail(s) (Map)

| | |
|-----------------------------|--------------------|
| Well Completed Date: | 08/04/2005 |
| Year Completed: | 2005 |
| Depth (m): | 43.28 |
| Latitude: | 45.2750931443785 |
| Longitude: | -75.7977335296855 |
| X: | -75.79773336878252 |
| Y: | 45.27509313744358 |
| Path: | 153\1535795.pdf |

Bore Hole Information

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------------|-------------------|----------------------------|------------------|-------------------------|--------------------------------|
| Bore Hole ID: | 11316334 | | | Elevation: | |
| DP2BR: | | | | Elevrc: | |
| Spatial Status: | | | | Zone: | 18 |
| Code OB: | | | | East83: | 437428.00 |
| Code OB Desc: | | | | North83: | 5013820.00 |
| Open Hole: | | | | Org CS: | UTM83 |
| Cluster Kind: | | | | UTMRC: | 4 |
| Date Completed: | 08/04/2005 | | | UTMRC Desc: | margin of error : 30 m - 100 m |
| Remarks: | | | | Location Method: | wwr |
| Location Method Desc: | | on Water Well Record | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |

**Overburden and Bedrock
Materials Interval**

| | |
|---------------------------------|-------------------|
| Formation ID: | 932997187 |
| Layer: | 1 |
| Color: | |
| General Color: | |
| Material 1: | 11 |
| Material 1 Desc: | GRAVEL |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 0.0 |
| Formation End Depth: | 5.489999771118164 |
| Formation End Depth UOM: | m |

**Overburden and Bedrock
Materials Interval**

| | |
|---------------------------------|--------------------|
| Formation ID: | 932997188 |
| Layer: | 2 |
| Color: | |
| General Color: | |
| Material 1: | 15 |
| Material 1 Desc: | LIMESTONE |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 5.489999771118164 |
| Formation End Depth: | 43.279998779296875 |
| Formation End Depth UOM: | m |

**Annular Space/Abandonment
Sealing Record**

| | |
|------------------------|--------------------|
| Plug ID: | 933277485 |
| Layer: | 1 |
| Plug From: | 6.710000038146973 |
| Plug To: | 3.6600000858306885 |
| Plug Depth UOM: | m |

**Annular Space/Abandonment
Sealing Record**

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Plug ID: | | 933277484 | | | |
| Layer: | | 2 | | | |
| Plug From: | | 3.6600000858306885 | | | |
| Plug To: | | 0.0 | | | |
| Plug Depth UOM: | | m | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961535795 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 11331189 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930855746 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | 6.710000038146973 | | | |
| Depth To: | | 43.279998779296875 | | | |
| Casing Diameter: | | | | | |
| Casing Diameter UOM: | | cm | | | |
| Casing Depth UOM: | | m | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930855745 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | 0.0 | | | |
| Depth To: | | 7.309999942779541 | | | |
| Casing Diameter: | | 15.880000114440918 | | | |
| Casing Diameter UOM: | | cm | | | |
| Casing Depth UOM: | | m | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 11345675 | | | |
| Pump Set At: | | 33.529998779296875 | | | |
| Static Level: | | 3.5899999141693115 | | | |
| Final Level After Pumping: | | 5.28000020980835 | | | |
| Recommended Pump Depth: | | 33.529998779296875 | | | |
| Pumping Rate: | | 113.75 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 113.75 | | | |
| Levels UOM: | | m | | | |
| Rate UOM: | | LPM | | | |
| Water State After Test Code: | | 2 | | | |
| Water State After Test: | | CLOUDY | | | |
| Pumping Test Method: | | 1 | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <i>Pumping Duration HR:</i> | 1 | | | | |
| <i>Pumping Duration MIN:</i> | 0 | | | | |
| <i>Flowing:</i> | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | 11455137 | | | | |
| <i>Test Type:</i> | Recovery | | | | |
| <i>Test Duration:</i> | 60 | | | | |
| <i>Test Level:</i> | 3.5899999141693115 | | | | |
| <i>Test Level UOM:</i> | m | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | 11455138 | | | | |
| <i>Test Type:</i> | Recovery | | | | |
| <i>Test Duration:</i> | 30 | | | | |
| <i>Test Level:</i> | 3.5899999141693115 | | | | |
| <i>Test Level UOM:</i> | m | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | 11455151 | | | | |
| <i>Test Type:</i> | Recovery | | | | |
| <i>Test Duration:</i> | 2 | | | | |
| <i>Test Level:</i> | 3.869999885559082 | | | | |
| <i>Test Level UOM:</i> | m | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | 11455131 | | | | |
| <i>Test Type:</i> | Draw Down | | | | |
| <i>Test Duration:</i> | 30 | | | | |
| <i>Test Level:</i> | 5.190000057220459 | | | | |
| <i>Test Level UOM:</i> | m | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | 11455139 | | | | |
| <i>Test Type:</i> | Draw Down | | | | |
| <i>Test Duration:</i> | 20 | | | | |
| <i>Test Level:</i> | 5.099999904632568 | | | | |
| <i>Test Level UOM:</i> | m | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | 11455127 | | | | |
| <i>Test Type:</i> | Recovery | | | | |
| <i>Test Duration:</i> | 40 | | | | |
| <i>Test Level:</i> | 3.5899999141693115 | | | | |
| <i>Test Level UOM:</i> | m | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | 11455130 | | | | |
| <i>Test Type:</i> | Recovery | | | | |
| <i>Test Duration:</i> | 25 | | | | |
| <i>Test Level:</i> | 3.5999999046325684 | | | | |
| <i>Test Level UOM:</i> | m | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455133 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 2 | | |
| Test Level: | | | 4.550000190734863 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455148 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 4 | | |
| Test Level: | | | 4.679999828338623 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455136 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 60 | | |
| Test Level: | | | 5.28000020980835 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455140 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 10 | | |
| Test Level: | | | 3.7200000286102295 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455143 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 1 | | |
| Test Level: | | | 4.340000152587891 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455152 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 1 | | |
| Test Level: | | | 3.940000057220459 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455132 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 40 | | |
| Test Level: | | | 5.230000019073486 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455142 | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Test Type: | | Draw Down | | | |
| Test Duration: | | 10 | | | |
| Test Level: | | 4.909999847412109 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455128 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 20 | | | |
| Test Level: | | 3.630000114440918 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455129 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 5.139999866485596 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455134 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 50 | | | |
| Test Level: | | 5.260000228881836 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455135 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 50 | | | |
| Test Level: | | 3.5899999141693115 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455144 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 5.019999980926514 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455145 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 5 | | | |
| Test Level: | | 4.730000019073486 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455146 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 5 | | | |
| Test Level: | | 3.7899999618530273 | | | |
| Test Level UOM: | | m | | | |

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

Draw Down & Recovery

Pump Test Detail ID: 11455147
 Test Type: Recovery
 Test Duration: 4
 Test Level: 3.799999952316284
 Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11455150
 Test Type: Draw Down
 Test Duration: 3
 Test Level: 4.610000133514404
 Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11455141
 Test Type: Recovery
 Test Duration: 15
 Test Level: 3.680000066757202
 Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11455149
 Test Type: Recovery
 Test Duration: 3
 Test Level: 3.8299999237060547
 Test Level UOM: m

Water Details

Water ID: 934065039
 Layer: 1
 Kind Code:
 Kind:
 Water Found Depth: 10.970000267028809
 Water Found Depth UOM: m

Hole Diameter

Hole ID: 11533915
 Diameter: 15.239999771118164
 Depth From: 0.0
 Depth To: 43.279998779296875
 Hole Depth UOM: m
 Hole Diameter UOM: cm

3 1 of 4 SSE/0.0 109.3 / -2.24 4497 O'Keefe Court EHS
 Nepean ON K2R 0A2

| | | | |
|---------------------|---------------|-----------------------|-----------|
| Order No: | 23052400700 | Nearest Intersection: | |
| Status: | C | Municipality: | |
| Report Type: | Custom Report | Client Prov/State: | ON |
| Report Date: | 05-JUN-23 | Search Radius (km): | .25 |
| Date Received: | 24-MAY-23 | X: | -75.79651 |
| Previous Site Name: | | Y: | 45.27409 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---------------------------------|---|---|------------------|---|----------------|
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | | Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos | | | |
| 3 | 2 of 4 | SSE/0.0 | 109.3 / -2.24 | 4497 O'Keefe Court Nepean ON K2R 0A2 | EHS |
| Order No: | 23052400700 | | | Nearest Intersection: | |
| Status: | C | | | Municipality: | |
| Report Type: | Custom Report | | | Client Prov/State: | ON |
| Report Date: | 05-JUN-23 | | | Search Radius (km): | .25 |
| Date Received: | 24-MAY-23 | | | X: | -75.79651 |
| Previous Site Name: | | | | Y: | 45.27409 |
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | | Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos | | | |
| 3 | 3 of 4 | SSE/0.0 | 109.3 / -2.24 | 4497 O'Keefe Court Nepean ON K2R 0A2 | EHS |
| Order No: | 23052400700 | | | Nearest Intersection: | |
| Status: | C | | | Municipality: | |
| Report Type: | Custom Report | | | Client Prov/State: | ON |
| Report Date: | 05-JUN-23 | | | Search Radius (km): | .25 |
| Date Received: | 24-MAY-23 | | | X: | -75.79651 |
| Previous Site Name: | | | | Y: | 45.27409 |
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | | Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos | | | |
| 3 | 4 of 4 | SSE/0.0 | 109.3 / -2.24 | 4497 O'Keefe Court Nepean ON K2R 0A2 | EHS |
| Order No: | 23052400700 | | | Nearest Intersection: | |
| Status: | C | | | Municipality: | |
| Report Type: | Custom Report | | | Client Prov/State: | ON |
| Report Date: | 05-JUN-23 | | | Search Radius (km): | .25 |
| Date Received: | 24-MAY-23 | | | X: | -75.79651 |
| Previous Site Name: | | | | Y: | 45.27409 |
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | | Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos | | | |
| 4 | 1 of 1 | SSE/0.0 | 109.9 / -1.63 | Dibblee ON | MNR |
| MDI No: | MDI31G05SW00020 | | | Twp Area: | Nepean |
| OGF ID: | | | | Dep Class: | |
| Deposit Status: | | | | Zone: | |
| Claim Map: | | | | Easting: | |
| Geological Dstrct: | Southern Ontario | | | Northing: | |
| Mining Division: | | | | Effective Dt/time: | |
| Name: | Dibblee | | | Date Last Modified: | |
| Primary Commodity: | LIMESTONE (CRUSHED STONES) | | | Geo Update Dt/time: | |
| Secondary Commodity: | | | | Class Sub Type No: | |
| Latitude: | 45.273328 | | | Status: | Producing Mine |
| Longitude: | -75.796443 | | | | |
| Class Sub Type: | | | | | |
| Source Map: | | | | | |
| Detail: | https://www.geologyontario.mines.gov.on.ca/persistent-linking?mineral-inventory=MDI31G05SW00020 | | | | |
| All Names: | Dibblee, Houlahan | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------|-------------------|----------------------------|------------------|------|----|
| Access Description: | | 2.5 km E of Followfield. | | | |

5 1 of 1 SSE/0.0 109.9 / -1.62 O'KEEFE COURT lot 20 con 4
NEPEAN ON **WWIS**

| | | | |
|----------------------------|-----------------|---------------------------|-----------------|
| Well ID: | 1535794 | Flowing (Y/N): | |
| Construction Date: | | Flow Rate: | |
| Use 1st: | Domestic | Data Entry Status: | |
| Use 2nd: | | Data Src: | |
| Final Well Status: | Water Supply | Date Received: | 09/26/2005 |
| Water Type: | | Selected Flag: | TRUE |
| Casing Material: | | Abandonment Rec: | |
| Audit No: | Z30790 | Contractor: | 1119 |
| Tag: | A028638 | Form Version: | 3 |
| Constructn Method: | | Owner: | |
| Elevation (m): | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | Lot: | 020 |
| Depth to Bedrock: | | Concession: | 04 |
| Well Depth: | | Concession Name: | |
| Overburden/Bedrock: | | Easting NAD83: | |
| Pump Rate: | | Northing NAD83: | |
| Static Water Level: | | Zone: | |
| Clear/Cloudy: | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | |
| Site Info: | PLAN 5R13897 | | |

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535794.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/03/2005
Year Completed: 2005
Depth (m): 103.63
Latitude: 45.2725133278757
Longitude: -75.7959253463559
X: -75.79592518489962
Y: 45.27251332139148
Path: 153\1535794.pdf

Bore Hole Information

| | | | |
|-------------------------------------|----------------------|-------------------------|--------------------------------|
| Bore Hole ID: | 11316333 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437567.00 |
| Code OB Desc: | | North83: | 5013532.00 |
| Open Hole: | | Org CS: | UTM83 |
| Cluster Kind: | | UTMRC: | 4 |
| Date Completed: | 08/03/2005 | UTMRC Desc: | margin of error : 30 m - 100 m |
| Remarks: | | Location Method: | wwr |
| Location Method Desc: | on Water Well Record | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

**Overburden and Bedrock
Materials Interval**

Formation ID: 932997186

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Layer: | | 2 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 3.049999952316284 | | | |
| Formation End Depth: | | 103.62999725341797 | | | |
| Formation End Depth UOM: | | m | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 932997185 | | | |
| Layer: | | 1 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 11 | | | |
| Material 1 Desc: | | GRAVEL | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 3.049999952316284 | | | |
| Formation End Depth UOM: | | m | | | |
| <u>Annular Space/Abandonment</u> | | | | | |
| <u>Sealing Record</u> | | | | | |
| Plug ID: | | 933277482 | | | |
| Layer: | | 2 | | | |
| Plug From: | | 3.049999952316284 | | | |
| Plug To: | | 0.0 | | | |
| Plug Depth UOM: | | m | | | |
| <u>Annular Space/Abandonment</u> | | | | | |
| <u>Sealing Record</u> | | | | | |
| Plug ID: | | 933277483 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 6.099999904632568 | | | |
| Plug To: | | 3.049999952316284 | | | |
| Plug Depth UOM: | | m | | | |
| <u>Method of Construction & Well</u> | | | | | |
| <u>Use</u> | | | | | |
| Method Construction ID: | | 961535794 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 11331188 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930855743 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | 0.0 | | | |
| Depth To: | | 6.710000038146973 | | | |
| Casing Diameter: | | 15.880000114440918 | | | |
| Casing Diameter UOM: | | cm | | | |
| Casing Depth UOM: | | m | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930855744 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | 6.099999904632568 | | | |
| Depth To: | | 103.62999725341797 | | | |
| Casing Diameter: | | | | | |
| Casing Diameter UOM: | | cm | | | |
| Casing Depth UOM: | | m | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 11345674 | | | |
| Pump Set At: | | 91.44000244140625 | | | |
| Static Level: | | 3.4600000381469727 | | | |
| Final Level After Pumping: | | 38.65999984741211 | | | |
| Recommended Pump Depth: | | 91.44000244140625 | | | |
| Pumping Rate: | | 45.5 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 45.5 | | | |
| Levels UOM: | | m | | | |
| Rate UOM: | | LPM | | | |
| Water State After Test Code: | | 2 | | | |
| Water State After Test: | | CLOUDY | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | 0 | | | |
| Flowing: | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455107 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 50 | | | |
| Test Level: | | 3.7100000381469727 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455118 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 40 | | | |
| Test Level: | | 4.380000114440918 | | | |
| Test Level UOM: | | m | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455120 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 3 | | | |
| Test Level: | | 32.61000061035156 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455103 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 10 | | | |
| Test Level: | | 20.729999542236328 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455109 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 40 | | | |
| Test Level: | | 36.56999969482422 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455112 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 8.210000038146973 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455115 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 20 | | | |
| Test Level: | | 11.470000267028809 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455116 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 20 | | | |
| Test Level: | | 29.280000686645508 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455122 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 2 | | | |
| Test Level: | | 34.540000915527344 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455102 | | | |
| Test Type: | | Recovery | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <i>Test Duration:</i> | | | 5 | | |
| <i>Test Level:</i> | | | 28.969999313354492 | | |
| <i>Test Level UOM:</i> | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 11455114 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 25 | | |
| <i>Test Level:</i> | | | 32.060001373291016 | | |
| <i>Test Level UOM:</i> | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 11455119 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 4 | | |
| <i>Test Level:</i> | | | 11.640000343322754 | | |
| <i>Test Level UOM:</i> | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 11455123 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 50 | | |
| <i>Test Level:</i> | | | 37.90999984741211 | | |
| <i>Test Level UOM:</i> | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 11455125 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 1 | | |
| <i>Test Level:</i> | | | 36.560001373291016 | | |
| <i>Test Level UOM:</i> | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 11455101 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 30 | | |
| <i>Test Level:</i> | | | 6.159999847412109 | | |
| <i>Test Level UOM:</i> | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 11455111 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 30 | | |
| <i>Test Level:</i> | | | 33.959999084472656 | | |
| <i>Test Level UOM:</i> | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 11455113 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 2 | | |
| <i>Test Level:</i> | | | 7.480000019073486 | | |
| <i>Test Level UOM:</i> | | | m | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455117 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 15 | | |
| Test Level: | | | 15.979999542236328 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455105 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 15 | | |
| Test Level: | | | 26.020000457763672 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455108 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 5 | | |
| Test Level: | | | 13.479999542236328 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455110 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 60 | | |
| Test Level: | | | 38.65999984741211 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455126 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 4 | | |
| Test Level: | | | 30.739999771118164 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455104 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 10 | | |
| Test Level: | | | 21.469999313354492 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455121 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 3 | | |
| Test Level: | | | 9.649999618530273 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11455124 | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|----------------------|----------------------------|-------------|
| Test Type: | | Draw Down | | | |
| Test Duration: | | 1 | | | |
| Test Level: | | 5.179999828338623 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11455106 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 3.559999942779541 | | | |
| Test Level UOM: | | m | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 934065038 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | | | | |
| Kind: | | | | | |
| Water Found Depth: | | 100.58000183105469 | | | |
| Water Found Depth UOM: | | m | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 934065037 | | | |
| Layer: | | 2 | | | |
| Kind Code: | | | | | |
| Kind: | | | | | |
| Water Found Depth: | | 101.19000244140625 | | | |
| Water Found Depth UOM: | | m | | | |
| <u>Hole Diameter</u> | | | | | |
| Hole ID: | | 11533914 | | | |
| Diameter: | | 15.239999771118164 | | | |
| Depth From: | | 0.0 | | | |
| Depth To: | | 103.62999725341797 | | | |
| Hole Depth UOM: | | m | | | |
| Hole Diameter UOM: | | cm | | | |
| 6 | 1 of 1 | NNE/3.2 | 106.6 / -4.99 | lot 23 con 4 ON | WWIS |
| Well ID: | | 1528550 | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | | Commerical | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | |
| Final Well Status: | | Water Supply | | 1 | |
| Water Type: | | | | Date Received: | |
| Casing Material: | | | | 07/17/1995 | |
| Audit No: | | 137540 | | Selected Flag: | |
| Tag: | | | | TRUE | |
| Constructn Method: | | | | Abandonment Rec: | |
| Elevation (m): | | | | Contractor: | |
| Elevatn Reliability: | | | | 3644 | |
| Depth to Bedrock: | | | | Form Version: | |
| Well Depth: | | | | 1 | |
| Overburden/Bedrock: | | | | Owner: | |
| Pump Rate: | | | | County: | |
| Static Water Level: | | | | OTTAWA-CARLETON | |
| Clear/Cloudy: | | | | Lot: | |
| Municipality: | | NEPEAN TOWNSHIP | | 023 | |
| | | | | Concession: | |
| | | | | 04 | |
| | | | | Concession Name: | |
| | | | | RF | |
| | | | | Easting NAD83: | |
| | | | | Northing NAD83: | |
| | | | | Zone: | |
| | | | | UTM Reliability: | |

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

Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1528550.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/01/1995
Year Completed: 1995
Depth (m): 49.6824
Latitude: 45.282627150928
Longitude: -75.7964786095077
X: -75.79647844905796
Y: 45.28262714400202
Path: 152\1528550.pdf

Bore Hole Information

| | | | |
|-------------------------------------|--------------|-------------------------|-------------|
| Bore Hole ID: | 10050086 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437534.70 |
| Code OB Desc: | | North83: | 5014656.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 05/01/1995 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | lot |
| Location Method Desc: | Lot centroid | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

Formation ID: 931070010
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931070011
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 40.0 | | | |
| Formation End Depth: | | 163.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961528550 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10598656 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930087548 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 163.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930087547 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 42.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991528550 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 10.0 | | | |
| Final Level After Pumping: | | 150.0 | | | |
| Recommended Pump Depth: | | 150.0 | | | |
| Pumping Rate: | | 2.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 3.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | | | | |
| Water State After Test: | | | | | |
| 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 No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934906464 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 53.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934388345 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 98.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934104720 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 123.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934648861 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 75.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933488280 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 120.0 | | | |
| Water Found Depth UOM: | | ft | | | |

7 1 of 1 **NNE/4.4** **106.6 / -4.99** **Cedarhill Golf Enterprises Inc.** **ECA**

Ottawa ON K2R 1C5

| | | | |
|---------------------------|---|----------------------|----------|
| Approval No: | 8837-8GQJZY | MOE District: | Ottawa |
| Approval Date: | 2011-05-11 | City: | |
| Status: | Approved | Longitude: | -75.7965 |
| Record Type: | ECA | Latitude: | 45.2827 |
| Link Source: | IDS | Geometry X: | |
| SWP Area Name: | Rideau Valley | Geometry Y: | |
| Approval Type: | ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS | | |
| Project Type: | MUNICIPAL AND PRIVATE SEWAGE WORKS | | |
| Business Name: | Cedarhill Golf Enterprises Inc. | | |
| Address: | | | |
| Full Address: | | | |
| Full PDF Link: | https://www.accessenvironment.ene.gov.on.ca/instruments/8351-87TP28-14.pdf | | |
| PDF Site Location: | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|---|-------------------------|---------------|----------------------------|------------------|
| <u>8</u> | 1 of 1 | S/12.4 | 110.5 / -1.08 | ON | BORE |
| Borehole ID: | 848530 | | | Inclin FLG: | No |
| OGF ID: | 215590151 | | | SP Status: | Initial Entry |
| Status: | Decommissioned | | | Surv Elev: | No |
| Type: | Borehole | | | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | | | Primary Name: | |
| Completion Date: | 04-APR-1991 | | | Municipality: | |
| Static Water Level: | | | | Lot: | LOT 21 |
| Primary Water Use: | | | | Township: | NEPEAN |
| Sec. Water Use: | | | | Latitude DD: | 45.273752 |
| Total Depth m: | 4.8 | | | Longitude DD: | -75.797702 |
| Depth Ref: | Ground Surface | | | UTM Zone: | 18 |
| Depth Elev: | | | | Easting: | 437429 |
| Drill Method: | Hollow stem auger | | | Northing: | 5013671 |
| Orig Ground Elev m: | 110 | | | Location Accuracy: | |
| Elev Reliabil Note: | | | | Accuracy: | Within 20 metres |
| DEM Ground Elev m: | 106 | | | | |
| Concession: | | CON 4 | | | |
| Location D: | | | | | |
| Survey D: | | | | | |
| Comments: | | | | | |
| <u>Borehole Geology Stratum</u> | | | | | |
| Geology Stratum ID: | 6561292 | | | Mat Consistency: | |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | 1.7 | | | Material Texture: | |
| Material Color: | Brown | | | Non Geo Mat Type: | |
| Material 1: | Fill | | | Geologic Formation: | |
| Material 2: | Sand | | | Geologic Group: | |
| Material 3: | Silt | | | Geologic Period: | |
| Material 4: | Roots | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | SILTY SAND (FILL), CONTAINS TRACES OF ROOT FIBRES AND TOPSOIL ENCLOSURES, BROWN TO DARK BROWN **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6561293 | | | Mat Consistency: | Dense |
| Top Depth: | 1.7 | | | Material Moisture: | |
| Bottom Depth: | 4.1 | | | Material Texture: | |
| Material Color: | Brown | | | Non Geo Mat Type: | |
| Material 1: | Till | | | Geologic Formation: | |
| Material 2: | Sand | | | Geologic Group: | |
| Material 3: | Silt | | | Geologic Period: | |
| Material 4: | Gravel | | | Depositional Gen: | glacial |
| Gsc Material Description: | | | | | |
| Stratum Description: | BROWN TO GREY, HETEROGENEOUS MIXTURE OF SILTY SAND, SOME GRAVEL, TRACE OF CLAY, CONTAINS NUMEROUS BOULDERS, DENSE TO VERY DENSE (GLACIAL TILL), BROWN TO GREY **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6561294 | | | Mat Consistency: | |
| Top Depth: | 4.1 | | | Material Moisture: | |
| Bottom Depth: | 4.8 | | | Material Texture: | |
| Material Color: | Grey | | | Non Geo Mat Type: | |
| Material 1: | Bedrock | | | Geologic Formation: | |
| Material 2: | Limestone | | | Geologic Group: | |
| Material 3: | Light-coloured | | | Geologic Period: | |
| Material 4: | Dark-Coloured | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | LIGHT TO DARK GREY, BEDROCK LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|---|----------------------------|------------------|---------------------------|-----------------|
| 9 | 1 of 3 | E/22.6 | 104.8 / -6.75 | lot 22 con 4 ON | WWIS |
| Well ID: | 1522195 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Domestic | | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | 1 |
| Final Well Status: | Water Supply | | | Date Received: | 02/01/1988 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | 25078 | | | Contractor: | 1558 |
| Tag: | | | | Form Version: | 1 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 022 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | CON |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | | | |
| Site Info: | | | | | |
| PDF URL (Map): | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1522195.pdf | | | | |
| <u>Additional Detail(s) (Map)</u> | | | | | |
| Well Completed Date: | 11/30/1987 | | | | |
| Year Completed: | 1987 | | | | |
| Depth (m): | 38.1 | | | | |
| Latitude: | 45.2792028576279 | | | | |
| Longitude: | -75.7944289506121 | | | | |
| X: | -75.79442879009332 | | | | |
| Y: | 45.27920285128958 | | | | |
| Path: | 152\1522195.pdf | | | | |
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: | 10044008 | | | Elevation: | |
| DP2BR: | | | | Elevrc: | |
| Spatial Status: | | | | Zone: | 18 |
| Code OB: | | | | East83: | 437691.70 |
| Code OB Desc: | | | | North83: | 5014274.00 |
| Open Hole: | | | | Org CS: | |
| Cluster Kind: | | | | UTMRC: | 9 |
| Date Completed: | 11/30/1987 | | | UTMRC Desc: | unknown UTM |
| Remarks: | | | | Location Method: | lot |
| Location Method Desc: | Lot centroid | | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | 931050534 | | | | |
| Layer: | 2 | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Color: | 1 | | | | |
| General Color: | | WHITE | | | |
| Material 1: | 18 | | | | |
| Material 1 Desc: | | SANDSTONE | | | |
| Material 2: | 74 | | | | |
| Material 2 Desc: | | LAYERED | | | |
| Material 3: | 90 | | | | |
| Material 3 Desc: | | VERY | | | |
| Formation Top Depth: | 4.0 | | | | |
| Formation End Depth: | 125.0 | | | | |
| Formation End Depth UOM: | ft | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | 931050533 | | | | |
| Layer: | 1 | | | | |
| Color: | 6 | | | | |
| General Color: | | BROWN | | | |
| Material 1: | 05 | | | | |
| Material 1 Desc: | | CLAY | | | |
| Material 2: | 79 | | | | |
| Material 2 Desc: | | PACKED | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | 0.0 | | | | |
| Formation End Depth: | 4.0 | | | | |
| Formation End Depth UOM: | ft | | | | |
| <u>Method of Construction & Well</u> | | | | | |
| <u>Use</u> | | | | | |
| Method Construction ID: | 961522195 | | | | |
| Method Construction Code: | 5 | | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | 10592578 | | | | |
| Casing No: | 1 | | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | 930076952 | | | | |
| Layer: | 2 | | | | |
| Material: | 4 | | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | 100.0 | | | | |
| Casing Diameter: | 6.0 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | 930076953 | | | | |
| Layer: | 3 | | | | |
| Material: | 4 | | | | |
| Open Hole or Material: | | OPEN HOLE | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Depth From: | | | | | |
| Depth To: | | 125.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930076951 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 20.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991522195 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 3.0 | | | |
| Final Level After Pumping: | | 50.0 | | | |
| Recommended Pump Depth: | | 75.0 | | | |
| Pumping Rate: | | 15.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 5.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 1 | | | |
| Water State After Test: | | CLEAR | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | 0 | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934109309 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 50.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934654545 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 50.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934392994 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 50.0 | | | |
| 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: | | 934903377 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 50.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933479993 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 117.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| | | | | | |
|----------------------------|---|--------|---------------|---------------------------|-----------------|
| 9 | 2 of 3 | E/22.6 | 104.8 / -6.75 | lot 22 con 4 ON | WWIS |
| Well ID: | 1525630 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Domestic | | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | 1 |
| Final Well Status: | Water Supply | | | Date Received: | 10/02/1991 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | 100093 | | | Contractor: | 1558 |
| Tag: | | | | Form Version: | 1 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 022 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | | | |
| Site Info: | | | | | |
| PDF URL (Map): | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1525630.pdf | | | | |

Additional Detail(s) (Map)

| | |
|-----------------------------|--------------------|
| Well Completed Date: | 08/12/1991 |
| Year Completed: | 1991 |
| Depth (m): | 41.148 |
| Latitude: | 45.2792028576279 |
| Longitude: | -75.7944289506121 |
| X: | -75.79442879009332 |
| Y: | 45.27920285128958 |
| Path: | 152\1525630.pdf |

Bore Hole Information

| | | | |
|------------------------|----------|-------------------|------------|
| Bore Hole ID: | 10047365 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437691.70 |
| Code OB Desc: | | North83: | 5014274.00 |
| Open Hole: | | Org CS: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------------|-------------------|----------------------------|------------------|-------------------------|-------------|
| Cluster Kind: | | | | UTMRC: | 9 |
| Date Completed: | 08/12/1991 | | | UTMRC Desc: | unknown UTM |
| Remarks: | | | | Location Method: | lot |
| Location Method Desc: | | Lot centroid | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |

Overburden and Bedrock
Materials Interval

Formation ID: 931061845
Layer: 3
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 110.0
Formation End Depth: 135.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931061844
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 9.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931061843
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 0.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961525630 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10595935 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930082912 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 22.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930082913 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 135.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991525630 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 6.0 | | | |
| Final Level After Pumping: | | 30.0 | | | |
| Recommended Pump Depth: | | 75.0 | | | |
| Pumping Rate: | | 30.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 15.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 1 | | | |
| Water State After Test: | | CLEAR | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | 0 | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934388247 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|---------------------------|------|
| Test Type: | | Draw Down | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 30.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934906384 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 30.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934649204 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 30.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934104589 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 30.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933484679 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 129.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>9</u> | 3 of 3 | E/22.6 | 104.8 / -6.75 | lot 22 con 4 ON | WWIS |
| Well ID: | | 1527561 | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | | Domestic | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | |
| Final Well Status: | | Water Supply | | Date Received: | |
| Water Type: | | | | Selected Flag: | |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | | 138013 | | Contractor: | |
| Tag: | | | | Form Version: | |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | |
| Elevatn Reliabilty: | | | | Lot: | |
| Depth to Bedrock: | | | | Concession: | |
| Well Depth: | | | | Concession Name: | |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-----------------------|--------------------------|---|--------------------------|-------------|-----------|
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1527561.pdf | | | |

Additional Detail(s) (Map)

Well Completed Date: 10/07/1993
Year Completed: 1993
Depth (m): 29.8704
Latitude: 45.2792028576279
Longitude: -75.7944289506121
X: -75.79442879009332
Y: 45.27920285128958
Path: 152\1527561.pdf

Bore Hole Information

| | | | |
|-------------------------------------|--------------|-------------------------|-------------|
| Bore Hole ID: | 10049196 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437691.70 |
| Code OB Desc: | | North83: | 5014274.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 10/07/1993 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | lot |
| Location Method Desc: | Lot centroid | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

Formation ID: 931067031
Layer: 2
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 13.0
Formation End Depth: 98.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931067030
Layer: 1
Color: 6
General Color: BROWN
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2: 71
Material 2 Desc: FRACTURED
Material 3: 74
Material 3 Desc: LAYERED

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 13.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| Plug ID: | | 933112538 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 0.0 | | | |
| Plug To: | | 22.0 | | | |
| Plug Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961527561 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10597766 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930085921 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 26.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930085922 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 73.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930085923 | | | |
| Layer: | | 3 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 98.0 | | | |
| Casing Diameter: | | 6.0 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991527561 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 9.0 | | | |
| Final Level After Pumping: | | 25.0 | | | |
| Recommended Pump Depth: | | 50.0 | | | |
| Pumping Rate: | | 30.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 5.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 2 | | | |
| Water State After Test: | | CLOUDY | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | 0 | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934111215 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 11.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934655357 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 9.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934386031 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 9.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934903730 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 9.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933487055 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|------------------------|-------------------|----------------------------|------------------|------|----|
| Water Found Depth: | | 65.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| Water Details | | | | | |
| Water ID: | | 933487056 | | | |
| Layer: | | 2 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 85.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| | | | | | |
|---------------------|-----------------|---------|--------------|--------------------|-----------------|
| 10 | 1 of 1 | NW/43.2 | 113.9 / 2.34 | lot 24 con 4 ON | WWIS |
| Well ID: | 1506106 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Industrial | | | Data Entry Status: | |
| Use 2nd: | 0 | | | Data Src: | 1 |
| Final Well Status: | Water Supply | | | Date Received: | 12/14/1966 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | | | | Contractor: | 1802 |
| Tag: | | | | Form Version: | 1 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 024 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | | | |
| Site Info: | | | | | |

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506106.pdf

Additional Detail(s) (Map)

| | |
|----------------------|--------------------|
| Well Completed Date: | 07/07/1966 |
| Year Completed: | 1966 |
| Depth (m): | 24.384 |
| Latitude: | 45.2838989327874 |
| Longitude: | -75.8025403940659 |
| X: | -75.80254023266743 |
| Y: | 45.28389892599604 |
| Path: | 150\1506106.pdf |

Bore Hole Information

| | | | |
|-----------------------|--|------------------|---------------------------------|
| Bore Hole ID: | 10028149 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437060.70 |
| Code OB Desc: | | North83: | 5014802.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 5 |
| Date Completed: | 07/07/1966 | UTMRC Desc: | margin of error : 100 m - 300 m |
| Remarks: | | Location Method: | p5 |
| Location Method Desc: | Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m | | |
| Elevrc Desc: | | | |

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

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

**Overburden and Bedrock
Materials Interval**

Formation ID: 931003802
Layer: 1
Color:
General Color:
Material 1: 01
Material 1 Desc: FILL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931003803
Layer: 2
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961506106
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10576719
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049045
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: | | 20.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049046 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 80.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991506106 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 20.0 | | | |
| Final Level After Pumping: | | 50.0 | | | |
| Recommended Pump Depth: | | 70.0 | | | |
| Pumping Rate: | | 4.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 3.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 1 | | | |
| Water State After Test: | | CLEAR | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | 30 | | | |
| Flowing: | | No | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933460189 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 22.0 | | | |
| Water Found Depth UOM: | | ft | | | |

[11](#)

1 of 1

NW/43.3

113.9 / 2.34

ON

BORE

| | | | |
|---------------------|----------------|---------------|---------------|
| Borehole ID: | 610564 | Inclin FLG: | No |
| OGF ID: | 215512077 | SP Status: | Initial Entry |
| Status: | | Surv Elev: | No |
| Type: | Borehole | Piezometer: | No |
| Use: | | Primary Name: | |
| Completion Date: | JUL-1966 | Municipality: | |
| Static Water Level: | | Lot: | |
| Primary Water Use: | | Township: | |
| Sec. Water Use: | | Latitude DD: | 45.2839 |
| Total Depth m: | 24.4 | Longitude DD: | -75.802541 |
| Depth Ref: | Ground Surface | UTM Zone: | 18 |
| Depth Elev: | | Easting: | 437061 |
| Drill Method: | | Northing: | 5014802 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--|----------------------------|------------------|---|--|
| Orig Ground Elev m: Elev Reliabil Note: DEM Ground Elev m: Concession: Location D: Survey D: Comments: | 109 | | | Location Accuracy: Accuracy: | Not Applicable |
| <u>Borehole Geology Stratum</u> | | | | | |
| Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: | 218385894 0 3 Fill Fill | | | Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | fill |
| Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: | 218385895 3 24.4 Limestone | | | Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | LIMESTONE. 00022000350. UNSPECIFIED. SEISMIC VELOCITY = 6500. BEDROCK. SEISMIC VELOCITY = **Note: Many records provided by the department have a truncated [Stratum Description] field. |
| <u>Source</u> | | | | | |
| Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1: | Data Survey Geological Survey of Canada 1956-1972 | | | Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: | Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level |
| <u>Source List</u> | | | | | |
| Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators: | 1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada | | | Horizontal Datum: Vertical Datum: Projection Name: | NAD27 Mean Average Sea Level Universal Transverse Mercator |
| 12 | 1 of 1 | NE/47.8 | 109.2 / -2.39 | lot 23 con 4 ON | WWIS |
| Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: | 1533716 Water Supply | | | Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: | 1 05/08/2003 TRUE |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------|-------------------|---|------------------|-------------------------|-----------------|
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | 248251 | | | Contractor: | 1119 |
| Tag: | | | | Form Version: | 1 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 023 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | | | | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1533716.pdf | | | |

Additional Detail(s) (Map)

Well Completed Date: 03/20/2003
Year Completed: 2003
Depth (m): 67.9704
Latitude: 45.2827838322094
Longitude: -75.7959541948255
X: -75.7959540334166
Y: 45.28278382537308
Path: 153\1533716.pdf

Bore Hole Information

| | | | |
|-------------------------------------|------------|-------------------------|--------------------------------|
| Bore Hole ID: | 10537550 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437576.00 |
| Code OB Desc: | | North83: | 5014673.00 |
| Open Hole: | | Org CS: | NA |
| Cluster Kind: | | UTMRC: | 6 |
| Date Completed: | 03/20/2003 | UTMRC Desc: | margin of error : 300 m - 1 km |
| Remarks: | | Location Method: | gis |
| Location Method Desc: | from gis | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

Formation ID: 932905562
Layer: 3
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2: 46
Material 2 Desc: QUARTZ
Material 3:
Material 3 Desc:
Formation Top Depth: 121.0
Formation End Depth: 223.0
Formation End Depth UOM: ft

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 932905560 | | | |
| Layer: | | 1 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 05 | | | |
| Material 1 Desc: | | CLAY | | | |
| Material 2: | | 81 | | | |
| Material 2 Desc: | | SANDY | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 7.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 932905561 | | | |
| Layer: | | 2 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 7.0 | | | |
| Formation End Depth: | | 121.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Annular Space/Abandonment</u> | | | | | |
| <u>Sealing Record</u> | | | | | |
| Plug ID: | | 933236246 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 2.0 | | | |
| Plug To: | | 22.0 | | | |
| Plug Depth UOM: | | ft | | | |
| <u>Method of Construction & Well</u> | | | | | |
| <u>Use</u> | | | | | |
| Method Construction ID: | | 961533716 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 11086120 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Casing ID: | | 930097483 | | | |
| Layer: | | 2 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 22.0 | | | |
| Casing Diameter: | | 8.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930097482 | | | |
| Layer: | | 1 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 20.0 | | | |
| Casing Diameter: | | 12.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930097484 | | | |
| Layer: | | 3 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 223.0 | | | |
| Casing Diameter: | | 8.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991533716 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 2.0 | | | |
| Final Level After Pumping: | | 210.0 | | | |
| Recommended Pump Depth: | | 210.0 | | | |
| Pumping Rate: | | 90.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 90.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 2 | | | |
| Water State After Test: | | CLOUDY | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | 0 | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934665371 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 2.0 | | | |
| 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: | | 934913498 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 2.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934396091 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 2.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934121238 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 2.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 934031047 | | | |
| Layer: | | 4 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 173.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 934031046 | | | |
| Layer: | | 3 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 164.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 934031045 | | | |
| Layer: | | 2 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 152.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 934031044 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 129.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--------------------|-------------------|----------------------------|------------------|---------------------------------|------|
| 13 | 1 of 1 | NNE/68.0 | 110.1 / -1.42 | 38 CEDARHILL DRIVE OTTAWA ON | WWIS |

| | | | |
|----------------------------|-----------------|---------------------------|-----------------|
| Well ID: | 7210748 | Flowing (Y/N): | |
| Construction Date: | | Flow Rate: | |
| Use 1st: | Domestic | Data Entry Status: | |
| Use 2nd: | | Data Src: | |
| Final Well Status: | Water Supply | Date Received: | 11/12/2013 |
| Water Type: | | Selected Flag: | TRUE |
| Casing Material: | | Abandonment Rec: | |
| Audit No: | Z155231 | Contractor: | 1119 |
| Tag: | A128166 | Form Version: | 7 |
| Constructn Method: | | Owner: | |
| Elevation (m): | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | Lot: | |
| Depth to Bedrock: | | Concession: | |
| Well Depth: | | Concession Name: | |
| Overburden/Bedrock: | | Easting NAD83: | |
| Pump Rate: | | Northing NAD83: | |
| Static Water Level: | | Zone: | |
| Clear/Cloudy: | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | |
| Site Info: | | | |

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7210748.pdf

Additional Detail(s) (Map)

| | |
|-----------------------------|--------------------|
| Well Completed Date: | 08/28/2013 |
| Year Completed: | 2013 |
| Depth (m): | 18.288 |
| Latitude: | 45.2849454202613 |
| Longitude: | -75.7970682817359 |
| X: | -75.79706812078541 |
| Y: | 45.28494541296854 |
| Path: | 721\7210748.pdf |

Bore Hole Information

| | | | |
|-------------------------------------|----------------------|-------------------------|--------------------------------|
| Bore Hole ID: | 1004625791 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437491.00 |
| Code OB Desc: | | North83: | 5014914.00 |
| Open Hole: | | Org CS: | UTM83 |
| Cluster Kind: | | UTMRC: | 4 |
| Date Completed: | 08/28/2013 | UTMRC Desc: | margin of error : 30 m - 100 m |
| Remarks: | | Location Method: | wwr |
| Location Method Desc: | on Water Well Record | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

| | |
|-----------------------|------------|
| Formation ID: | 1004875464 |
| Layer: | 3 |
| Color: | 2 |
| General Color: | GREY |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 22.0 | | | |
| Formation End Depth: | | 25.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 1004875462 | | | |
| Layer: | | 1 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 05 | | | |
| Material 1 Desc: | | CLAY | | | |
| Material 2: | | 81 | | | |
| Material 2 Desc: | | SANDY | | | |
| Material 3: | | 13 | | | |
| Material 3 Desc: | | BOULDERS | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 4.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 1004875465 | | | |
| Layer: | | 4 | | | |
| Color: | | 1 | | | |
| General Color: | | WHITE | | | |
| Material 1: | | 20 | | | |
| Material 1 Desc: | | QUARTZITE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 25.0 | | | |
| Formation End Depth: | | 60.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 1004875463 | | | |
| Layer: | | 2 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 4.0 | | | |
| Formation End Depth: | | 22.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Annular Space/Abandonment</u> | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <u>Sealing Record</u> | | | | | |
| Plug ID: | | 1004875500 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 20.0 | | | |
| Plug To: | | 0.0 | | | |
| Plug Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 1004875499 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 1004875460 | | | |
| Casing No: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 1004875469 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | -2.0 | | | |
| Depth To: | | 20.0 | | | |
| Casing Diameter: | | 6.25 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 1004875470 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | 20.0 | | | |
| Depth To: | | 60.0 | | | |
| Casing Diameter: | | 5.875 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Screen</u> | | | | | |
| Screen ID: | | 1004875471 | | | |
| 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> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <i>Pumping Test Method Desc:</i> | | | | | |
| <i>Pump Test ID:</i> | | | 1004875461 | | |
| <i>Pump Set At:</i> | | | 60.0 | | |
| <i>Static Level:</i> | | | 21.100000381469727 | | |
| <i>Final Level After Pumping:</i> | | | 23.899999618530273 | | |
| <i>Recommended Pump Depth:</i> | | | 50.0 | | |
| <i>Pumping Rate:</i> | | | 20.0 | | |
| <i>Flowing Rate:</i> | | | | | |
| <i>Recommended Pump Rate:</i> | | | 20.0 | | |
| <i>Levels UOM:</i> | | | ft | | |
| <i>Rate UOM:</i> | | | GPM | | |
| <i>Water State After Test Code:</i> | | | 0 | | |
| <i>Water State After Test:</i> | | | | | |
| <i>Pumping Test Method:</i> | | | 0 | | |
| <i>Pumping Duration HR:</i> | | | 1 | | |
| <i>Pumping Duration MIN:</i> | | | 0 | | |
| <i>Flowing:</i> | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1004875482 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 10 | | |
| <i>Test Level:</i> | | | 22.799999237060547 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1004875491 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 30 | | |
| <i>Test Level:</i> | | | 21.100000381469727 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1004875473 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 1 | | |
| <i>Test Level:</i> | | | 21.100000381469727 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1004875477 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 3 | | |
| <i>Test Level:</i> | | | 21.100000381469727 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1004875481 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 5 | | |
| <i>Test Level:</i> | | | 21.100000381469727 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1004875486 | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Test Type: | | Draw Down | | | |
| Test Duration: | | 20 | | | |
| Test Level: | | 23.100000381469727 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004875487 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 20 | | | |
| Test Level: | | 21.100000381469727 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004875496 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 23.899999618530273 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004875483 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 10 | | | |
| Test Level: | | 21.100000381469727 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004875488 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 23.200000762939453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004875489 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 21.100000381469727 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004875474 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 2 | | | |
| Test Level: | | 22.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004875478 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 4 | | | |
| Test Level: | | 22.299999237060547 | | | |
| 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: | | | 1004875493 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 40 | | |
| Test Level: | | | 21.100000381469727 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1004875497 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 60 | | |
| Test Level: | | | 21.100000381469727 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1004875476 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 3 | | |
| Test Level: | | | 22.200000762939453 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1004875480 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 5 | | |
| Test Level: | | | 22.399999618530273 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1004875492 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 40 | | |
| Test Level: | | | 23.5 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1004875475 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 2 | | |
| Test Level: | | | 21.100000381469727 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1004875490 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 30 | | |
| Test Level: | | | 23.299999237060547 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Pump Test Detail ID: | | 1004875495 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 50 | | | |
| Test Level: | | 21.100000381469727 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004875472 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 1 | | | |
| Test Level: | | 21.799999237060547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004875479 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 4 | | | |
| Test Level: | | 21.100000381469727 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004875484 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 23.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004875485 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 21.100000381469727 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004875494 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 50 | | | |
| Test Level: | | 23.700000762939453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 1004875468 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 8 | | | |
| Kind: | | Untested | | | |
| Water Found Depth: | | 22.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Hole Diameter</u> | | | | | |
| Hole ID: | | 1004875466 | | | |
| Diameter: | | 9.75 | | | |
| Depth From: | | 0.0 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-----------------------------|-------------------|----------------------------|------------------|------|----|
| Depth To: | | 20.0 | | | |
| Hole Depth UOM: | | ft | | | |
| Hole Diameter UOM: | | inch | | | |
| <u>Hole Diameter</u> | | | | | |
| Hole ID: | | 1004875467 | | | |
| Diameter: | | 5.875 | | | |
| Depth From: | | 20.0 | | | |
| Depth To: | | 60.0 | | | |
| Hole Depth UOM: | | ft | | | |
| Hole Diameter UOM: | | inch | | | |

| | | | | | |
|----------------------------|----------------|----------|---------------|---------------------------|----------------|
| <u>14</u> | 1 of 1 | SSE/72.2 | 110.2 / -1.39 | ON | BORE |
| Borehole ID: | 610523 | | | Inclin FLG: | No |
| OGF ID: | 215512037 | | | SP Status: | Initial Entry |
| Status: | | | | Surv Elev: | No |
| Type: | Borehole | | | Piezometer: | No |
| Use: | | | | Primary Name: | |
| Completion Date: | AUG-1970 | | | Municipality: | |
| Static Water Level: | | | | Lot: | |
| Primary Water Use: | | | | Township: | |
| Sec. Water Use: | | | | Latitude DD: | 45.2717 |
| Total Depth m: | -999 | | | Longitude DD: | -75.796376 |
| Depth Ref: | Ground Surface | | | UTM Zone: | 18 |
| Depth Elev: | | | | Easting: | 437531 |
| Drill Method: | | | | Northing: | 5013442 |
| Orig Ground Elev m: | 108 | | | Location Accuracy: | |
| Elev Reliabil Note: | | | | Accuracy: | Not Applicable |
| DEM Ground Elev m: | 110 | | | | |
| Concession: | | | | | |
| Location D: | | | | | |
| Survey D: | | | | | |
| Comments: | | | | | |

Borehole Geology Stratum

| | | | | | |
|----------------------------------|--|--|--|----------------------------|------|
| Geology Stratum ID: | 218385809 | | | Mat Consistency: | Firm |
| Top Depth: | 4.3 | | | Material Moisture: | |
| Bottom Depth: | | | | 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. SEISMIC VELOCITY = 15100. BEDROCK. SEISMIC VELOCITY = 10000. SILT. GREY,FIRM. | | | | |
| Geology Stratum ID: | 218385808 | | | Mat Consistency: | |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | 4.3 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Unknown | | | Geologic Formation: | |
| Material 2: | | | | Geologic Group: | |
| Material 3: | | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | UNSPECIFIED. SEISMIC VELOCITY = 1800. | | | | |

Source

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-----------------------------|---|----------------------------|------------------|--------------------------|-------------------------------|
| 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: | L | | | Horizontal: | NAD27 |
| Observatio: | | | | Verticalda: | Mean Average Sea Level |
| Source Name: | Urban Geology Automated Information System (UGAIS) | | | | |
| Source Details: | File: OTTAWA1.txt RecordID: 03031 NTS_Sheet: | | | | |
| Confiden 1: | Gives some indication of sub-surface condition but material is unknown. | | | | |
| 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 | | | | |

| | | | | | |
|-----------------------------|---|---------------|----------------------|----------------------------|-----------------|
| 15 | 1 of 1 | E/74.1 | 104.8 / -6.78 | lot 22 con 4 ON | WWIS |
| Well ID: | 1518834 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Domestic | | | Data Entry Status: | |
| Use 2nd: | 0 | | | Data Src: | 1 |
| Final Well Status: | Water Supply | | | Date Received: | 03/08/1984 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | | | | Contractor: | 1558 |
| Tag: | | | | Form Version: | 1 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliability: | | | | Lot: | 022 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | | | |
| Site Info: | | | | | |
| PDF URL (Map): | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518834.pdf | | | | |

Additional Detail(s) (Map)

| | |
|-----------------------------|--------------------|
| Well Completed Date: | 11/07/1983 |
| Year Completed: | 1983 |
| Depth (m): | 30.48 |
| Latitude: | 45.2796292555276 |
| Longitude: | -75.7939503985479 |
| X: | -75.79395023790083 |
| Y: | 45.27962924906079 |
| Path: | 151\1518834.pdf |

Bore Hole Information

| | | | |
|------------------------|----------|-------------------|-----------|
| Bore Hole ID: | 10040704 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437729.70 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|---|------------------|-------------------------|--------------------------------|
| Code OB Desc: | | | | North83: | 5014321.00 |
| Open Hole: | | | | Org CS: | |
| Cluster Kind: | | | | UTMRC: | 4 |
| Date Completed: | 11/07/1983 | | | UTMRC Desc: | margin of error : 30 m - 100 m |
| Remarks: | | | | Location Method: | p4 |
| Location Method Desc: | | Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931039707 | | | |
| Layer: | | 2 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 18 | | | |
| Material 1 Desc: | | SANDSTONE | | | |
| Material 2: | | 73 | | | |
| Material 2 Desc: | | HARD | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 14.0 | | | |
| Formation End Depth: | | 100.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931039706 | | | |
| Layer: | | 1 | | | |
| Color: | | 6 | | | |
| General Color: | | BROWN | | | |
| Material 1: | | 05 | | | |
| Material 1 Desc: | | CLAY | | | |
| Material 2: | | 28 | | | |
| Material 2 Desc: | | SAND | | | |
| Material 3: | | 11 | | | |
| Material 3 Desc: | | GRAVEL | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 14.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961518834 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10589274 | | | |
| 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: | | | 930071061 | | |
| Layer: | | | 2 | | |
| Material: | | | 4 | | |
| Open Hole or Material: | | | OPEN HOLE | | |
| Depth From: | | | | | |
| Depth To: | | | 100.0 | | |
| Casing Diameter: | | | 6.0 | | |
| Casing Diameter UOM: | | | inch | | |
| Casing Depth UOM: | | | ft | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | | 930071060 | | |
| Layer: | | | 1 | | |
| Material: | | | 1 | | |
| Open Hole or Material: | | | STEEL | | |
| Depth From: | | | | | |
| Depth To: | | | 20.0 | | |
| Casing Diameter: | | | 6.0 | | |
| Casing Diameter UOM: | | | inch | | |
| Casing Depth UOM: | | | ft | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | | PUMP | | |
| Pump Test ID: | | | 991518834 | | |
| Pump Set At: | | | | | |
| Static Level: | | | 10.0 | | |
| Final Level After Pumping: | | | 50.0 | | |
| Recommended Pump Depth: | | | 60.0 | | |
| Pumping Rate: | | | 20.0 | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | | 5.0 | | |
| Levels UOM: | | | ft | | |
| Rate UOM: | | | GPM | | |
| Water State After Test Code: | | | 1 | | |
| Water State After Test: | | | CLEAR | | |
| Pumping Test Method: | | | 1 | | |
| Pumping Duration HR: | | | 1 | | |
| Pumping Duration MIN: | | | 0 | | |
| Flowing: | | | No | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 934103307 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 15 | | |
| Test Level: | | | 50.0 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 934380565 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 30 | | |
| Test Level: | | | 50.0 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|----------------------------|---------------|
| Pump Test Detail ID: 934650537 | | | | | |
| Test Type: Draw Down | | | | | |
| Test Duration: 45 | | | | | |
| Test Level: 50.0 | | | | | |
| Test Level UOM: ft | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: 934900074 | | | | | |
| Test Type: Draw Down | | | | | |
| Test Duration: 60 | | | | | |
| Test Level: 50.0 | | | | | |
| Test Level UOM: ft | | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: 933475648 | | | | | |
| Layer: 1 | | | | | |
| Kind Code: 1 | | | | | |
| Kind: FRESH | | | | | |
| Water Found Depth: 60.0 | | | | | |
| Water Found Depth UOM: ft | | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: 933475649 | | | | | |
| Layer: 2 | | | | | |
| Kind Code: 1 | | | | | |
| Kind: FRESH | | | | | |
| Water Found Depth: 92.0 | | | | | |
| Water Found Depth UOM: ft | | | | | |
| 16 | 1 of 1 | S/83.1 | 117.2 / 5.66 | DIBBLEE NEPEAN ON | AMIS |
| Site Access Code: | | | | Prog Rehab Plan: | UNK |
| AMIS Distr Code: | | | | Revegetation: | |
| Abandoned Mine ID: 07085 | | | | Veg Condition: | |
| Old MDI ID: SO4020 | | | | Veg Descr: | |
| New MDI ID: MDI31G05SW00020 | | | | Chemical Doc: | |
| Mine Status: ABANDONED | | | | Jurisdiction: | A.R.A. |
| Mine Plan/Section: UNK | | | | Lot No: | 21 |
| Site Class: C | | | | Concession: | 4 |
| Clos Reason Code: | | | | Zone: | 18 |
| Closure Plan: UNK | | | | Northing: | 5013690 |
| Prim Commod Code: | | | | Easting: | 437335 |
| Primary Commodity: LIMESTONE (BUILDING STONES) | | | | Mine Closure Reaso: | UNKNOWN |
| Operational Access: NOT AVAILABLE | | | | AMIS District: | TWEED |
| Date Entered: | | | | District Desc: | TWEED |
| Date Last Modified: 11/19/2021 12:00:00 AM | | | | Animal Desc: | |
| Effective Date: | | | | Status Type Code: | |
| Start Year: | | | | Long Name: | 1018435050100 |
| End Year: | | | | NTS No: | 031G05 |
| Evid of Site Conta: | | | | Latitude: | 45.27391 |
| Evid of Sulphide: | | | | Longitude: | -75.7989 |
| Evid Animals Pres: | | | | | |
| Hyper Link: | | | | | |
| Mine Features Desc: | | | | | |
| Progressive Rehabilitation Sta: NOT REHABILITATED | | | | | |
| AMIS Bkgrd Info: PAST PRODUCER; QUARRY LICENCE 0090; 19M DEEP; 26.3HA; LICENCED BY THE AGGREGATE RESOURCES ACT.; LOCATED AT QUARRY MARKING 2.5KM E. OF FALLOWFIELD ON MAP DEMR 1987, NTS 31G05 OTTAWA.; COMMODITY: LIMESTONE; | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--|----------------------------|------------------|----------------------------|------------------|
| Alternate Name: | | DIBBLEE | | | |
| 17 | 1 of 1 | S/89.1 | 114.3 / 2.70 | ON | BORE |
| Borehole ID: | 848529 | | | Inclin FLG: | No |
| OGF ID: | 215590150 | | | SP Status: | Initial Entry |
| Status: | Decommissioned | | | Surv Elev: | No |
| Type: | Borehole | | | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | | | Primary Name: | |
| Completion Date: | 12-APR-1991 | | | Municipality: | |
| Static Water Level: | | | | Lot: | LOT 21 |
| Primary Water Use: | | | | Township: | NEPEAN |
| Sec. Water Use: | | | | Latitude DD: | 45.272152 |
| Total Depth m: | 4.9 | | | Longitude DD: | -75.79745 |
| Depth Ref: | Ground Surface | | | UTM Zone: | 18 |
| Depth Elev: | | | | Easting: | 437447 |
| Drill Method: | Hollow stem auger | | | Northing: | 5013493 |
| Orig Ground Elev m: | 112 | | | Location Accuracy: | |
| Elev Reliabil Note: | | | | Accuracy: | Within 20 metres |
| DEM Ground Elev m: | 112 | | | | |
| Concession: | | CON 4 | | | |
| Location D: | | | | | |
| Survey D: | | | | | |
| Comments: | | | | | |
| <u>Borehole Geology Stratum</u> | | | | | |
| Geology Stratum ID: | 6561291 | | | Mat Consistency: | |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | 4.9 | | | Material Texture: | |
| Material Color: | Grey-Brown | | | Non Geo Mat Type: | |
| Material 1: | Fill | | | Geologic Formation: | |
| Material 2: | Sand - Gravel | | | Geologic Group: | |
| Material 3: | Limestone | | | Geologic Period: | |
| Material 4: | Bedrock | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | 300 MM SAND AND GRAVEL (FILL), GREYISH BROWN, LIGHT TO DARK GREY, LIMESTONE, LIGHT TO DARK GREY. BEDROCK, GREENISH GREY, SILTY DOLOSTONE, GREENISH GREY, LIGHT TO DARK GREY, LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| 18 | 1 of 1 | NW/96.1 | 115.2 / 3.61 | lot 24 con 4 ON | WWIS |
| Well ID: | 1532255 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Not Used | | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | 1 |
| Final Well Status: | Test Hole | | | Date Received: | 09/20/2001 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | 234298 | | | Contractor: | 1119 |
| Tag: | | | | Form Version: | 1 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 024 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | CON |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |

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

Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532255.pdf

Additional Detail(s) (Map)

Well Completed Date: 07/26/2001
Year Completed: 2001
Depth (m): 54.864
Latitude: 45.2847340433547
Longitude: -75.8028288710701
X: -75.80282870938682
Y: 45.284734036007166
Path: 153\1532255.pdf

Bore Hole Information

| | | | |
|-------------------------------------|------------|-------------------------|-----------------------------|
| Bore Hole ID: | 10516705 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437039.00 |
| Code OB Desc: | | North83: | 5014895.00 |
| Open Hole: | | Org CS: | N83 |
| Cluster Kind: | | UTMRC: | 3 |
| Date Completed: | 07/26/2001 | UTMRC Desc: | margin of error : 10 - 30 m |
| Remarks: | | Location Method: | |
| Location Method Desc: | | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

Formation ID: 932832300
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 14.0
Formation End Depth: 104.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932832299
Layer: 1
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2: 81
Material 2 Desc: SANDY

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Material 3: | | 26 | | | |
| Material 3 Desc: | | ROCK | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 14.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 932832301 | | | |
| Layer: | | 3 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 18 | | | |
| Material 1 Desc: | | SANDSTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 104.0 | | | |
| Formation End Depth: | | 180.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Annular Space/Abandonment</u> | | | | | |
| <u>Sealing Record</u> | | | | | |
| Plug ID: | | 933219705 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 2.0 | | | |
| Plug To: | | 22.0 | | | |
| Plug Depth UOM: | | ft | | | |
| <u>Method of Construction & Well</u> | | | | | |
| <u>Use</u> | | | | | |
| Method Construction ID: | | 961532255 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 11065275 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930094441 | | | |
| Layer: | | 3 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Casing ID: | | 930094439 | | | |
| Layer: | | 1 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | 8.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930094440 | | | |
| Layer: | | 2 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991532255 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 14.0 | | | |
| Final Level After Pumping: | | 180.0 | | | |
| Recommended Pump Depth: | | 180.0 | | | |
| Pumping Rate: | | 4.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 4.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 2 | | | |
| Water State After Test: | | CLOUDY | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934399854 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 14.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934917262 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 14.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934116240 | | | |
| Test Type: | | Recovery | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| Test Duration: | | 15 | | | |
| Test Level: | | 14.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934660376 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 14.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 934008407 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 124.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 934008408 | | | |
| Layer: | | 2 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 180.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| | | | | | |
|--|--------|---|--------------|---|------|
| 19 | 1 of 2 | SW/114.0 | 116.8 / 5.25 | 201 DIBBLE RD lot 22 con 4 NEPEAN ON | WWIS |
| Well ID: | | 7189269 | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | | Domestic | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | |
| Final Well Status: | | Water Supply | | Date Received: 10/09/2012 | |
| Water Type: | | | | Selected Flag: TRUE | |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | | Z144701 | | Contractor: 1119 | |
| Tag: | | A135345 | | Form Version: 7 | |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: OTTAWA-CARLETON | |
| Elevatn Reliabilty: | | | | Lot: 022 | |
| Depth to Bedrock: | | | | Concession: 04 | |
| Well Depth: | | | | Concession Name: RF | |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | | | | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7189269.pdf | | | |
| <u>Additional Detail(s) (Map)</u> | | | | | |
| Well Completed Date: | | 06/27/2012 | | | |
| Year Completed: | | 2012 | | | |
| Depth (m): | | 152.4 | | | |
| Latitude: | | 45.2765061965862 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|------------|-------------------|----------------------------|------------------|------|----|
| Longitude: | | -75.8016163894274 | | | |
| X: | | -75.8016162273959 | | | |
| Y: | | 45.27650619032637 | | | |
| Path: | | 718\7189269.pdf | | | |

Bore Hole Information

| | | | |
|-------------------------------------|----------------------|-------------------------|--------------------------------|
| Bore Hole ID: | 1004175164 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437125.00 |
| Code OB Desc: | | North83: | 5013980.00 |
| Open Hole: | | Org CS: | UTM83 |
| Cluster Kind: | | UTMRC: | 4 |
| Date Completed: | 06/27/2012 | UTMRC Desc: | margin of error : 30 m - 100 m |
| Remarks: | | Location Method: | wwr |
| Location Method Desc: | on Water Well Record | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|------------|
| Formation ID: | 1004476270 |
| Layer: | 4 |
| Color: | 2 |
| General Color: | GREY |
| Material 1: | 15 |
| Material 1 Desc: | LIMESTONE |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 380.0 |
| Formation End Depth: | 500.0 |
| Formation End Depth UOM: | ft |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|------------|
| Formation ID: | 1004476269 |
| Layer: | 3 |
| Color: | 2 |
| General Color: | GREY |
| Material 1: | 15 |
| Material 1 Desc: | LIMESTONE |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 360.0 |
| Formation End Depth: | 380.0 |
| Formation End Depth UOM: | ft |

Overburden and Bedrock

Materials Interval

| | |
|----------------------|------------|
| Formation ID: | 1004476267 |
|----------------------|------------|

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Layer: | | 1 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 17 | | | |
| Material 1 Desc: | | SHALE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | 71 | | | |
| Material 3 Desc: | | FRACTURED | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 4.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 1004476268 | | | |
| Layer: | | 2 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 4.0 | | | |
| Formation End Depth: | | 360.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Annular Space/Abandonment</u> | | | | | |
| <u>Sealing Record</u> | | | | | |
| Plug ID: | | 1004476305 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 40.0 | | | |
| Plug To: | | 0.0 | | | |
| Plug Depth UOM: | | ft | | | |
| <u>Method of Construction & Well</u> | | | | | |
| <u>Use</u> | | | | | |
| Method Construction ID: | | 1004476304 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 1004476265 | | | |
| Casing No: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 1004476274 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | -2.0 | | | |
| Depth To: | | 40.0 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Casing Diameter: | | 6.25 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 1004476275 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | 40.0 | | | |
| Depth To: | | 500.0 | | | |
| Casing Diameter: | | 5.9375 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Screen</u> | | | | | |
| Screen ID: | | 1004476276 | | | |
| Layer: | | | | | |
| Slot: | | | | | |
| Screen Top Depth: | | | | | |
| Screen End Depth: | | | | | |
| Screen Material: | | | | | |
| Screen Depth UOM: | | ft | | | |
| Screen Diameter UOM: | | inch | | | |
| Screen Diameter: | | | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | | | | |
| Pump Test ID: | | 1004476266 | | | |
| Pump Set At: | | 300.0 | | | |
| Static Level: | | 14.0 | | | |
| Final Level After Pumping: | | 119.5 | | | |
| Recommended Pump Depth: | | 450.0 | | | |
| Pumping Rate: | | 3.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 3.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 0 | | | |
| Water State After Test: | | | | | |
| Pumping Test Method: | | 0 | | | |
| Pumping Duration HR: | | 11 | | | |
| Pumping Duration MIN: | | 30 | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476278 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 1 | | | |
| Test Level: | | 117.4000015258789 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476280 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 2 | | | |
| Test Level: | | 115.4000015258789 | | | |

| <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> |
|--|--------------------------|--------------------------------|----------------------|-------------|-----------|
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476284 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 4 | | | |
| Test Level: | | 112.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476288 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 10 | | | |
| Test Level: | | 91.80000305175781 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476299 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 50 | | | |
| Test Level: | | 105.0999984741211 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476281 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 3 | | | |
| Test Level: | | 19.100000381469727 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476286 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 5 | | | |
| Test Level: | | 108.80000305175781 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476287 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 10 | | | |
| Test Level: | | 43.20000076293945 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476289 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 50.70000076293945 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Pump Test Detail ID: | | 1004476290 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 80.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476296 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 56.70000076293945 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476297 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 40 | | | |
| Test Level: | | 95.69999694824219 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476302 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 37.400001525878906 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476277 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 1 | | | |
| Test Level: | | 13.19999809265137 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476282 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 3 | | | |
| Test Level: | | 114.30000305175781 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476283 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 4 | | | |
| Test Level: | | 24.600000381469727 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476295 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 30 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Test Level: | | | 77.19999694824219 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1004476300 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 50 | | |
| Test Level: | | | 43.29999923706055 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1004476294 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 25 | | |
| Test Level: | | | 65.5 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1004476298 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 40 | | |
| Test Level: | | | 51.900001525878906 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1004476285 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 5 | | |
| Test Level: | | | 28.100000381469727 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1004476292 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 20 | | |
| Test Level: | | | 74.30000305175781 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1004476293 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 25 | | |
| Test Level: | | | 68.4000015258789 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1004476301 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 60 | | |
| Test Level: | | | 119.5 | | |
| 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: | | 1004476279 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 2 | | | |
| Test Level: | | 16.700000762939453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004476291 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 20 | | | |
| Test Level: | | 59.900001525878906 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 1004476273 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 8 | | | |
| Kind: | | Untested | | | |
| Water Found Depth: | | 380.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Hole Diameter</u> | | | | | |
| Hole ID: | | 1004476272 | | | |
| Diameter: | | 5.9375 | | | |
| Depth From: | | 40.0 | | | |
| Depth To: | | 500.0 | | | |
| Hole Depth UOM: | | ft | | | |
| Hole Diameter UOM: | | inch | | | |
| <u>Hole Diameter</u> | | | | | |
| Hole ID: | | 1004476271 | | | |
| Diameter: | | 8.875 | | | |
| Depth From: | | 0.0 | | | |
| Depth To: | | 40.0 | | | |
| Hole Depth UOM: | | ft | | | |
| Hole Diameter UOM: | | inch | | | |

| | | | | | |
|----------------------------|-----------------|-----------------|---------------------|--|-----------------|
| <u>19</u> | 2 of 2 | SW/114.0 | 116.8 / 5.25 | 201 DIBBILE RD lot 22 con 4 NEPEAN ON | WWIS |
| Well ID: | 7321075 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | | | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | |
| Final Well Status: | Abandoned-Other | | | Date Received: | 10/29/2018 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | Yes |
| Audit No: | Z276701 | | | Contractor: | 1119 |
| Tag: | | | | Form Version: | 7 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 022 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|---|--------------------------|-------------------------|--------------------------------|
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | | | | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/732\7321075.pdf | | | |
| <u>Additional Detail(s) (Map)</u> | | | | | |
| Well Completed Date: | | 09/18/2018 | | | |
| Year Completed: | | 2018 | | | |
| Depth (m): | | | | | |
| Latitude: | | 45.2765061965862 | | | |
| Longitude: | | -75.8016163894274 | | | |
| X: | | -75.8016162273959 | | | |
| Y: | | 45.27650619032637 | | | |
| Path: | | 732\7321075.pdf | | | |
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: | | 1007303288 | | Elevation: | |
| DP2BR: | | | | Elevrc: | |
| Spatial Status: | | | | Zone: | 18 |
| Code OB: | | | | East83: | 437125.00 |
| Code OB Desc: | | | | North83: | 5013980.00 |
| Open Hole: | | | | Org CS: | UTM83 |
| Cluster Kind: | | | | UTMRC: | 6 |
| Date Completed: | | 09/18/2018 | | UTMRC Desc: | margin of error : 300 m - 1 km |
| Remarks: | | | | Location Method: | wwr |
| Location Method Desc: | | on Water Well Record | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 1007579461 | | | |
| Layer: | | | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | | | | |
| Material 1 Desc: | | | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | | | | |
| Formation End Depth: | | | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Annular Space/Abandonment</u> | | | | | |
| <u>Sealing Record</u> | | | | | |
| Plug ID: | | 1007579467 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 0.0 | | | |
| Plug To: | | 4.0 | | | |
| Plug Depth UOM: | | ft | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| Plug ID: | | 1007579468 | | | |
| Layer: | | 2 | | | |
| Plug From: | | 4.0 | | | |
| Plug To: | | 500.0 | | | |
| Plug Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 1007579466 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 1007579460 | | | |
| Casing No: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 1007579464 | | | |
| Layer: | | | | | |
| Material: | | | | | |
| Open Hole or Material: | | | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Screen</u> | | | | | |
| Screen ID: | | 1007579465 | | | |
| Layer: | | | | | |
| Slot: | | | | | |
| Screen Top Depth: | | | | | |
| Screen End Depth: | | | | | |
| Screen Material: | | | | | |
| Screen Depth UOM: | | ft | | | |
| Screen Diameter UOM: | | inch | | | |
| Screen Diameter: | | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 1007579463 | | | |
| Layer: | | | | | |
| Kind Code: | | | | | |
| Kind: | | | | | |
| Water Found Depth: | | | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Hole Diameter</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|-------------------------|---------------|--------------------------|------|
| Hole ID: 1007579462 Diameter: Depth From: Depth To: Hole Depth UOM: ft Hole Diameter UOM: inch | | | | | |
| 20 | 1 of 1 | NW/116.9 | 115.2 / 3.61 | Fallowfield Quarry ON | MNR |
| MDI No: MDI31G05SW00021 OGF ID: Deposit Status: Claim Map: Geological Dstrct: Southern Ontario Mining Division: Name: Fallowfield Quarry Primary Commodity: LIMESTONE (BUILDING STONE) Secondary Commodity: Latitude: 45.284984 Longitude: -75.802982 Class Sub Type: Source Map: Detail: https://www.geologyontario.mines.gov.on.ca/persistent-linking?mineral-inventory=MDI31G05SW00021 All Names: Fallowfield Quarry Access Description: 2.75 km NE of Fallowfield. | | | | | |
| Twp Area: Nepean Dep Class: Zone: Easting: Northing: Effective Dt/time: Date Last Modified: Geo Update Dt/time: Class Sub Type No: Status: Past Producing Mine Without Reserves or Resources | | | | | |
| 21 | 1 of 1 | SSE/133.3 | 109.8 / -1.73 | ON | BORE |
| Borehole ID: 848332 OGF ID: 215589962 Status: Decommissioned Type: Borehole Use: Geotechnical/Geological Investigation Completion Date: 15-MAY-1989 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 5.2 Depth Ref: Ground Surface Depth Elev: Drill Method: Hollow stem auger Orig Ground Elev m: 109 Elev Reliabil Note: DEM Ground Elev m: 109 Concession: CON 4 Location D: Survey D: Comments: | | | | | |
| Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: LOT 20 Township: NEPEAN Latitude DD: 45.271004 Longitude DD: -75.795445 UTM Zone: 18 Easting: 437603 Northing: 5013364 Location Accuracy: Accuracy: Within 10 metres | | | | | |
| Borehole Geology Stratum | | | | | |
| Geology Stratum ID: 6560681 Top Depth: 1.5 Bottom Depth: 2 Material Color: Material 1: Topsoil Material 2: Sand Material 3: Silt Material 4: | | | | | |
| Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------------|---------------------------------------|--|----------------------|----------------------------|------------------|
| Gsc Material Description: | | | | | |
| Stratum Description: | | SILTY SAND TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | |
| Geology Stratum ID: | 6560680 | | | Mat Consistency: | |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | 1.5 | | | Material Texture: | |
| Material Color: | Brown | | | Non Geo Mat Type: | |
| Material 1: | Fill | | | Geologic Formation: | |
| Material 2: | Sand | | | Geologic Group: | |
| Material 3: | Gravel | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | | SAND AND GRAVEL BROWN FILL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | |
| Geology Stratum ID: | 6560682 | | | Mat Consistency: | Loose |
| Top Depth: | 2 | | | Material Moisture: | |
| Bottom Depth: | 2.9 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Sand | | | Geologic Formation: | |
| Material 2: | Silt | | | Geologic Group: | |
| Material 3: | | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | | SILTY SAND LOOSE **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | |
| Geology Stratum ID: | 6560683 | | | Mat Consistency: | Dense |
| Top Depth: | 2.9 | | | Material Moisture: | |
| Bottom Depth: | 5.2 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Till | | | Geologic Formation: | |
| Material 2: | Silt - Sand - Gravel | | | Geologic Group: | |
| Material 3: | | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | glacial |
| Gsc Material Description: | | | | | |
| Stratum Description: | | HET MIXT OF SILT, SAND AND GRAVEL DENSE TO VERY DENSE GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | |
| 22 | 1 of 1 | SSE/141.3 | 109.9 / -1.62 | ON | BORE |
| Borehole ID: | 848550 | | | Inclin FLG: | No |
| OGF ID: | 215590171 | | | SP Status: | Initial Entry |
| Status: | Decommissioned | | | Surv Elev: | No |
| Type: | Borehole | | | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | | | Primary Name: | |
| Completion Date: | 30-AUG-1990 | | | Municipality: | |
| Static Water Level: | | | | Lot: | LOT 20 |
| Primary Water Use: | | | | Township: | NEPEAN |
| Sec. Water Use: | | | | Latitude DD: | 45.271007 |
| Total Depth m: | 5.2 | | | Longitude DD: | -75.795063 |
| Depth Ref: | Ground Surface | | | UTM Zone: | 18 |
| Depth Elev: | | | | Easting: | 437633 |
| Drill Method: | Hollow stem auger | | | Northing: | 5013364 |
| Orig Ground Elev m: | 107 | | | Location Accuracy: | |
| Elev Reliabil Note: | | | | Accuracy: | Within 10 metres |
| DEM Ground Elev m: | 107 | | | | |
| Concession: | CON 4 | | | | |
| Location D: | | | | | |
| Survey D: | | | | | |
| Comments: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--|-------------------------|---------------|----------------------------|------------|
| <u>Borehole Geology Stratum</u> | | | | | |
| Geology Stratum ID: | 6561353 | | | Mat Consistency: | Very Dense |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | 5.2 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Till | | | Geologic Formation: | |
| Material 2: | Silt - Sand - Gravel | | | Geologic Group: | |
| Material 3: | Clay | | | Geologic Period: | |
| Material 4: | Boulders | | | Depositional Gen: | glacial |
| Gsc Material Description: | | | | | |
| Stratum Description: | HET MIXT OF SILT SAND AND GRAVEL TRACE CLAY GLACIAL TILL VERY DENSE BOULDERS **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |

[23](#) 1 of 1 NW/141.5 116.2 / 4.61 ON BORE

| | | | |
|----------------------------|----------------|---------------------------|----------------|
| Borehole ID: | 610572 | Inclin FLG: | No |
| OGF ID: | 215512085 | SP Status: | Initial Entry |
| Status: | | Surv Elev: | No |
| Type: | Borehole | Piezometer: | No |
| Use: | | Primary Name: | |
| Completion Date: | | Municipality: | |
| Static Water Level: | 22.3 | Lot: | |
| Primary Water Use: | | Township: | |
| Sec. Water Use: | | Latitude DD: | 45.285697 |
| Total Depth m: | -999 | Longitude DD: | -75.802949 |
| Depth Ref: | Ground Surface | UTM Zone: | 18 |
| Depth Elev: | | Easting: | 437031 |
| Drill Method: | | Northing: | 5015002 |
| Orig Ground Elev m: | 111 | Location Accuracy: | |
| Elev Reliabil Note: | | Accuracy: | Not Applicable |
| DEM Ground Elev m: | 111 | | |
| Concession: | | | |
| Location D: | | | |
| Survey D: | | | |
| Comments: | | | |

Borehole Geology Stratum

| | | | |
|----------------------------------|---|----------------------------|--|
| Geology Stratum ID: | 218385909 | Mat Consistency: | |
| Top Depth: | 0 | Material Moisture: | |
| Bottom Depth: | 111 | Material Texture: | |
| Material Color: | | Non Geo Mat Type: | |
| Material 1: | Bedrock | Geologic Formation: | |
| Material 2: | Limestone | Geologic Group: | |
| Material 3: | | Geologic Period: | |
| Material 4: | | Depositional Gen: | |
| Gsc Material Description: | | | |
| Stratum Description: | BEDROCK,LIMESTONE. | | |
| Geology Stratum ID: | 218385910 | Mat Consistency: | |
| Top Depth: | 111 | Material Moisture: | |
| Bottom Depth: | | Material Texture: | |
| Material Color: | | Non Geo Mat Type: | |
| Material 1: | Bedrock | Geologic Formation: | |
| Material 2: | Sandstone | Geologic Group: | |
| Material 3: | | Geologic Period: | |
| Material 4: | | Depositional Gen: | |
| Gsc Material Description: | | | |
| Stratum Description: | BEDROCK,SANDSTONE. WATER STABLE AT 292.0 FEET.00. BEDROCK. SEISMIC VELOCITY = 14000. S **Note: Many records provided by the department have a truncated [Stratum Description] field. | | |

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

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: M
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 030800 NTS_Sheet: 31G05C
Confiden 1: Reliable information but incomplete.

Source Appl: Spatial/Tabular
Source Ident: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

[24](#)

1 of 1

WSW/142.6

118.8 / 7.25

201 DIBBIE RD lot 22 con 4
NEPEAN ON

WWIS

Well ID: 7315283
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z276931
Tag: A229118
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 07/27/2018
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1119
Form Version: 7
Owner:
County: OTTAWA-CARLETON
Lot: 022
Concession: 04
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Additional Detail(s) (Map)

Bore Hole ID: 1007220131
Depth M: 54.864
Year Completed: 2018
Well Completed Dt: 06/19/2018
Audit No: Z276931
Path:

Tag No: A229118
Contractor: 1119
Latitude: 45.2772189925531
Longitude: -75.8026591382466
Y: 45.277218985898074
X: -75.8026589769993

Bore Hole Information

Bore Hole ID: 1007220131
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:

Elevation:
Elevrc:
Zone: 18
East83: 437044.00
North83: 5014060.00
Org CS: UTM83
UTMRC: 4

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|----------------------|----------------------------|------------------|-------------------------|--------------------------------|
| Date Completed: | 06/19/2018 | | | UTMRC Desc: | margin of error : 30 m - 100 m |
| Remarks: | | | | Location Method: | wwr |
| Location Method Desc: | on Water Well Record | | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | 1007412267 | | | | |
| Layer: | 1 | | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | 14 | | | | |
| Material 1 Desc: | HARDPAN | | | | |
| Material 2: | 01 | | | | |
| Material 2 Desc: | FILL | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | 0.0 | | | | |
| Formation End Depth: | 6.0 | | | | |
| Formation End Depth UOM: | ft | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | 1007412268 | | | | |
| Layer: | 2 | | | | |
| Color: | 2 | | | | |
| General Color: | GREY | | | | |
| Material 1: | 15 | | | | |
| Material 1 Desc: | LIMESTONE | | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | 6.0 | | | | |
| Formation End Depth: | 180.0 | | | | |
| Formation End Depth UOM: | ft | | | | |
| <u>Annular Space/Abandonment</u> | | | | | |
| <u>Sealing Record</u> | | | | | |
| Plug ID: | 1007412305 | | | | |
| Layer: | 1 | | | | |
| Plug From: | 0.0 | | | | |
| Plug To: | 40.0 | | | | |
| Plug Depth UOM: | ft | | | | |
| <u>Method of Construction & Well</u> | | | | | |
| <u>Use</u> | | | | | |
| Method Construction ID: | 1007412304 | | | | |
| Method Construction Code: | 5 | | | | |
| Method Construction: | Air Percussion | | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Pipe ID: | | 1007412265 | | | |
| Casing No: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 1007412274 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | -2.0 | | | |
| Depth To: | | 40.0 | | | |
| Casing Diameter: | | 6.25 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 1007412275 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | 40.0 | | | |
| Depth To: | | 180.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Screen</u> | | | | | |
| Screen ID: | | 1007412276 | | | |
| Layer: | | | | | |
| Slot: | | | | | |
| Screen Top Depth: | | | | | |
| Screen End Depth: | | | | | |
| Screen Material: | | | | | |
| Screen Depth UOM: | | ft | | | |
| Screen Diameter UOM: | | inch | | | |
| Screen Diameter: | | | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | | | | |
| Pump Test ID: | | 1007412266 | | | |
| Pump Set At: | | 100.0 | | | |
| Static Level: | | 8.100000381469727 | | | |
| Final Level After Pumping: | | 27.75 | | | |
| Recommended Pump Depth: | | 100.0 | | | |
| Pumping Rate: | | 20.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 20.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 0 | | | |
| Water State After Test: | | | | | |
| Pumping Test Method: | | 0 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1007412280 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 2 | | | |
| Test Level: | | 8.100000381469727 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1007412282 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 3 | | | |
| Test Level: | | 8.100000381469727 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1007412286 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 5 | | | |
| Test Level: | | 8.100000381469727 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1007412291 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 20 | | | |
| Test Level: | | 26.5 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1007412293 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 27.299999237060547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1007412296 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 8.100000381469727 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1007412301 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 27.899999618530273 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1007412283 | | | |
| Test Type: | | Draw Down | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <i>Test Duration:</i> | | | 4 | | |
| <i>Test Level:</i> | | | 18.700000762939453 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1007412277 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 1 | | |
| <i>Test Level:</i> | | | 12.899999618530273 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1007412288 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 10 | | |
| <i>Test Level:</i> | | | 8.100000381469727 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1007412292 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 20 | | |
| <i>Test Level:</i> | | | 8.100000381469727 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1007412294 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 25 | | |
| <i>Test Level:</i> | | | 8.100000381469727 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1007412281 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 3 | | |
| <i>Test Level:</i> | | | 17.299999237060547 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1007412299 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 50 | | |
| <i>Test Level:</i> | | | 27.899999618530273 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1007412279 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 2 | | |
| <i>Test Level:</i> | | | 15.5 | | |
| <i>Test Level UOM:</i> | | | ft | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1007412295 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 30 | | |
| Test Level: | | | 27.799999237060547 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1007412284 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 4 | | |
| Test Level: | | | 8.100000381469727 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1007412289 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 15 | | |
| Test Level: | | | 25.799999237060547 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1007412297 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 40 | | |
| Test Level: | | | 27.899999618530273 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1007412278 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 1 | | |
| Test Level: | | | 16.200000762939453 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1007412290 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 15 | | |
| Test Level: | | | 8.100000381469727 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1007412300 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 50 | | |
| Test Level: | | | 8.100000381469727 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1007412285 | | |

| <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> |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Test Type: | | Draw Down | | | |
| Test Duration: | | 5 | | | |
| Test Level: | | 19.899999618530273 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1007412287 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 10 | | | |
| Test Level: | | 23.799999237060547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1007412298 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 40 | | | |
| Test Level: | | 8.100000381469727 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1007412302 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 8.100000381469727 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 1007412271 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 8 | | | |
| Kind: | | Untested | | | |
| Water Found Depth: | | 72.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 1007412273 | | | |
| Layer: | | 3 | | | |
| Kind Code: | | 8 | | | |
| Kind: | | Untested | | | |
| Water Found Depth: | | 173.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 1007412272 | | | |
| Layer: | | 2 | | | |
| Kind Code: | | 8 | | | |
| Kind: | | Untested | | | |
| Water Found Depth: | | 104.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Hole Diameter</u> | | | | | |
| Hole ID: | | 1007412269 | | | |
| Diameter: | | 9.75 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-----------------------------|-------------------|----------------------------|------------------|------|----|
| Depth From: | | 0.0 | | | |
| Depth To: | | 40.0 | | | |
| Hole Depth UOM: | | ft | | | |
| Hole Diameter UOM: | | inch | | | |
| <u>Hole Diameter</u> | | | | | |
| Hole ID: | | 1007412270 | | | |
| Diameter: | | 6.0 | | | |
| Depth From: | | 40.0 | | | |
| Depth To: | | 180.0 | | | |
| Hole Depth UOM: | | ft | | | |
| Hole Diameter UOM: | | inch | | | |

25 1 of 1 SSE/142.6 111.0 / -0.53 ON BORE

| | | | |
|----------------------------|---------------------------------------|---------------------------|------------------|
| Borehole ID: | 848330 | Inclin FLG: | No |
| OGF ID: | 215589960 | SP Status: | Initial Entry |
| Status: | Decommissioned | Surv Elev: | No |
| Type: | Borehole | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | Primary Name: | |
| Completion Date: | 15-MAY-1989 | Municipality: | |
| Static Water Level: | | Lot: | LOT 20 |
| Primary Water Use: | | Township: | NEPEAN |
| Sec. Water Use: | | Latitude DD: | 45.270911 |
| Total Depth m: | 2.3 | Longitude DD: | -75.795967 |
| Depth Ref: | Ground Surface | UTM Zone: | 18 |
| Depth Elev: | | Easting: | 437562 |
| Drill Method: | Hollow stem auger | Northing: | 5013354 |
| Orig Ground Elev m: | 111 | Location Accuracy: | |
| Elev Reliabil Note: | | Accuracy: | Within 10 metres |
| DEM Ground Elev m: | 110 | | |
| Concession: | CON 4 | | |
| Location D: | | | |
| Survey D: | | | |
| Comments: | | | |

Borehole Geology Stratum

| | | | |
|----------------------------------|--|----------------------------|--|
| Geology Stratum ID: | 6560673 | Mat Consistency: | |
| Top Depth: | 0 | Material Moisture: | |
| Bottom Depth: | 1.2 | Material Texture: | |
| Material Color: | Brown | Non Geo Mat Type: | |
| Material 1: | Fill | Geologic Formation: | |
| Material 2: | Sand | Geologic Group: | |
| Material 3: | Gravel | Geologic Period: | |
| Material 4: | | Depositional Gen: | |
| Gsc Material Description: | | | |
| Stratum Description: | SAND AND GRAVEL BROWN FILL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | |

| | | | |
|----------------------------------|---|----------------------------|------------|
| Geology Stratum ID: | 6560674 | Mat Consistency: | Very Dense |
| Top Depth: | 1.2 | Material Moisture: | |
| Bottom Depth: | 2.3 | Material Texture: | |
| Material Color: | | Non Geo Mat Type: | |
| Material 1: | Till | Geologic Formation: | |
| Material 2: | Silt - Sand - Gravel | Geologic Group: | |
| Material 3: | | Geologic Period: | |
| Material 4: | | Depositional Gen: | |
| Gsc Material Description: | | | |
| Stratum Description: | HET MIXT OF SILT, SAND AND GRAVEL VERY DENSE GALCIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|---|----------------------------|------------------|----------------------------|----------------------|
| 26 | 1 of 1 | SSE/146.7 | 109.8 / -1.73 | ON | BORE |
| Borehole ID: | 848333 | | | Inclin FLG: | No |
| OGF ID: | 215589963 | | | SP Status: | Initial Entry |
| Status: | Decommissioned | | | Surv Elev: | No |
| Type: | Borehole | | | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | | | Primary Name: | |
| Completion Date: | 12-MAY-1989 | | | Municipality: | |
| Static Water Level: | | | | Lot: | LOT 20 |
| Primary Water Use: | | | | Township: | NEPEAN |
| Sec. Water Use: | | | | Latitude DD: | 45.270888 |
| Total Depth m: | 8 | | | Longitude DD: | -75.795393 |
| Depth Ref: | Ground Surface | | | UTM Zone: | 18 |
| Depth Elev: | | | | Easting: | 437607 |
| Drill Method: | Hollow stem auger | | | Northing: | 5013351 |
| Orig Ground Elev m: | 109 | | | Location Accuracy: | |
| Elev Reliabil Note: | | | | Accuracy: | Within 10 metres |
| DEM Ground Elev m: | 109 | | | | |
| Concession: | | CON 4 | | | |
| Location D: | | | | | |
| Survey D: | | | | | |
| Comments: | | | | | |
| <u>Borehole Geology Stratum</u> | | | | | |
| Geology Stratum ID: | 6560684 | | | Mat Consistency: | |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | 1.4 | | | Material Texture: | |
| Material Color: | Brown | | | Non Geo Mat Type: | |
| Material 1: | Fill | | | Geologic Formation: | |
| Material 2: | Sand | | | Geologic Group: | |
| Material 3: | Gravel | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | SAND AND GRAVEL BROWN FILL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6560685 | | | Mat Consistency: | |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | 2.1 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Topsoil | | | Geologic Formation: | |
| Material 2: | sand silt | | | Geologic Group: | |
| Material 3: | Gravel | | | Geologic Period: | |
| Material 4: | Organic | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | SILTY SAND WITH GRAVEL TRACE ORGANICS TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6560688 | | | Mat Consistency: | |
| Top Depth: | 6.5 | | | Material Moisture: | |
| Bottom Depth: | 8 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Bedrock | | | Geologic Formation: | |
| Material 2: | Limestone | | | Geologic Group: | |
| Material 3: | Shale | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | LIMESTONE BEDROCK WITH INTERBEDDED SHALE LAYERS SOUND **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6560686 | | | Mat Consistency: | Compact |
| Top Depth: | 2.1 | | | Material Moisture: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------------|--|----------------------------|------------------|----------------------------|---------|
| Bottom Depth: | 4.4 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Till | | | Geologic Formation: | |
| Material 2: | Silt - Sand - Gravel | | | Geologic Group: | |
| Material 3: | | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | glacial |
| Gsc Material Description: | | | | | |
| Stratum Description: | HET MIXT OF SILT, SAND AND GRAVEL COMPACT TO VERY DENSE GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6560687 | | | Mat Consistency: | |
| Top Depth: | 4.4 | | | Material Moisture: | |
| Bottom Depth: | 6.5 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Till | | | Geologic Formation: | |
| Material 2: | Boulders | | | Geologic Group: | |
| Material 3: | Sand | | | Geologic Period: | |
| Material 4: | Gravel | | | Depositional Gen: | glacial |
| Gsc Material Description: | | | | | |
| Stratum Description: | BOULDERS WITH SAND AND GRAVEL GLACIAL TILL SAND SEAM **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |

| | | | | | |
|--|---|----------|--------------|----------------------------|---------------|
| 27 | 1 of 1 | NW/148.0 | 116.2 / 4.61 | FALLOWFIELD QUARRY | AMIS |
| | | | | NEPEAN ON | |
| Site Access Code: | | | | Prog Rehab Plan: | UNK |
| AMIS Distr Code: | | | | Revegetation: | |
| Abandoned Mine ID: | 07083 | | | Veg Condition: | |
| Old MDI ID: | SO4021 | | | Veg Descr: | |
| New MDI ID: | MDI31G05SW00021 | | | Chemical Doc: | |
| Mine Status: | ABANDONED | | | Jurisdiction: | A.R.A. |
| Mine Plan/Section: | UNK | | | Lot No: | 24 |
| Site Class: | C | | | Concession: | 4 |
| Clos Reason Code: | | | | Zone: | 18 |
| Closure Plan: | UNK | | | Northing: | 5014782 |
| Prim Commod Code: | | | | Easting: | 436961 |
| Primary Commodity: | LIMESTONE (BUILDING STONES) | | | Mine Closure Reaso: | UNKNOWN |
| Operational Access: | NOT AVAILABLE | | | AMIS District: | TWEED |
| Date Entered: | | | | District Desc: | TWEED |
| Date Last Modified: | 11/19/2021 12:00:00 AM | | | Animal Desc: | |
| Effective Date: | | | | Status Type Code: | |
| Start Year: | | | | Long Name: | 1018435050100 |
| End Year: | | | | NTS No: | 031G05 |
| Evid of Site Conta: | | | | Latitude: | 45.28538 |
| Evid of Sulphide: | | | | Longitude: | -75.8032 |
| Evid Animals Pres: | | | | | |
| Hyper Link: | | | | | |
| Mine Features Desc: | | | | | |
| Progressive Rehabilitation Sta: | NOT REHABILITATED | | | | |
| AMIS Bkgrd Info: | PAST PRODUCER; QUARRY NOT LICENCED (JUNE'92); DESIGNATED TWP. AGGREGATE RESOURCES ACT.; LOCATED AT POINT 2.75KM NE. OF FALLOWFIELD ON MAP DEMR 1987, NTS 31G05 OTTAWA.; COMMODITY: LIMESTONE; | | | | |
| Alternate Name: | FALLOWFIELD QUARRY | | | | |

| | | | | | |
|----------------------------|-----------------------|-----------|---------------|---|-------------|
| 28 | 1 of 1 | SSE/149.3 | 111.0 / -0.53 | Hwy 416 and Fallowfield Road, Ottawa OTTAWA ON | SPL |
| Ref No: | 1-1KOL37 | | | Municipality No: | |
| Year: | | | | Nature of Damage: | |
| Incident Dt: | 1/28/2022 9:03:00 AM | | | Discharger Report: | |
| Dt MOE Arvl on Scn: | | | | Material Group: | |
| MOE Reported Dt: | 1/28/2022 9:40:57 AM | | | Health/Env Conseq: | 0 No Impact |
| Dt Document Closed: | 1/31/2022 10:20:05 AM | | | Agency Involved: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|------|
| | | | | | |
| Site No: MOE Response: Desktop Response Site County/District: Site Geo Ref Meth: Site District Office: Ottawa District Office Nearest Watercourse: Site Name: Site Address: Hwy 416 and Fallowfield Road, Ottawa Site Region: Site Municipality: OTTAWA Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Rollover Environment Impact: 1 Minor Impact Nature of Impact: Contaminant Qty: 30 litre (L) System Facility Address: Client Name: Client Type: Source Type: Truck - Tanker Contaminant Code: Contaminant Name: DIESEL FUEL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Land Incident Reason: Unknown Incident Summary: McEwen Fuels: Diesel tanker rollover on Hwy 416, 30L diesel spill Activity Preceding Spill: Transportation Property 2nd Watershed: Lower Ottawa;Central Ottawa Property Tertiary Watershed: 02LA-Rideau;02KF-Central Ottawa - Mississippi Sector Type: PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS SAC Action Class: Call Report Locatn Geodata: {"integration_ids":["PR00004341230"],"wks":["POINT (-75.8054041753 45.2863490993)"],"creation_date":"2022-01-28"} | | | | | |
| 29 | 1 of 1 | E/150.8 | 109.9 / -1.69 | ON | BORE |
| Borehole ID: 610550 OGF ID: 215512063 Status: Type: Borehole Use: Completion Date: Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: -999 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 106 Elev Reliabil Note: DEM Ground Elev m: 108 Concession: Location D: Survey D: Comments: | | | | | |
| Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 45.279646 Longitude DD: -75.792918 UTM Zone: 18 Easting: 437811 Northing: 5014322 Location Accuracy: Accuracy: Not Applicable | | | | | |

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

Borehole Geology Stratum

| | | | |
|----------------------------------|---|----------------------------|--|
| Geology Stratum ID: | 218385864 | Mat Consistency: | |
| Top Depth: | 0 | Material Moisture: | |
| Bottom Depth: | 7 | Material Texture: | |
| Material Color: | | Non Geo Mat Type: | |
| Material 1: | Clay | Geologic Formation: | |
| Material 2: | | Geologic Group: | |
| Material 3: | | Geologic Period: | |
| Material 4: | | Depositional Gen: | |
| Gsc Material Description: | | | |
| Stratum Description: | CLAY. | | |
| Geology Stratum ID: | 218385865 | Mat Consistency: | |
| Top Depth: | 7 | Material Moisture: | |
| Bottom Depth: | | 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. 00123STONE,SAND. 00064ISMIC VELOCITY = 4750. BEDROCK. SEISMIC VELOCITY = **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 Ident: | 1 |
| Source Date: | 1956-1972 | Scale or Res: | Varies |
| Confidence: | M | Horizontal: | NAD27 |
| Observatio: | | Verticalda: | Mean Average Sea Level |
| Source Name: | Urban Geology Automated Information System (UGAIS) | | |
| Source Details: | File: OTTAWA1.txt RecordID: 030580 NTS_Sheet: 31G05C | | |
| Confiden 1: | Reliable information but incomplete. | | |

Source List

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

30 1 of 1 **SSE/150.8** **110.0 / -1.61** **ON** **BORE**

| | | | |
|----------------------------|---------------------------------------|----------------------|---------------|
| Borehole ID: | 848335 | Inclin FLG: | No |
| OGF ID: | 215589965 | SP Status: | Initial Entry |
| Status: | Decommissioned | Surv Elev: | No |
| Type: | Borehole | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | Primary Name: | |
| Completion Date: | 12-MAY-1989 | Municipality: | |
| Static Water Level: | | Lot: | LOT 20 |
| Primary Water Use: | | Township: | NEPEAN |
| Sec. Water Use: | | Latitude DD: | 45.271009 |
| Total Depth m: | 4.6 | Longitude DD: | -75.794782 |
| Depth Ref: | Ground Surface | UTM Zone: | 18 |
| Depth Elev: | | Easting: | 437655 |
| Drill Method: | Hollow stem auger | Northing: | 5013364 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|---|--|---------------------|---|---------------------------------------|
| Orig Ground Elev m: Elev Reliabil Note: DEM Ground Elev m: Concession: Location D: Survey D: Comments: | 107 | CON 4 | | Location Accuracy: Accuracy: | Within 10 metres |
| <u>Borehole Geology Stratum</u> | | | | | |
| Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: | 6560693 1.6 2.1 Topsoil Sand Silt | | | Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | |
| | | SILTY SAND TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | |
| Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: | 6560694 2.1 2.9 Silt Clay Sand | | | Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | |
| | | CLAYEY SILT WITH SAND **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | |
| Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: | 6560695 2.9 4.6 Till Silt - Sand - Gravel | | | Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | Very Dense glacial |
| | | HET MIXT OF SILT, SAND AND GRAVEL VERY DENSE SILTY SAND GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | |
| Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: | 6560692 0 1.6 Brown Fill Sand Gravel | | | Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | |
| | | SAND AND GRAVEL BROWN FILL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | |
| 31 | 1 of 1 | SSE/151.1 | 112.2 / 0.61 | PRIVATE OWNER HWY 16 NEAR FALLOWFIELD STREET TRANSPORT TRUCK (CARGO) NEPEAN CITY ON | SPL |
| Ref No: | 117316 | | | Municipality No: | 20104 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------------|-------------------|--|---------------|---------------------------|-----------------|
| | | | | | |
| Year: | | | | Nature of Damage: | |
| Incident Dt: | 8/17/1995 | | | Discharger Report: | |
| Dt MOE Arvl on Scn: | | | | Material Group: | |
| MOE Reported Dt: | 8/17/1995 | | | Health/Env Conseq: | |
| Dt Document Closed: | | | | Agency Involved: | FD, WORKS, MOEE |
| Site No: | | | | | |
| MOE Response: | | | | | |
| Site County/District: | | | | | |
| Site Geo Ref Meth: | | | | | |
| Site District Office: | | | | | |
| Nearest Watercourse: | | | | | |
| Site Name: | | | | | |
| Site Address: | | | | | |
| Site Region: | | | | | |
| Site Municipality: | | NEPEAN CITY | | | |
| Site Lot: | | | | | |
| Site Conc: | | | | | |
| Site Geo Ref Accu: | | | | | |
| Site Map Datum: | | | | | |
| Northing: | | | | | |
| Easting: | | | | | |
| Incident Cause: | | OTHER TRANSPORTATION ACCIDENT | | | |
| Incident Event: | | | | | |
| Environment Impact: | | POSSIBLE | | | |
| Nature of Impact: | | | | | |
| Contaminant Qty: | | | | | |
| System Facility Address: | | | | | |
| Client Name: | | | | | |
| Client Type: | | | | | |
| Source Type: | | | | | |
| Contaminant Code: | | | | | |
| Contaminant Name: | | | | | |
| Contaminant Limit 1: | | | | | |
| Contam Limit Freq 1: | | | | | |
| Contaminant UN No 1: | | | | | |
| Receiving Medium: | | LAND | | | |
| Incident Reason: | | ERROR | | | |
| Incident Summary: | | GARBAGE TRUCK INVOLVED IN A MVA, DIESEL FUEL & CRANKCASE OIL TO C/B. | | | |
| Activity Preceding Spill: | | | | | |
| Property 2nd Watershed: | | | | | |
| Property Tertiary Watershed: | | | | | |
| Sector Type: | | | | | |
| SAC Action Class: | | | | | |
| Call Report Locatn Geodata: | | | | | |

32 1 of 1 SSE/152.6 111.1 / -0.51 ON BORE

| | | | |
|----------------------------|---------------------------------------|---------------------------|------------------|
| Borehole ID: | 848331 | Inclin FLG: | No |
| OGF ID: | 215589961 | SP Status: | Initial Entry |
| Status: | Decommissioned | Surv Elev: | No |
| Type: | Borehole | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | Primary Name: | |
| Completion Date: | 12-MAY-1989 | Municipality: | |
| Static Water Level: | | Lot: | LOT 20 |
| Primary Water Use: | | Township: | NEPEAN |
| Sec. Water Use: | | Latitude DD: | 45.270813 |
| Total Depth m: | 8 | Longitude DD: | -75.795825 |
| Depth Ref: | Ground Surface | UTM Zone: | 18 |
| Depth Elev: | | Easting: | 437573 |
| Drill Method: | Hollow stem auger | Northing: | 5013343 |
| Orig Ground Elev m: | 111 | Location Accuracy: | |
| Elev Reliabil Note: | | Accuracy: | Within 10 metres |
| DEM Ground Elev m: | 110 | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--|----------------------------|------------------|----------------------------|---------|
| Concession: | | CON 4 | | | |
| Location D: | | | | | |
| Survey D: | | | | | |
| Comments: | | | | | |
| <u>Borehole Geology Stratum</u> | | | | | |
| Geology Stratum ID: | 6560679 | | | Mat Consistency: | |
| Top Depth: | 5 | | | Material Moisture: | |
| Bottom Depth: | 8 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Bedrock | | | Geologic Formation: | |
| Material 2: | Limestone | | | Geologic Group: | |
| Material 3: | Shale | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | LIMESTONE BEDROCK WITH INTERBEDDED SHALE LAYERS FRAGMENTED SOUND **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6560676 | | | Mat Consistency: | |
| Top Depth: | 1.1 | | | Material Moisture: | |
| Bottom Depth: | 1.5 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Topsoil | | | Geologic Formation: | |
| Material 2: | Sand | | | Geologic Group: | |
| Material 3: | Silt | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | SILTY SAND TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6560677 | | | Mat Consistency: | Compact |
| Top Depth: | 1.5 | | | Material Moisture: | |
| Bottom Depth: | 2.6 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Till | | | Geologic Formation: | |
| Material 2: | Silt | | | Geologic Group: | |
| Material 3: | Sand | | | Geologic Period: | |
| Material 4: | Gravel | | | Depositional Gen: | glacial |
| Gsc Material Description: | | | | | |
| Stratum Description: | HET MIXT OF SILT, SAND AND GRAVEL COMPACT TO VERY DENSE GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6560678 | | | Mat Consistency: | |
| Top Depth: | 2.6 | | | Material Moisture: | |
| Bottom Depth: | 5 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Till | | | Geologic Formation: | |
| Material 2: | Boulders | | | Geologic Group: | |
| Material 3: | Sand | | | Geologic Period: | |
| Material 4: | Gravel | | | Depositional Gen: | glacial |
| Gsc Material Description: | | | | | |
| Stratum Description: | BOULDERS WITH SAND AND GRAVEL GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6560675 | | | Mat Consistency: | |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | 1.1 | | | Material Texture: | |
| Material Color: | Brown | | | Non Geo Mat Type: | |
| Material 1: | Fill | | | Geologic Formation: | |
| Material 2: | Sand | | | Geologic Group: | |
| Material 3: | Gravel | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | SAND AND GRAVEL BROWN FILL **Note: Many records provided by the department have a truncated [Stratum | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--|----------------------------|------------------|----------------------------|------------------|
| Description] field. | | | | | |
| 33 | 1 of 1 | SSE/153.2 | 109.8 / -1.73 | ON | BORE |
| Borehole ID: | 848549 | | | Inclin FLG: | No |
| OGF ID: | 215590170 | | | SP Status: | Initial Entry |
| Status: | Decommissioned | | | Surv Elev: | No |
| Type: | Borehole | | | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | | | Primary Name: | |
| Completion Date: | 30-AUG-1990 | | | Municipality: | |
| Static Water Level: | | | | Lot: | LOT 20 |
| Primary Water Use: | | | | Township: | NEPEAN |
| Sec. Water Use: | | | | Latitude DD: | 45.270834 |
| Total Depth m: | 6.8 | | | Longitude DD: | -75.795354 |
| Depth Ref: | Ground Surface | | | UTM Zone: | 18 |
| Depth Elev: | | | | Easting: | 437610 |
| Drill Method: | Hollow stem auger | | | Northing: | 5013345 |
| Orig Ground Elev m: | 106 | | | Location Accuracy: | |
| Elev Reliabil Note: | | | | Accuracy: | Within 10 metres |
| DEM Ground Elev m: | 109 | | | | |
| Concession: | CON 4 | | | | |
| Location D: | | | | | |
| Survey D: | | | | | |
| Comments: | | | | | |
| <u>Borehole Geology Stratum</u> | | | | | |
| Geology Stratum ID: | 6561352 | | | Mat Consistency: | Very Dense |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | 6.8 | | | Material Texture: | |
| Material Color: | Brown-Grey | | | Non Geo Mat Type: | |
| Material 1: | Till | | | Geologic Formation: | |
| Material 2: | Silt - Sand - Gravel | | | Geologic Group: | |
| Material 3: | Clay | | | Geologic Period: | |
| Material 4: | Boulders | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | HET MIXT OF SILT SAND AND GRAVEL TRACE CLAY CLACIAL TILL VERY DENSE BROWN GREY BROWN GRAVEL BOULDERS **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| 34 | 1 of 1 | SSE/154.4 | 113.0 / 1.48 | ON | BORE |
| Borehole ID: | 848547 | | | Inclin FLG: | No |
| OGF ID: | 215590168 | | | SP Status: | Initial Entry |
| Status: | Decommissioned | | | Surv Elev: | No |
| Type: | Borehole | | | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | | | Primary Name: | |
| Completion Date: | 30-AUG-1990 | | | Municipality: | |
| Static Water Level: | | | | Lot: | LOT 20 |
| Primary Water Use: | | | | Township: | NEPEAN |
| Sec. Water Use: | | | | Latitude DD: | 45.270881 |
| Total Depth m: | 7.6 | | | Longitude DD: | -75.796425 |
| Depth Ref: | Ground Surface | | | UTM Zone: | 18 |
| Depth Elev: | | | | Easting: | 437526 |
| Drill Method: | Hollow stem auger | | | Northing: | 5013351 |
| Orig Ground Elev m: | 110 | | | Location Accuracy: | |
| Elev Reliabil Note: | | | | Accuracy: | Within 10 metres |
| DEM Ground Elev m: | 111 | | | | |
| Concession: | CON 4 | | | | |
| Location D: | | | | | |
| Survey D: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--|-------------------------|---------------|----------------------------|------------|
| Comments: | | | | | |
| <u>Borehole Geology Stratum</u> | | | | | |
| Geology Stratum ID: | 6561350 | | | Mat Consistency: | |
| Top Depth: | 6 | | | Material Moisture: | |
| Bottom Depth: | 7.6 | | | 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: | DOLOSTONE BEDROCK UNWEATHERED TO SLIGHTLY UNWEATHERED **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6561349 | | | Mat Consistency: | Very Dense |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | 6 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Till | | | Geologic Formation: | |
| Material 2: | Silt - Sand - Gravel | | | Geologic Group: | |
| Material 3: | Clay | | | Geologic Period: | |
| Material 4: | Boulders | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | HET MIXT OF SILT SAND AND GRAVEL TRACE OF CLAY GLACIAL TILL VERY DENSE GRAVEL BOULDERS **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |

35 1 of 1 **SSE/156.5** 111.1 / -0.51 **ON** **BORE**

| | | | |
|----------------------------|---------------------------------------|---------------------------|------------------|
| Borehole ID: | 848548 | Inclin FLG: | No |
| OGF ID: | 215590169 | SP Status: | Initial Entry |
| Status: | Decommissioned | Surv Elev: | No |
| Type: | Borehole | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | Primary Name: | |
| Completion Date: | 30-AUG-1990 | Municipality: | |
| Static Water Level: | | Lot: | LOT 20 |
| Primary Water Use: | | Township: | NEPEAN |
| Sec. Water Use: | | Latitude DD: | 45.270777 |
| Total Depth m: | 7.6 | Longitude DD: | -75.795799 |
| Depth Ref: | Ground Surface | UTM Zone: | 18 |
| Depth Elev: | | Easting: | 437575 |
| Drill Method: | Hollow stem auger | Northing: | 5013339 |
| Orig Ground Elev m: | 109 | Location Accuracy: | |
| Elev Reliabil Note: | | Accuracy: | Within 10 metres |
| DEM Ground Elev m: | 110 | | |
| Concession: | CON 4 | | |
| Location D: | | | |
| Survey D: | | | |
| Comments: | | | |

Borehole Geology Stratum

| | | | |
|----------------------------------|----------------------|----------------------------|------------|
| Geology Stratum ID: | 6561351 | Mat Consistency: | Very Dense |
| Top Depth: | 0 | Material Moisture: | |
| Bottom Depth: | 7.6 | Material Texture: | |
| Material Color: | Grey-Brown | Non Geo Mat Type: | |
| Material 1: | Till | Geologic Formation: | |
| Material 2: | Silt - Sand - Gravel | Geologic Group: | |
| Material 3: | Clay | Geologic Period: | |
| Material 4: | Boulders | Depositional Gen: | |
| Gsc Material Description: | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-----------------------------|-------------------|--|------------------|------|----|
| Stratum Description: | | HET MIXT OF SILT SAND AND GRAVEL TRACE CLAY CLACIAL TILL VERY DENSE BROWN GREY BROWN GRAVEL BOULDERS **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | |

36 1 of 1 SSE/156.9 112.2 / 0.61 ON **BORE**

| | | | |
|----------------------------|---------------------------------------|---------------------------|------------------|
| Borehole ID: | 848328 | Inclin FLG: | No |
| OGF ID: | 215589958 | SP Status: | Initial Entry |
| Status: | Decommissioned | Surv Elev: | No |
| Type: | Borehole | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | Primary Name: | |
| Completion Date: | 15-MAY-1989 | Municipality: | |
| Static Water Level: | | Lot: | LOT 20 |
| Primary Water Use: | | Township: | NEPEAN |
| Sec. Water Use: | | Latitude DD: | 45.270845 |
| Total Depth m: | 7.1 | Longitude DD: | -75.796374 |
| Depth Ref: | Ground Surface | UTM Zone: | 18 |
| Depth Elev: | | Easting: | 437530 |
| Drill Method: | Hollow stem auger | Northing: | 5013347 |
| Orig Ground Elev m: | 112 | Location Accuracy: | |
| Elev Reliabil Note: | | Accuracy: | Within 10 metres |
| DEM Ground Elev m: | 111 | | |
| Concession: | CON 4 | | |
| Location D: | | | |
| Survey D: | | | |
| Comments: | | | |

Borehole Geology Stratum

| | | | |
|----------------------------------|--|----------------------------|---------|
| Geology Stratum ID: | 6560668 | Mat Consistency: | |
| Top Depth: | 4 | Material Moisture: | |
| Bottom Depth: | 5.2 | Material Texture: | |
| Material Color: | | Non Geo Mat Type: | |
| Material 1: | Till | Geologic Formation: | |
| Material 2: | Boulders | Geologic Group: | |
| Material 3: | Sand | Geologic Period: | |
| Material 4: | Gravel | Depositional Gen: | glacial |
| Gsc Material Description: | | | |
| Stratum Description: | BOULDERS WITH SAND AND GRAVEL GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | |

| | | | |
|----------------------------------|---|----------------------------|--|
| Geology Stratum ID: | 6560669 | Mat Consistency: | |
| Top Depth: | 5.2 | Material Moisture: | |
| Bottom Depth: | 7.1 | Material Texture: | |
| Material Color: | | Non Geo Mat Type: | |
| Material 1: | Bedrock | Geologic Formation: | |
| Material 2: | Limestone | Geologic Group: | |
| Material 3: | Shale | Geologic Period: | |
| Material 4: | | Depositional Gen: | |
| Gsc Material Description: | | | |
| Stratum Description: | LIMESTONE BEDROCK WITH INTERBEDDED SHALE LAYERS SOUND **Note: Many records provided by the department have a truncated [Stratum Description] field. | | |

| | | | |
|----------------------------------|--|----------------------------|--|
| Geology Stratum ID: | 6560665 | Mat Consistency: | |
| Top Depth: | 0 | Material Moisture: | |
| Bottom Depth: | 1.2 | Material Texture: | |
| Material Color: | Brown | Non Geo Mat Type: | |
| Material 1: | Fill | Geologic Formation: | |
| Material 2: | Sand | Geologic Group: | |
| Material 3: | Gravel | Geologic Period: | |
| Material 4: | | Depositional Gen: | |
| Gsc Material Description: | | | |
| Stratum Description: | SAND AND GRAVEL BROWN FILL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------------|--|----------------------------|------------------|----------------------------|---------|
| Description] field. | | | | | |
| Geology Stratum ID: | 6560667 | | | Mat Consistency: | Compact |
| Top Depth: | 2 | | | Material Moisture: | |
| Bottom Depth: | 4 | | | Material Texture: | |
| Material Color: | Brown | | | Non Geo Mat Type: | |
| Material 1: | Silt | | | Geologic Formation: | |
| Material 2: | Sand | | | Geologic Group: | |
| Material 3: | Gravel | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | HET MIXT OF SILT SAND AND GRAVEL BROWN COMPACT TO VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6560666 | | | Mat Consistency: | |
| Top Depth: | 1.2 | | | Material Moisture: | |
| Bottom Depth: | 2 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Topsoil | | | Geologic Formation: | |
| Material 2: | Organic | | | Geologic Group: | |
| Material 3: | Clay | | | Geologic Period: | |
| Material 4: | Silt | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | ORGANIC SILTY CLAY TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |

| | | | | | |
|-----------------------------------|---|------------------|---------------------|----------------------------|-----------------|
| 37 | 1 of 1 | WNW/159.2 | 117.1 / 5.57 | lot 24 con 4 ON | WWIS |
| Well ID: | 1506105 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Industrial | | | Data Entry Status: | |
| Use 2nd: | 0 | | | Data Src: | 1 |
| Final Well Status: | Water Supply | | | Date Received: | 02/14/1968 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | | | | Contractor: | 1802 |
| Tag: | | | | Form Version: | 1 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 024 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | | | |
| Site Info: | | | | | |
| PDF URL (Map): | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506105.pdf | | | | |
| Additional Detail(s) (Map) | | | | | |
| Well Completed Date: | 01/06/1966 | | | | |
| Year Completed: | 1966 | | | | |
| Depth (m): | 21.336 | | | | |
| Latitude: | 45.2832554366769 | | | | |
| Longitude: | -75.8044439533989 | | | | |
| X: | -75.80444379182343 | | | | |
| Y: | 45.283255430390305 | | | | |
| Path: | 150\1506105.pdf | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|--|--------------------------|-------------------------|---------------------------------|
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: | 10028148 | | | Elevation: | |
| DP2BR: | | | | Elevrc: | |
| Spatial Status: | | | | Zone: | 18 |
| Code OB: | | | | East83: | 436910.70 |
| Code OB Desc: | | | | North83: | 5014732.00 |
| Open Hole: | | | | Org CS: | |
| Cluster Kind: | | | | UTMRC: | 5 |
| Date Completed: | 01/06/1966 | | | UTMRC Desc: | margin of error : 100 m - 300 m |
| Remarks: | | | | Location Method: | p5 |
| Location Method Desc: | | Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | 931003800 | | | | |
| Layer: | 1 | | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | 01 | | | | |
| Material 1 Desc: | FILL | | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | 0.0 | | | | |
| Formation End Depth: | 10.0 | | | | |
| Formation End Depth UOM: | ft | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | 931003801 | | | | |
| Layer: | 2 | | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | 15 | | | | |
| Material 1 Desc: | LIMESTONE | | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | 10.0 | | | | |
| Formation End Depth: | 70.0 | | | | |
| Formation End Depth UOM: | ft | | | | |
| <u>Method of Construction & Well</u> | | | | | |
| <u>Use</u> | | | | | |
| Method Construction ID: | 961506105 | | | | |
| Method Construction Code: | 7 | | | | |
| Method Construction: | Diamond | | | | |
| Other Method Construction: | | | | | |

Pipe Information

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|----------------------------|------------------|------|----|
| Pipe ID: | | 10576718 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049044 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 70.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049043 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 13.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991506105 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 20.0 | | | |
| Final Level After Pumping: | | 50.0 | | | |
| Recommended Pump Depth: | | 65.0 | | | |
| Pumping Rate: | | 8.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 1.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 1 | | | |
| Water State After Test: | | CLEAR | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 2 | | | |
| Pumping Duration MIN: | | 0 | | | |
| Flowing: | | No | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933460188 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 20.0 | | | |
| Water Found Depth UOM: | | ft | | | |

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1 of 1

SSE/170.3

112.9 / 1.34

ON

BORE

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------|---------------------------------------|-------------------------|---------------|---------------------------|------------------|
| Borehole ID: | 848329 | | | Inclin FLG: | No |
| OGF ID: | 215589959 | | | SP Status: | Initial Entry |
| Status: | Decommissioned | | | Surv Elev: | No |
| Type: | Borehole | | | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | | | Primary Name: | |
| Completion Date: | 16-MAY-1989 | | | Municipality: | |
| Static Water Level: | | | | Lot: | LOT 20 |
| Primary Water Use: | | | | Township: | NEPEAN |
| Sec. Water Use: | | | | Latitude DD: | 45.27071 |
| Total Depth m: | 3.2 | | | Longitude DD: | -75.796334 |
| Depth Ref: | Ground Surface | | | UTM Zone: | 18 |
| Depth Elev: | | | | Easting: | 437533 |
| Drill Method: | Hollow stem auger | | | Northing: | 5013332 |
| Orig Ground Elev m: | 112 | | | Location Accuracy: | |
| Elev Reliabil Note: | | | | Accuracy: | Within 10 metres |
| DEM Ground Elev m: | 111 | | | | |
| Concession: | | CON 4 | | | |
| Location D: | | | | | |
| Survey D: | | | | | |
| Comments: | | | | | |

Borehole Geology Stratum

| | | | | | |
|----------------------------------|--|--|--|----------------------------|------------|
| Geology Stratum ID: | 6560670 | | | Mat Consistency: | |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | 1.4 | | | Material Texture: | |
| Material Color: | Brown | | | Non Geo Mat Type: | |
| Material 1: | Fill | | | Geologic Formation: | |
| Material 2: | Sand | | | Geologic Group: | |
| Material 3: | Gravel | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | SAND AND GRAVEL BROWN FILL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6560671 | | | Mat Consistency: | |
| Top Depth: | 1.4 | | | Material Moisture: | |
| Bottom Depth: | 2.1 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Topsoil | | | Geologic Formation: | |
| Material 2: | Sand | | | Geologic Group: | |
| Material 3: | Silt | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | SILTY SAND TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6560672 | | | Mat Consistency: | Very Dense |
| Top Depth: | 2.1 | | | Material Moisture: | |
| Bottom Depth: | 3.2 | | | Material Texture: | |
| Material Color: | Brown | | | Non Geo Mat Type: | |
| Material 1: | Till | | | Geologic Formation: | |
| Material 2: | Silt - Sand - Gravel | | | Geologic Group: | |
| Material 3: | | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | glacial |
| Gsc Material Description: | | | | | |
| Stratum Description: | HET MIXT OF SILT SAND AND GRAVEL BROWN VERY DENSE GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |

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1 of 1

SSE/170.4

113.7 / 2.14

ON

BORE

| | | | | | |
|---------------------|-----------|--|--|--------------------|---------------|
| Borehole ID: | 848334 | | | Inclin FLG: | No |
| OGF ID: | 215589964 | | | SP Status: | Initial Entry |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------|---------------------------------------|-------------------------|---------------|---------------------------|------------------|
| Status: | Decommissioned | | | Surv Elev: | No |
| Type: | Borehole | | | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | | | Primary Name: | |
| Completion Date: | 16-MAY-1989 | | | Municipality: | |
| Static Water Level: | | | | Lot: | LOT 20 |
| Primary Water Use: | | | | Township: | NEPEAN |
| Sec. Water Use: | | | | Latitude DD: | 45.27078 |
| Total Depth m: | 4.1 | | | Longitude DD: | -75.796615 |
| Depth Ref: | Ground Surface | | | UTM Zone: | 18 |
| Depth Elev: | | | | Easting: | 437511 |
| Drill Method: | Hollow stem auger | | | Northing: | 5013340 |
| Orig Ground Elev m: | 113 | | | Location Accuracy: | |
| Elev Reliabil Note: | | | | Accuracy: | Within 10 metres |
| DEM Ground Elev m: | 112 | | | | |
| Concession: | | CON 4 | | | |
| Location D: | | | | | |
| Survey D: | | | | | |
| Comments: | | | | | |

Borehole Geology Stratum

| | | | | | |
|----------------------------------|--|--|--|----------------------------|--|
| Geology Stratum ID: | 6560690 | | | Mat Consistency: | |
| Top Depth: | 1.4 | | | Material Moisture: | |
| Bottom Depth: | 1.7 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Topsoil | | | Geologic Formation: | |
| Material 2: | Sand | | | Geologic Group: | |
| Material 3: | Silt | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | SILTY SAND TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |

| | | | | | |
|----------------------------------|--|--|--|----------------------------|--|
| Geology Stratum ID: | 6560689 | | | Mat Consistency: | |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | 1.4 | | | Material Texture: | |
| Material Color: | Brown | | | Non Geo Mat Type: | |
| Material 1: | Fill | | | Geologic Formation: | |
| Material 2: | Sand | | | Geologic Group: | |
| Material 3: | Gravel | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | SAND AND GRAVEL BROWN FILL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |

| | | | | | |
|----------------------------------|--|--|--|----------------------------|------------|
| Geology Stratum ID: | 6560691 | | | Mat Consistency: | Very Dense |
| Top Depth: | 1.7 | | | Material Moisture: | |
| Bottom Depth: | 4.1 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Till | | | Geologic Formation: | |
| Material 2: | Silt - Sand - Gravel | | | Geologic Group: | |
| Material 3: | | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | glacial |
| Gsc Material Description: | | | | | |
| Stratum Description: | HET MIXT OF SILT, SAND AND GRAVEL VERY DENSE GLACIAL TILL SANDY SILT **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |

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1 of 1

SSE/177.6

113.7 / 2.14

ON

BORE

| | | | | | |
|---------------------|----------------|--|--|--------------------|---------------|
| Borehole ID: | 848551 | | | Inclin FLG: | No |
| OGF ID: | 215590172 | | | SP Status: | Initial Entry |
| Status: | Decommissioned | | | Surv Elev: | No |
| Type: | Borehole | | | Piezometer: | No |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------|---------------------------------------|-------------------------|---------------|---------------------------|------------------|
| Use: | Geotechnical/Geological Investigation | | | Primary Name: | |
| Completion Date: | 30-AUG-1990 | | | Municipality: | |
| Static Water Level: | | | | Lot: | LOT 20 |
| Primary Water Use: | | | | Township: | NEPEAN |
| Sec. Water Use: | | | | Latitude DD: | 45.270717 |
| Total Depth m: | 5 | | | Longitude DD: | -75.79664 |
| Depth Ref: | Ground Surface | | | UTM Zone: | 18 |
| Depth Elev: | | | | Easting: | 437509 |
| Drill Method: | Hollow stem auger | | | Northing: | 5013333 |
| Orig Ground Elev m: | 111 | | | Location Accuracy: | |
| Elev Reliabil Note: | | | | Accuracy: | Within 10 metres |
| DEM Ground Elev m: | 112 | | | | |
| Concession: | CON 4 | | | | |
| Location D: | | | | | |
| Survey D: | | | | | |
| Comments: | | | | | |

Borehole Geology Stratum

| | | | | | |
|----------------------------------|--|--|--|----------------------------|---------|
| Geology Stratum ID: | 6561354 | | | Mat Consistency: | Compact |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | 5 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Till | | | Geologic Formation: | |
| Material 2: | Silt - Sand - Gravel | | | Geologic Group: | |
| Material 3: | Boulders | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | glacial |
| Gsc Material Description: | | | | | |
| Stratum Description: | HET MIXT OF SILT SAND AND GRAVEL GLACIAL TILL COMPACT TO VERY DENSE BOULDERS **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |

| | | | | | |
|----------------------------|---|---------|--------------|---|-----------------|
| 41 | 1 of 1 | W/180.3 | 117.9 / 6.31 | 985 MOODIE DRIVE SOUTH lot 23 con 4 NEPEAN ON | WWIS |
| Well ID: | 7181163 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Domestic | | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | |
| Final Well Status: | Water Supply | | | Date Received: | 05/18/2012 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | Z128540 | | | Contractor: | 1119 |
| Tag: | A127976 | | | Form Version: | 7 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 023 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | | | |
| Site Info: | | | | | |
| PDF URL (Map): | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7181163.pdf | | | | |

Additional Detail(s) (Map)

| | |
|-----------------------------|----------------|
| Well Completed Date: | 04/24/2012 |
| Year Completed: | 2012 |
| Depth (m): | 36.576 |
| Latitude: | 45.28041921171 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|------------|-------------------|----------------------------|------------------|------|----|
| Longitude: | | -75.8058280734824 | | | |
| X: | | -75.8058279113037 | | | |
| Y: | | 45.28041920536889 | | | |
| Path: | | 718\7181163.pdf | | | |

Bore Hole Information

| | | | |
|-------------------------------------|----------------------|-------------------------|--------------------------------|
| Bore Hole ID: | 1003789306 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 436799.00 |
| Code OB Desc: | | North83: | 5014418.00 |
| Open Hole: | | Org CS: | UTM83 |
| Cluster Kind: | | UTMRC: | 4 |
| Date Completed: | 04/24/2012 | UTMRC Desc: | margin of error : 30 m - 100 m |
| Remarks: | | Location Method: | wwr |
| Location Method Desc: | on Water Well Record | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|------------|
| Formation ID: | 1004313927 |
| Layer: | 6 |
| Color: | 2 |
| General Color: | GREY |
| Material 1: | 15 |
| Material 1 Desc: | LIMESTONE |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 112.0 |
| Formation End Depth: | 120.0 |
| Formation End Depth UOM: | ft |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|------------|
| Formation ID: | 1004313923 |
| Layer: | 2 |
| Color: | 2 |
| General Color: | GREY |
| Material 1: | 05 |
| Material 1 Desc: | CLAY |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 3.0 |
| Formation End Depth: | 16.0 |
| Formation End Depth UOM: | ft |

Overburden and Bedrock

Materials Interval

| | |
|----------------------|------------|
| Formation ID: | 1004313922 |
|----------------------|------------|

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--------------------------------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Layer: | | 1 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 26 | | | |
| Material 1 Desc: | | ROCK | | | |
| Material 2: | | 01 | | | |
| Material 2 Desc: | | FILL | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 3.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 1004313924 | | | |
| Layer: | | 3 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 17 | | | |
| Material 1 Desc: | | SHALE | | | |
| Material 2: | | 26 | | | |
| Material 2 Desc: | | ROCK | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 16.0 | | | |
| Formation End Depth: | | 18.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 1004313926 | | | |
| Layer: | | 5 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 109.0 | | | |
| Formation End Depth: | | 112.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 1004313925 | | | |
| Layer: | | 4 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 18.0 | | | |
| Formation End Depth: | | 109.0 | | | |
| Formation End Depth UOM: | | ft | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| Plug ID: | | 1004313962 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 38.0 | | | |
| Plug To: | | 0.0 | | | |
| Plug Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 1004313961 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 1004313920 | | | |
| Casing No: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 1004313931 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | -2.0 | | | |
| Depth To: | | 38.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 1004313932 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | 38.0 | | | |
| Depth To: | | 120.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Screen</u> | | | | | |
| Screen ID: | | 1004313933 | | | |
| Layer: | | | | | |
| Slot: | | | | | |
| Screen Top Depth: | | | | | |
| Screen End Depth: | | | | | |
| Screen Material: | | | | | |
| Screen Depth UOM: | | ft | | | |
| Screen Diameter UOM: | | inch | | | |
| Screen Diameter: | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <u>Results of Well Yield Testing</u> | | | | | |
| <i>Pumping Test Method Desc:</i> | | | | | |
| <i>Pump Test ID:</i> | | 1004313921 | | | |
| <i>Pump Set At:</i> | | 100.0 | | | |
| <i>Static Level:</i> | | 16.41699981689453 | | | |
| <i>Final Level After Pumping:</i> | | 86.58300018310547 | | | |
| <i>Recommended Pump Depth:</i> | | 100.0 | | | |
| <i>Pumping Rate:</i> | | 8.0 | | | |
| <i>Flowing Rate:</i> | | | | | |
| <i>Recommended Pump Rate:</i> | | 8.0 | | | |
| <i>Levels UOM:</i> | | ft | | | |
| <i>Rate UOM:</i> | | GPM | | | |
| <i>Water State After Test Code:</i> | | 0 | | | |
| <i>Water State After Test:</i> | | | | | |
| <i>Pumping Test Method:</i> | | 0 | | | |
| <i>Pumping Duration HR:</i> | | 1 | | | |
| <i>Pumping Duration MIN:</i> | | | | | |
| <i>Flowing:</i> | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 1004313948 | | | |
| <i>Test Type:</i> | | Draw Down | | | |
| <i>Test Duration:</i> | | 20 | | | |
| <i>Test Level:</i> | | 72.5 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 1004313959 | | | |
| <i>Test Type:</i> | | Recovery | | | |
| <i>Test Duration:</i> | | 60 | | | |
| <i>Test Level:</i> | | 16.41699981689453 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 1004313944 | | | |
| <i>Test Type:</i> | | Draw Down | | | |
| <i>Test Duration:</i> | | 10 | | | |
| <i>Test Level:</i> | | 60.58300018310547 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 1004313947 | | | |
| <i>Test Type:</i> | | Recovery | | | |
| <i>Test Duration:</i> | | 15 | | | |
| <i>Test Level:</i> | | 18.41699981689453 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 1004313949 | | | |
| <i>Test Type:</i> | | Recovery | | | |
| <i>Test Duration:</i> | | 20 | | | |
| <i>Test Level:</i> | | 16.41699981689453 | | | |
| <i>Test Level UOM:</i> | | ft | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313950 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 77.08300018310547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313951 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 16.41699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313958 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 86.58300018310547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313946 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 66.08300018310547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313941 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 4 | | | |
| Test Level: | | 48.16699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313945 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 10 | | | |
| Test Level: | | 29.25 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313943 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 5 | | | |
| Test Level: | | 45.66699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313954 | | | |
| Test Type: | | Draw Down | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <i>Test Duration:</i> | | 40 | | | |
| <i>Test Level:</i> | | 81.66699981689453 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 1004313957 | | | |
| <i>Test Type:</i> | | Recovery | | | |
| <i>Test Duration:</i> | | 50 | | | |
| <i>Test Level:</i> | | 16.41699981689453 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 1004313934 | | | |
| <i>Test Type:</i> | | Draw Down | | | |
| <i>Test Duration:</i> | | 1 | | | |
| <i>Test Level:</i> | | 25.41699981689453 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 1004313953 | | | |
| <i>Test Type:</i> | | Recovery | | | |
| <i>Test Duration:</i> | | 30 | | | |
| <i>Test Level:</i> | | 16.41699981689453 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 1004313935 | | | |
| <i>Test Type:</i> | | Recovery | | | |
| <i>Test Duration:</i> | | 1 | | | |
| <i>Test Level:</i> | | 66.25 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 1004313936 | | | |
| <i>Test Type:</i> | | Draw Down | | | |
| <i>Test Duration:</i> | | 2 | | | |
| <i>Test Level:</i> | | 30.25 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 1004313937 | | | |
| <i>Test Type:</i> | | Recovery | | | |
| <i>Test Duration:</i> | | 2 | | | |
| <i>Test Level:</i> | | 60.33300018310547 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 1004313938 | | | |
| <i>Test Type:</i> | | Draw Down | | | |
| <i>Test Duration:</i> | | 3 | | | |
| <i>Test Level:</i> | | 35.0 | | | |
| <i>Test Level UOM:</i> | | ft | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313939 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 3 | | | |
| Test Level: | | 55.58300018310547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313940 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 4 | | | |
| Test Level: | | 39.08300018310547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313942 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 5 | | | |
| Test Level: | | 43.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313952 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 78.41699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313955 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 40 | | | |
| Test Level: | | 16.41699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313956 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 50 | | | |
| Test Level: | | 83.25 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 1004313930 | | | |
| Layer: | | 2 | | | |
| Kind Code: | | 8 | | | |
| Kind: | | Untested | | | |
| Water Found Depth: | | 112.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------|-------------------|----------------------------|------------------|------|----|
| Water ID: | | 1004313929 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 8 | | | |
| Kind: | | Untested | | | |
| Water Found Depth: | | 109.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Hole Diameter</u> | | | | | |
| Hole ID: | | 1004313928 | | | |
| Diameter: | | 6.0 | | | |
| Depth From: | | 0.0 | | | |
| Depth To: | | 120.0 | | | |
| Hole Depth UOM: | | ft | | | |
| Hole Diameter UOM: | | inch | | | |

| | | | | | |
|----------------------------|---|----------|--------------|---------------------------|-----------------|
| 42 | 1 of 1 | NW/196.4 | 118.0 / 6.39 | lot 24 con 4 ON | WWIS |
| Well ID: | 1506102 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Industrial | | | Data Entry Status: | |
| Use 2nd: | 0 | | | Data Src: | 1 |
| Final Well Status: | Water Supply | | | Date Received: | 03/17/1964 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | | | | Contractor: | 1802 |
| Tag: | | | | Form Version: | 1 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 024 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | | | |
| Site Info: | | | | | |
| PDF URL (Map): | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506102.pdf | | | | |

Additional Detail(s) (Map)

| | |
|-----------------------------|--------------------|
| Well Completed Date: | 02/03/1964 |
| Year Completed: | 1964 |
| Depth (m): | 44.196 |
| Latitude: | 45.2857814360723 |
| Longitude: | -75.8036508126606 |
| X: | -75.80365065134143 |
| Y: | 45.285781429337504 |
| Path: | 150\1506102.pdf |

Bore Hole Information

| | | | |
|------------------------|----------|-------------------|------------|
| Bore Hole ID: | 10028145 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 436975.70 |
| Code OB Desc: | | North83: | 5015012.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 5 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|----------------------------------|------------------|-------------------------|---------------------------------|
| Date Completed: | 02/03/1964 | | | UTMRC Desc: | margin of error : 100 m - 300 m |
| Remarks: | | | | Location Method: | p5 |
| Location Method Desc: | | Original Pre1985 UTM Rel Code 5: | | | margin of error : 100 m - 300 m |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931003795 | | | |
| Layer: | | 2 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 18 | | | |
| Material 1 Desc: | | SANDSTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 40.0 | | | |
| Formation End Depth: | | 145.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931003794 | | | |
| Layer: | | 1 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 40.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Method of Construction & Well</u> | | | | | |
| <u>Use</u> | | | | | |
| Method Construction ID: | | 961506102 | | | |
| Method Construction Code: | | 7 | | | |
| Method Construction: | | Diamond | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10576715 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049037 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|----------------------------|------------------|------|----|
| <hr/> | | | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 145.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049036 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 10.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| | | | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991506102 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 4.0 | | | |
| Final Level After Pumping: | | 140.0 | | | |
| Recommended Pump Depth: | | 130.0 | | | |
| Pumping Rate: | | 17.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 15.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 1 | | | |
| Water State After Test: | | CLEAR | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | 0 | | | |
| Flowing: | | No | | | |
| | | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933460185 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 140.0 | | | |
| Water Found Depth UOM: | | ft | | | |

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1 of 1

N/196.7

113.9 / 2.31

lot 24 con 4
ON

WWIS

| | | | |
|--------------------|-----------|--------------------|------------|
| Well ID: | 1532254 | Flowing (Y/N): | |
| Construction Date: | | Flow Rate: | |
| Use 1st: | Not Used | Data Entry Status: | |
| Use 2nd: | | Data Src: | 1 |
| Final Well Status: | Test Hole | Date Received: | 09/20/2001 |
| Water Type: | | Selected Flag: | TRUE |
| Casing Material: | | Abandonment Rec: | |
| Audit No: | 234297 | Contractor: | 1119 |
| Tag: | | Form Version: | 1 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------|-------------------|---|------------------|-------------------------|-----------------|
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 024 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | | | | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532254.pdf | | | |

Additional Detail(s) (Map)

Well Completed Date: 07/26/2001
Year Completed: 2001
Depth (m): 42.672
Latitude: 45.286114461383
Longitude: -75.7985217512161
X: -75.79852158984357
Y: 45.2861144540412
Path: 153\1532254.pdf

Bore Hole Information

| | | | |
|-------------------------------------|--------------|-------------------------|-------------|
| Bore Hole ID: | 10516704 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437378.30 |
| Code OB Desc: | | North83: | 5015045.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 07/26/2001 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | lot |
| Location Method Desc: | Lot centroid | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

**Overburden and Bedrock
Materials Interval**

Formation ID: 932832298
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 140.0
Formation End Depth UOM: ft

Overburden and Bedrock

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 932832297 | | | |
| Layer: | | 1 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 28 | | | |
| Material 1 Desc: | | SAND | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 4.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| Plug ID: | | 933219704 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 2.0 | | | |
| Plug To: | | 22.0 | | | |
| Plug Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961532254 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 11065274 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930094436 | | | |
| Layer: | | 1 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | 8.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930094437 | | | |
| Layer: | | 2 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | 930094438 | | | | |
| Layer: | 3 | | | | |
| Material: | 4 | | | | |
| Open Hole or Material: | OPEN HOLE | | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | 6.0 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | PUMP | | | | |
| Pump Test ID: | 991532254 | | | | |
| Pump Set At: | | | | | |
| Static Level: | 11.0 | | | | |
| Final Level After Pumping: | 120.0 | | | | |
| Recommended Pump Depth: | 120.0 | | | | |
| Pumping Rate: | 15.0 | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | 15.0 | | | | |
| Levels UOM: | ft | | | | |
| Rate UOM: | GPM | | | | |
| Water State After Test Code: | 2 | | | | |
| Water State After Test: | CLOUDY | | | | |
| Pumping Test Method: | 1 | | | | |
| Pumping Duration HR: | 1 | | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | No | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | 934660375 | | | | |
| Test Type: | Recovery | | | | |
| Test Duration: | 45 | | | | |
| Test Level: | 11.0 | | | | |
| Test Level UOM: | ft | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | 934116239 | | | | |
| Test Type: | Recovery | | | | |
| Test Duration: | 15 | | | | |
| Test Level: | 11.0 | | | | |
| Test Level UOM: | ft | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | 934399853 | | | | |
| Test Type: | Recovery | | | | |
| Test Duration: | 30 | | | | |
| Test Level: | 11.0 | | | | |
| Test Level UOM: | ft | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | 934917261 | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------|-------------------|----------------------------|------------------|------|----|
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 11.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 934008406 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 134.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| | | | | | |
|----------------------------|--------|---|---------------------|----------------------------|-------------|
| 44 | 1 of 1 | N/198.0 | 112.6 / 1.02 | lot 24 con 4 ON | WWIS |
| Well ID: | | 1530498 | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | | Livestock | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | |
| Final Well Status: | | Observation Wells | | Date Received: | |
| Water Type: | | | | 1 | |
| Casing Material: | | | | Selected Flag: | |
| Audit No: | | 194829 | | TRUE | |
| Tag: | | | | Abandonment Rec: | |
| Constructn Method: | | | | Contractor: | |
| Elevation (m): | | | | 1558 | |
| Elevatn Reliabilty: | | | | Form Version: | |
| Depth to Bedrock: | | | | 1 | |
| Well Depth: | | | | Owner: | |
| Overburden/Bedrock: | | | | OTTAWA-CARLETON | |
| Pump Rate: | | | | Lot: | |
| Static Water Level: | | | | 024 | |
| Clear/Cloudy: | | | | Concession: | |
| Municipality: | | NEPEAN TOWNSHIP | | 04 | |
| Site Info: | | | | Concession Name: | |
| | | | | RF | |
| | | | | Easting NAD83: | |
| | | | | Northing NAD83: | |
| | | | | Zone: | |
| | | | | UTM Reliability: | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1530498.pdf | | | |

Additional Detail(s) (Map)

| | |
|-----------------------------|--------------------|
| Well Completed Date: | 04/14/1999 |
| Year Completed: | 1999 |
| Depth (m): | 60.96 |
| Latitude: | 45.2861056123322 |
| Longitude: | -75.7984999494671 |
| X: | -75.7984997877396 |
| Y: | 45.286105605061366 |
| Path: | 153\1530498.pdf |

Bore Hole Information

| | | | |
|------------------------|------------|-------------------------|--------------------------------|
| Bore Hole ID: | 10052033 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437380.00 |
| Code OB Desc: | | North83: | 5015044.00 |
| Open Hole: | | Org CS: | N83 |
| Cluster Kind: | | UTMRC: | 8 |
| Date Completed: | 04/14/1999 | UTMRC Desc: | margin of error : 3 km - 10 km |
| Remarks: | | Location Method: | lot |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--------------------------------------|-------------------|----------------------------|------------------|------|----|
| Location Method Desc: | | Lot centroid | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931075695 | | | |
| Layer: | | 1 | | | |
| Color: | | 6 | | | |
| General Color: | | BROWN | | | |
| Material 1: | | 02 | | | |
| Material 1 Desc: | | TOPSOIL | | | |
| Material 2: | | 12 | | | |
| Material 2 Desc: | | STONES | | | |
| Material 3: | | 79 | | | |
| Material 3 Desc: | | PACKED | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 6.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931075697 | | | |
| Layer: | | 3 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | 85 | | | |
| Material 2 Desc: | | SOFT | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 9.0 | | | |
| Formation End Depth: | | 52.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931075696 | | | |
| Layer: | | 2 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 28 | | | |
| Material 1 Desc: | | SAND | | | |
| Material 2: | | 11 | | | |
| Material 2 Desc: | | GRAVEL | | | |
| Material 3: | | 91 | | | |
| Material 3 Desc: | | WATER-BEARING | | | |
| Formation Top Depth: | | 6.0 | | | |
| Formation End Depth: | | 9.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Formation ID: 931075698 | | | | | |
| Layer: 4 | | | | | |
| Color: 2 | | | | | |
| General Color: GREY | | | | | |
| Material 1: 15 | | | | | |
| Material 1 Desc: LIMESTONE | | | | | |
| Material 2: 73 | | | | | |
| Material 2 Desc: HARD | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: 52.0 | | | | | |
| Formation End Depth: 165.0 | | | | | |
| Formation End Depth UOM: ft | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: 931075699 | | | | | |
| Layer: 5 | | | | | |
| Color: 2 | | | | | |
| General Color: GREY | | | | | |
| Material 1: 18 | | | | | |
| Material 1 Desc: SANDSTONE | | | | | |
| Material 2: 90 | | | | | |
| Material 2 Desc: VERY | | | | | |
| Material 3: 73 | | | | | |
| Material 3 Desc: HARD | | | | | |
| Formation Top Depth: 165.0 | | | | | |
| Formation End Depth: 200.0 | | | | | |
| Formation End Depth UOM: ft | | | | | |
| <u>Annular Space/Abandonment</u> | | | | | |
| <u>Sealing Record</u> | | | | | |
| Plug ID: 933115647 | | | | | |
| Layer: 1 | | | | | |
| Plug From: 20.0 | | | | | |
| Plug To: 0.0 | | | | | |
| Plug Depth UOM: ft | | | | | |
| <u>Method of Construction & Well</u> | | | | | |
| <u>Use</u> | | | | | |
| Method Construction ID: 961530498 | | | | | |
| Method Construction Code: 4 | | | | | |
| Method Construction: Rotary (Air) | | | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: 10600603 | | | | | |
| Casing No: 1 | | | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: 930090753 | | | | | |
| Layer: 1 | | | | | |
| Material: 1 | | | | | |
| Open Hole or Material: STEEL | | | | | |
| Depth From: | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <i>Depth To:</i> | | 21.0 | | | |
| <i>Casing Diameter:</i> | | 6.0 | | | |
| <i>Casing Diameter UOM:</i> | | inch | | | |
| <i>Casing Depth UOM:</i> | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| <i>Casing ID:</i> | | 930090754 | | | |
| <i>Layer:</i> | | 2 | | | |
| <i>Material:</i> | | 4 | | | |
| <i>Open Hole or Material:</i> | | OPEN HOLE | | | |
| <i>Depth From:</i> | | | | | |
| <i>Depth To:</i> | | 200.0 | | | |
| <i>Casing Diameter:</i> | | 6.0 | | | |
| <i>Casing Diameter UOM:</i> | | inch | | | |
| <i>Casing Depth UOM:</i> | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| <i>Pumping Test Method Desc:</i> | | PUMP | | | |
| <i>Pump Test ID:</i> | | 991530498 | | | |
| <i>Pump Set At:</i> | | | | | |
| <i>Static Level:</i> | | 16.0 | | | |
| <i>Final Level After Pumping:</i> | | 50.0 | | | |
| <i>Recommended Pump Depth:</i> | | 75.0 | | | |
| <i>Pumping Rate:</i> | | 301.0 | | | |
| <i>Flowing Rate:</i> | | | | | |
| <i>Recommended Pump Rate:</i> | | 5.0 | | | |
| <i>Levels UOM:</i> | | ft | | | |
| <i>Rate UOM:</i> | | GPM | | | |
| <i>Water State After Test Code:</i> | | 2 | | | |
| <i>Water State After Test:</i> | | CLOUDY | | | |
| <i>Pumping Test Method:</i> | | 1 | | | |
| <i>Pumping Duration HR:</i> | | 1 | | | |
| <i>Pumping Duration MIN:</i> | | 0 | | | |
| <i>Flowing:</i> | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 934385066 | | | |
| <i>Test Type:</i> | | Recovery | | | |
| <i>Test Duration:</i> | | 30 | | | |
| <i>Test Level:</i> | | 16.0 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 934118890 | | | |
| <i>Test Type:</i> | | Recovery | | | |
| <i>Test Duration:</i> | | 15 | | | |
| <i>Test Level:</i> | | 16.0 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 934663029 | | | |
| <i>Test Type:</i> | | Recovery | | | |
| <i>Test Duration:</i> | | 45 | | | |
| <i>Test Level:</i> | | 16.0 | | | |
| <i>Test Level UOM:</i> | | ft | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934902199 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 16.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933490661 | | | |
| Layer: | | 2 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 189.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933490660 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 129.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| | | | | | |
|--------------------|--------|-----------|---------------|--------------------|------|
| 45 | 1 of 3 | ESE/198.9 | 103.0 / -8.54 | lot 21 con 4 ON | WWIS |
|--------------------|--------|-----------|---------------|--------------------|------|

| | | | |
|----------------------------|---|---------------------------|-----------------|
| Well ID: | 1524757 | Flowing (Y/N): | |
| Construction Date: | | Flow Rate: | |
| Use 1st: | Domestic | Data Entry Status: | |
| Use 2nd: | | Data Src: | 1 |
| Final Well Status: | Water Supply | Date Received: | 09/17/1990 |
| Water Type: | | Selected Flag: | TRUE |
| Casing Material: | | Abandonment Rec: | |
| Audit No: | 80322 | Contractor: | 1558 |
| Tag: | | Form Version: | 1 |
| Constructn Method: | | Owner: | |
| Elevation (m): | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | Lot: | 021 |
| Depth to Bedrock: | | Concession: | 04 |
| Well Depth: | | Concession Name: | |
| Overburden/Bedrock: | | Easting NAD83: | |
| Pump Rate: | | Northing NAD83: | |
| Static Water Level: | | Zone: | |
| Clear/Cloudy: | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | |
| Site Info: | | | |
| PDF URL (Map): | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1524757.pdf | | |

Additional Detail(s) (Map)

| | |
|-----------------------------|--------------------|
| Well Completed Date: | 07/25/1990 |
| Year Completed: | 1990 |
| Depth (m): | 25.908 |
| Latitude: | 45.2757246969349 |
| Longitude: | -75.7923532930744 |
| X: | -75.79235313210079 |
| Y: | 45.275724690158015 |
| Path: | 152\1524757.pdf |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--------------------------------------|-------------------|----------------------------|------------------|-------------------------|-------------|
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: | 10046505 | | | Elevation: | |
| DP2BR: | | | | Elevrc: | |
| Spatial Status: | | | | Zone: | 18 |
| Code OB: | | | | East83: | 437850.70 |
| Code OB Desc: | | | | North83: | 5013886.00 |
| Open Hole: | | | | Org CS: | |
| Cluster Kind: | | | | UTMRC: | 9 |
| Date Completed: | 07/25/1990 | | | UTMRC Desc: | unknown UTM |
| Remarks: | | | | Location Method: | lot |
| Location Method Desc: | Lot centroid | | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | 931058977 | | | | |
| Layer: | 1 | | | | |
| Color: | 2 | | | | |
| General Color: | GREY | | | | |
| Material 1: | 28 | | | | |
| Material 1 Desc: | SAND | | | | |
| Material 2: | 01 | | | | |
| Material 2 Desc: | FILL | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | 0.0 | | | | |
| Formation End Depth: | 3.0 | | | | |
| Formation End Depth UOM: | ft | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | 931058981 | | | | |
| Layer: | 5 | | | | |
| Color: | 2 | | | | |
| General Color: | GREY | | | | |
| Material 1: | 28 | | | | |
| Material 1 Desc: | SAND | | | | |
| Material 2: | 11 | | | | |
| Material 2 Desc: | GRAVEL | | | | |
| Material 3: | 79 | | | | |
| Material 3 Desc: | PACKED | | | | |
| Formation Top Depth: | 80.0 | | | | |
| Formation End Depth: | 85.0 | | | | |
| Formation End Depth UOM: | ft | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | 931058980 | | | | |
| Layer: | 4 | | | | |
| Color: | 2 | | | | |
| General Color: | GREY | | | | |
| Material 1: | 14 | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Material 1 Desc: | | HARDPAN | | | |
| Material 2: | | 13 | | | |
| Material 2 Desc: | | BOULDERS | | | |
| Material 3: | | 79 | | | |
| Material 3 Desc: | | PACKED | | | |
| Formation Top Depth: | | 53.0 | | | |
| Formation End Depth: | | 80.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931058979 | | | |
| Layer: | | 3 | | | |
| Color: | | 3 | | | |
| General Color: | | BLUE | | | |
| Material 1: | | 05 | | | |
| Material 1 Desc: | | CLAY | | | |
| Material 2: | | 78 | | | |
| Material 2 Desc: | | MEDIUM-GRAINED | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 14.0 | | | |
| Formation End Depth: | | 53.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931058978 | | | |
| Layer: | | 2 | | | |
| Color: | | 6 | | | |
| General Color: | | BROWN | | | |
| Material 1: | | 05 | | | |
| Material 1 Desc: | | CLAY | | | |
| Material 2: | | 79 | | | |
| Material 2 Desc: | | PACKED | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 3.0 | | | |
| Formation End Depth: | | 14.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Method of Construction & Well</u> | | | | | |
| <u>Use</u> | | | | | |
| Method Construction ID: | | 961524757 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10595075 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930081415 | | | |
| Layer: | | 1 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Material: | 1 | | | | |
| Open Hole or Material: | STEEL | | | | |
| Depth From: | | | | | |
| Depth To: | 82.0 | | | | |
| Casing Diameter: | 6.0 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | 930081416 | | | | |
| Layer: | 2 | | | | |
| Material: | 4 | | | | |
| Open Hole or Material: | OPEN HOLE | | | | |
| Depth From: | | | | | |
| Depth To: | 85.0 | | | | |
| Casing Diameter: | 6.0 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | PUMP | | | | |
| Pump Test ID: | 991524757 | | | | |
| Pump Set At: | | | | | |
| Static Level: | 8.0 | | | | |
| Final Level After Pumping: | 50.0 | | | | |
| Recommended Pump Depth: | 50.0 | | | | |
| Pumping Rate: | 25.0 | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | 5.0 | | | | |
| Levels UOM: | ft | | | | |
| Rate UOM: | GPM | | | | |
| Water State After Test Code: | 1 | | | | |
| Water State After Test: | CLEAR | | | | |
| Pumping Test Method: | 1 | | | | |
| Pumping Duration HR: | 1 | | | | |
| Pumping Duration MIN: | 0 | | | | |
| Flowing: | No | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | 934385353 | | | | |
| Test Type: | Draw Down | | | | |
| Test Duration: | 30 | | | | |
| Test Level: | 50.0 | | | | |
| Test Level UOM: | ft | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | 934109944 | | | | |
| Test Type: | Draw Down | | | | |
| Test Duration: | 15 | | | | |
| Test Level: | 50.0 | | | | |
| Test Level UOM: | ft | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | 934903508 | | | | |
| Test Type: | Draw Down | | | | |
| Test Duration: | 60 | | | | |
| Test Level: | 50.0 | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934654714 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 50.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933483499 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 83.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| 45 | 2 of 3 | ESE/198.9 | 103.0 / -8.54 | lot 21 con 4 ON | WWIS |
|----------------------|--------|---|---------------|---------------------------|------|
| Well ID: | | 1525470 | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | | Domestic | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: 1 | |
| Final Well Status: | | Water Supply | | Date Received: 07/26/1991 | |
| Water Type: | | | | Selected Flag: TRUE | |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | | 101331 | | Contractor: 1558 | |
| Tag: | | | | Form Version: 1 | |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: OTTAWA-CARLETON | |
| Elevatn Reliability: | | | | Lot: 021 | |
| Depth to Bedrock: | | | | Concession: 04 | |
| Well Depth: | | | | Concession Name: | |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | | | | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1525470.pdf | | | |

Additional Detail(s) (Map)

| | |
|----------------------|--------------------|
| Well Completed Date: | 06/19/1991 |
| Year Completed: | 1991 |
| Depth (m): | 56.388 |
| Latitude: | 45.2757246969349 |
| Longitude: | -75.7923532930744 |
| X: | -75.79235313210079 |
| Y: | 45.275724690158015 |
| Path: | 152\1525470.pdf |

Bore Hole Information

| | | | |
|-----------------|----------|------------|-----------|
| Bore Hole ID: | 10047208 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437850.70 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------------|-------------------|----------------------------|------------------|-------------------------|-------------|
| Code OB Desc: | | | | North83: | 5013886.00 |
| Open Hole: | | | | Org CS: | |
| Cluster Kind: | | | | UTMRC: | 9 |
| Date Completed: | 06/19/1991 | | | UTMRC Desc: | unknown UTM |
| Remarks: | | | | Location Method: | lot |
| Location Method Desc: | | Lot centroid | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |

Overburden and Bedrock

Materials Interval

Formation ID: 931061252
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 81
Material 3 Desc: SANDY
Formation Top Depth: 18.0
Formation End Depth: 46.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931061253
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 18
Material 2 Desc: SANDSTONE
Material 3: 74
Material 3 Desc: LAYERED
Formation Top Depth: 46.0
Formation End Depth: 185.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931061251
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

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

Method of Construction & Well Use

Method Construction ID: 961525470
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595778
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082655
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 49.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930082656
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 185.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991525470
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|----------------------------|------------------|--------------------|------|
| Water ID: 933484475 | | | | | |
| Layer: 1 | | | | | |
| Kind Code: 5 | | | | | |
| Kind: Not stated | | | | | |
| Water Found Depth: 55.0 | | | | | |
| Water Found Depth UOM: ft | | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: 933484476 | | | | | |
| Layer: 2 | | | | | |
| Kind Code: 5 | | | | | |
| Kind: Not stated | | | | | |
| Water Found Depth: 179.0 | | | | | |
| Water Found Depth UOM: ft | | | | | |
| 45 | 3 of 3 | ESE/198.9 | 103.0 / -8.54 | lot 21 con 4 ON | WWIS |
| Well ID: 1528797 | | | | | |
| Construction Date: | | | | | |
| Use 1st: Municipal | | | | | |
| Use 2nd: | | | | | |
| Final Well Status: Test Hole | | | | | |
| Water Type: | | | | | |
| Casing Material: | | | | | |
| Audit No: 167011 | | | | | |
| Tag: | | | | | |
| Constructn Method: | | | | | |
| Elevation (m): | | | | | |
| Elevatn Reliabilty: | | | | | |
| Depth to Bedrock: | | | | | |
| Well Depth: | | | | | |
| Overburden/Bedrock: | | | | | |
| Pump Rate: | | | | | |
| Static Water Level: | | | | | |
| Clear/Cloudy: | | | | | |
| Municipality: NEPEAN TOWNSHIP | | | | | |
| Site Info: | | | | | |
| Flowing (Y/N): | | | | | |
| Flow Rate: | | | | | |
| Data Entry Status: | | | | | |
| Data Src: 1 | | | | | |
| Date Received: 11/30/1995 | | | | | |
| Selected Flag: TRUE | | | | | |
| Abandonment Rec: | | | | | |
| Contractor: 1558 | | | | | |
| Form Version: 1 | | | | | |
| Owner: | | | | | |
| County: OTTAWA-CARLETON | | | | | |
| Lot: 021 | | | | | |
| Concession: 04 | | | | | |
| Concession Name: | | | | | |
| Easting NAD83: | | | | | |
| Northing NAD83: | | | | | |
| Zone: | | | | | |
| UTM Reliability: | | | | | |
| PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1528797.pdf | | | | | |
| <u>Additional Detail(s) (Map)</u> | | | | | |
| Well Completed Date: 11/17/1995 | | | | | |
| Year Completed: 1995 | | | | | |
| Depth (m): 52.7304 | | | | | |
| Latitude: 45.2757246969349 | | | | | |
| Longitude: -75.7923532930744 | | | | | |
| X: -75.79235313210079 | | | | | |
| Y: 45.275724690158015 | | | | | |
| Path: 152\1528797.pdf | | | | | |
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: 10050333 | | | | | |
| DP2BR: | | | | | |
| Spatial Status: | | | | | |
| Code OB: | | | | | |
| Code OB Desc: | | | | | |
| Open Hole: | | | | | |
| Elevation: | | | | | |
| Elevrc: | | | | | |
| Zone: 18 | | | | | |
| East83: 437850.70 | | | | | |
| North83: 5013886.00 | | | | | |
| Org CS: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------------|-------------------|----------------------------|------------------|-------------------------|-------------|
| Cluster Kind: | | | | UTMRC: | 9 |
| Date Completed: | 11/17/1995 | | | UTMRC Desc: | unknown UTM |
| Remarks: | | | | Location Method: | lot |
| Location Method Desc: | | Lot centroid | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |

**Overburden and Bedrock
Materials Interval**

Formation ID: 931070824
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 74
Material 2 Desc: LAYERED
Material 3: 71
Material 3 Desc: FRACTURED
Formation Top Depth: 106.0
Formation End Depth: 173.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931070823
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 78
Material 2 Desc: MEDIUM-GRAINED
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 13.0
Formation End Depth: 106.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931070822
Layer: 2
Color: 2
General Color: GREY
Material 1: 21
Material 1 Desc: GRANITE
Material 2: 91
Material 2 Desc: WATER-BEARING
Material 3:
Material 3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 13.0
Formation End Depth UOM: ft

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| Formation ID: | | 931070821 | | | |
| Layer: | | 1 | | | |
| Color: | | 6 | | | |
| General Color: | | BROWN | | | |
| Material 1: | | 02 | | | |
| Material 1 Desc: | | TOPSOIL | | | |
| Material 2: | | 81 | | | |
| Material 2 Desc: | | SANDY | | | |
| Material 3: | | 68 | | | |
| Material 3 Desc: | | DRY | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 12.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961528797 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10598903 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930087953 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 14.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930087954 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 173.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991528797 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 8.0 | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <i>Final Level After Pumping:</i> | | 170.0 | | | |
| <i>Recommended Pump Depth:</i> | | 160.0 | | | |
| <i>Pumping Rate:</i> | | 4.0 | | | |
| <i>Flowing Rate:</i> | | | | | |
| <i>Recommended Pump Rate:</i> | | 4.0 | | | |
| <i>Levels UOM:</i> | | ft | | | |
| <i>Rate UOM:</i> | | GPM | | | |
| <i>Water State After Test Code:</i> | | 2 | | | |
| <i>Water State After Test:</i> | | CLOUDY | | | |
| <i>Pumping Test Method:</i> | | 1 | | | |
| <i>Pumping Duration HR:</i> | | 1 | | | |
| <i>Pumping Duration MIN:</i> | | 0 | | | |
| <i>Flowing:</i> | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 934649415 | | | |
| <i>Test Type:</i> | | Draw Down | | | |
| <i>Test Duration:</i> | | 45 | | | |
| <i>Test Level:</i> | | 170.0 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 934105272 | | | |
| <i>Test Type:</i> | | Draw Down | | | |
| <i>Test Duration:</i> | | 15 | | | |
| <i>Test Level:</i> | | 170.0 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 934907017 | | | |
| <i>Test Type:</i> | | Draw Down | | | |
| <i>Test Duration:</i> | | 60 | | | |
| <i>Test Level:</i> | | 170.0 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 934388898 | | | |
| <i>Test Type:</i> | | Draw Down | | | |
| <i>Test Duration:</i> | | 30 | | | |
| <i>Test Level:</i> | | 170.0 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Water Details</u> | | | | | |
| <i>Water ID:</i> | | 933488635 | | | |
| <i>Layer:</i> | | 1 | | | |
| <i>Kind Code:</i> | | 5 | | | |
| <i>Kind:</i> | | Not stated | | | |
| <i>Water Found Depth:</i> | | 14.0 | | | |
| <i>Water Found Depth UOM:</i> | | ft | | | |
| <u>Water Details</u> | | | | | |
| <i>Water ID:</i> | | 933488637 | | | |
| <i>Layer:</i> | | 3 | | | |
| <i>Kind Code:</i> | | 5 | | | |
| <i>Kind:</i> | | Not stated | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------|-------------------|----------------------------|------------------|------|----|
| Water Found Depth: | | 148.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933488636 | | | |
| Layer: | | 2 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 108.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| | | | | | |
|----------------------------|--------|-------------------|---------------|---------------------------|------|
| 46 | 1 of 5 | ESE/199.2 | 103.0 / -8.54 | lot 21 con 4 ON | WWIS |
| Well ID: | | 1530347 | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | | Livestock | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | |
| Final Well Status: | | Observation Wells | | Date Received: | |
| Water Type: | | | | Selected Flag: | |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | | 194765 | | Contractor: | |
| Tag: | | | | Form Version: | |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | |
| Elevatn Reliabilty: | | | | Lot: | |
| Depth to Bedrock: | | | | Concession: | |
| Well Depth: | | | | Concession Name: | |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | | | | |

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1530347.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/20/1998
Year Completed: 1998
Depth (m): 91.44
Latitude: 45.2757247500003
Longitude: -75.7923456442944
X: -75.79234548294869
Y: 45.2757247432575
Path: 153\1530347.pdf

Bore Hole Information

| | | | |
|------------------------------|--------------|-------------------------|-------------|
| Bore Hole ID: | 10051882 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437851.30 |
| Code OB Desc: | | North83: | 5013886.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 10/20/1998 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | lot |
| Location Method Desc: | Lot centroid | | |
| Elevrc Desc: | | | |

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

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

Overburden and Bedrock
Materials Interval

Formation ID: 931075215
 Layer: 3
 Color: 2
 General Color: GREY
 Material 1: 15
 Material 1 Desc: LIMESTONE
 Material 2:
 Material 2 Desc:
 Material 3:
 Material 3 Desc:
 Formation Top Depth: 278.0
 Formation End Depth: 300.0
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931075214
 Layer: 2
 Color: 2
 General Color: GREY
 Material 1: 15
 Material 1 Desc: LIMESTONE
 Material 2:
 Material 2 Desc:
 Material 3:
 Material 3 Desc:
 Formation Top Depth: 200.0
 Formation End Depth: 278.0
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931075213
 Layer: 1
 Color:
 General Color:
 Material 1: 00
 Material 1 Desc: UNKNOWN TYPE
 Material 2:
 Material 2 Desc:
 Material 3:
 Material 3 Desc:
 Formation Top Depth: 0.0
 Formation End Depth: 200.0
 Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961530347
 Method Construction Code: 6

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Method Construction: | | Boring | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10600452 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930090441 | | | |
| Layer: | | 1 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 300.0 | | | |
| Casing Diameter: | | 5.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991530347 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 18.0 | | | |
| Final Level After Pumping: | | 300.0 | | | |
| Recommended Pump Depth: | | 279.0 | | | |
| Pumping Rate: | | 5.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 5.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 2 | | | |
| Water State After Test: | | CLOUDY | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934662479 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 54.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934118341 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 217.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934393329 | | | |

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

Test Type: Recovery
Test Duration: 30
Test Level: 135.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934911023
Test Type: Recovery
Test Duration: 60
Test Level: 23.0
Test Level UOM: ft

Water Details

Water ID: 933490442
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 268.0
Water Found Depth UOM: ft

Water Details

Water ID: 933490441
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 233.0
Water Found Depth UOM: ft

[46](#) 2 of 5 **ESE/199.2** **103.0 / -8.54** **lot 21 con 4 ON** **WWIS**

| | |
|---|--|
| Well ID: 1530351 Construction Date: Use 1st: Livestock Use 2nd: Final Well Status: Observation Wells Water Type: Casing Material: Audit No: 194756 Tag: Constructn Method: Elevation (m): Elevatn Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: NEPEAN TOWNSHIP Site Info: | Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 12/08/1998 Selected Flag: TRUE Abandonment Rec: Contractor: 1558 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 021 Concession: 04 Concession Name: RF Easting NAD83: Northing NAD83: Zone: UTM Reliability: |
|---|--|

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1530351.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/07/1998
Year Completed: 1998
Depth (m): 28.956

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Latitude: | | 45.2757247500003 | | | |
| Longitude: | | -75.7923456442944 | | | |
| X: | | -75.79234548294869 | | | |
| Y: | | 45.2757247432575 | | | |
| Path: | | 153\1530351.pdf | | | |

Bore Hole Information

| | | | |
|-------------------------------------|--------------|-------------------------|-------------|
| Bore Hole ID: | 10051886 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437851.30 |
| Code OB Desc: | | North83: | 5013886.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 10/07/1998 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | lot |
| Location Method Desc: | Lot centroid | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| Formation ID: | 931075225 |
| Layer: | 5 |
| Color: | 2 |
| General Color: | GREY |
| Material 1: | 28 |
| Material 1 Desc: | SAND |
| Material 2: | 11 |
| Material 2 Desc: | GRAVEL |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 89.0 |
| Formation End Depth: | 95.0 |
| Formation End Depth UOM: | ft |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| Formation ID: | 931075222 |
| Layer: | 2 |
| Color: | 6 |
| General Color: | BROWN |
| Material 1: | 05 |
| Material 1 Desc: | CLAY |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 4.0 |
| Formation End Depth: | 12.0 |
| Formation End Depth UOM: | ft |

Overburden and Bedrock

Materials Interval

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Formation ID: | | 931075221 | | | |
| Layer: | | 1 | | | |
| Color: | | 6 | | | |
| General Color: | | BROWN | | | |
| Material 1: | | 05 | | | |
| Material 1 Desc: | | CLAY | | | |
| Material 2: | | 12 | | | |
| Material 2 Desc: | | STONES | | | |
| Material 3: | | 01 | | | |
| Material 3 Desc: | | FILL | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 4.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931075224 | | | |
| Layer: | | 4 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 28 | | | |
| Material 1 Desc: | | SAND | | | |
| Material 2: | | 13 | | | |
| Material 2 Desc: | | BOULDERS | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 58.0 | | | |
| Formation End Depth: | | 89.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931075223 | | | |
| Layer: | | 3 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 05 | | | |
| Material 1 Desc: | | CLAY | | | |
| Material 2: | | 12 | | | |
| Material 2 Desc: | | STONES | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 12.0 | | | |
| Formation End Depth: | | 58.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Annular Space/Abandonment</u> | | | | | |
| <u>Sealing Record</u> | | | | | |
| Plug ID: | | 933115489 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 0.0 | | | |
| Plug To: | | 65.0 | | | |
| Plug Depth UOM: | | ft | | | |
| <u>Method of Construction & Well</u> | | | | | |
| <u>Use</u> | | | | | |
| Method Construction ID: | | 961530351 | | | |
| Method Construction Code: | | 6 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Method Construction: | | Boring | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10600456 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930090444 | | | |
| Layer: | | 1 | | | |
| Material: | | 2 | | | |
| Open Hole or Material: | | GALVANIZED | | | |
| Depth From: | | | | | |
| Depth To: | | 95.0 | | | |
| Casing Diameter: | | 5.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991530351 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 12.0 | | | |
| Final Level After Pumping: | | 40.0 | | | |
| Recommended Pump Depth: | | 45.0 | | | |
| Pumping Rate: | | 49.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 5.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 2 | | | |
| Water State After Test: | | CLOUDY | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | 0 | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934911025 | | | |
| Test Type: | | | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 12.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934662481 | | | |
| Test Type: | | | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 12.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934118343 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| Test Type: | | | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 12.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934393331 | | | |
| Test Type: | | | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 12.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933490444 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 7 | | | |
| Kind: | | IRON | | | |
| Water Found Depth: | | 95.0 | | | |
| Water Found Depth UOM: | | ft | | | |

[46](#) 3 of 5 **ESE/199.2** **103.0 / -8.54** **lot 21 con 4 ON** **WWIS**

| | | | |
|----------------------------|-----------------|---------------------------|-----------------|
| Well ID: | 1523369 | Flowing (Y/N): | |
| Construction Date: | | Flow Rate: | |
| Use 1st: | Domestic | Data Entry Status: | |
| Use 2nd: | | Data Src: | 1 |
| Final Well Status: | Water Supply | Date Received: | 04/06/1989 |
| Water Type: | | Selected Flag: | TRUE |
| Casing Material: | | Abandonment Rec: | |
| Audit No: | 50688 | Contractor: | 1558 |
| Tag: | | Form Version: | 1 |
| Constructn Method: | | Owner: | |
| Elevation (m): | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | Lot: | 021 |
| Depth to Bedrock: | | Concession: | 04 |
| Well Depth: | | Concession Name: | RF |
| Overburden/Bedrock: | | Easting NAD83: | |
| Pump Rate: | | Northing NAD83: | |
| Static Water Level: | | Zone: | |
| Clear/Cloudy: | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | |
| Site Info: | | | |

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1523369.pdf

Additional Detail(s) (Map)

| | |
|-----------------------------|--------------------|
| Well Completed Date: | 02/22/1989 |
| Year Completed: | 1989 |
| Depth (m): | 45.72 |
| Latitude: | 45.2757247500003 |
| Longitude: | -75.7923456442944 |
| X: | -75.79234548294869 |
| Y: | 45.2757247432575 |
| Path: | 152\1523369.pdf |

Bore Hole Information

| | | | |
|----------------------|----------|-------------------|--|
| Bore Hole ID: | 10045144 | Elevation: | |
|----------------------|----------|-------------------|--|

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------------|-------------------|----------------------------|------------------|-------------------------|-------------|
| DP2BR: | | | | Elevrc: | |
| Spatial Status: | | | | Zone: | 18 |
| Code OB: | | | | East83: | 437851.30 |
| Code OB Desc: | | | | North83: | 5013886.00 |
| Open Hole: | | | | Org CS: | 9 |
| Cluster Kind: | | | | UTMRC: | unknown UTM |
| Date Completed: | 02/22/1989 | | | UTMRC Desc: | lot |
| Remarks: | | | | Location Method: | lot |
| Location Method Desc: | | Lot centroid | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |

Overburden and Bedrock

Materials Interval

Formation ID: 931054388
Layer: 2
Color: 1
General Color: WHITE
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2: 74
Material 2 Desc: LAYERED
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 6.0
Formation End Depth: 150.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931054387
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 01
Material 2 Desc: FILL
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 961523369
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10593714
Casing No: 1

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <i>Comment:</i> | | | | | |
| <i>Alt Name:</i> | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| <i>Casing ID:</i> | | 930078979 | | | |
| <i>Layer:</i> | | 1 | | | |
| <i>Material:</i> | | 1 | | | |
| <i>Open Hole or Material:</i> | | STEEL | | | |
| <i>Depth From:</i> | | | | | |
| <i>Depth To:</i> | | 21.0 | | | |
| <i>Casing Diameter:</i> | | 6.0 | | | |
| <i>Casing Diameter UOM:</i> | | inch | | | |
| <i>Casing Depth UOM:</i> | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| <i>Casing ID:</i> | | 930078980 | | | |
| <i>Layer:</i> | | 2 | | | |
| <i>Material:</i> | | 4 | | | |
| <i>Open Hole or Material:</i> | | OPEN HOLE | | | |
| <i>Depth From:</i> | | | | | |
| <i>Depth To:</i> | | 150.0 | | | |
| <i>Casing Diameter:</i> | | 6.0 | | | |
| <i>Casing Diameter UOM:</i> | | inch | | | |
| <i>Casing Depth UOM:</i> | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| <i>Pumping Test Method Desc:</i> | | PUMP | | | |
| <i>Pump Test ID:</i> | | 991523369 | | | |
| <i>Pump Set At:</i> | | | | | |
| <i>Static Level:</i> | | 30.0 | | | |
| <i>Final Level After Pumping:</i> | | 100.0 | | | |
| <i>Recommended Pump Depth:</i> | | 125.0 | | | |
| <i>Pumping Rate:</i> | | 12.0 | | | |
| <i>Flowing Rate:</i> | | | | | |
| <i>Recommended Pump Rate:</i> | | 5.0 | | | |
| <i>Levels UOM:</i> | | ft | | | |
| <i>Rate UOM:</i> | | GPM | | | |
| <i>Water State After Test Code:</i> | | 1 | | | |
| <i>Water State After Test:</i> | | CLEAR | | | |
| <i>Pumping Test Method:</i> | | 1 | | | |
| <i>Pumping Duration HR:</i> | | 1 | | | |
| <i>Pumping Duration MIN:</i> | | 0 | | | |
| <i>Flowing:</i> | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 934389128 | | | |
| <i>Test Type:</i> | | Draw Down | | | |
| <i>Test Duration:</i> | | 30 | | | |
| <i>Test Level:</i> | | 100.0 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 934907314 | | | |
| <i>Test Type:</i> | | Draw Down | | | |
| <i>Test Duration:</i> | | 60 | | | |
| <i>Test Level:</i> | | 100.0 | | | |
| <i>Test Level UOM:</i> | | ft | | | |

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

Draw Down & Recovery

Pump Test Detail ID: 934104899
Test Type: Draw Down
Test Duration: 15
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649691
Test Type: Draw Down
Test Duration: 45
Test Level: 100.0
Test Level UOM: ft

Water Details

Water ID: 933481603
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 142.0
Water Found Depth UOM: ft

Water Details

Water ID: 933481602
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.0
Water Found Depth UOM: ft

| | | | | | |
|--------------------|--------|-----------|---------------|--------------------|------|
| 46 | 4 of 5 | ESE/199.2 | 103.0 / -8.54 | lot 21 con 4 ON | WWIS |
|--------------------|--------|-----------|---------------|--------------------|------|

| | |
|--|----------------------------------|
| Well ID: 1525234 | Flowing (Y/N): |
| Construction Date: | Flow Rate: |
| Use 1st: Domestic | Data Entry Status: |
| Use 2nd: Cooling And A/C | Data Src: 1 |
| Final Well Status: Water Supply | Date Received: 01/28/1991 |
| Water Type: | Selected Flag: TRUE |
| Casing Material: | Abandonment Rec: |
| Audit No: 89515 | Contractor: 1558 |
| Tag: | Form Version: 1 |
| Constructn Method: | Owner: |
| Elevation (m): | County: OTTAWA-CARLETON |
| Elevatn Reliability: | Lot: 021 |
| Depth to Bedrock: | Concession: 04 |
| Well Depth: | Concession Name: RF |
| Overburden/Bedrock: | Easting NAD83: |
| Pump Rate: | Northing NAD83: |
| Static Water Level: | Zone: |
| Clear/Cloudy: | UTM Reliability: |
| Municipality: NEPEAN TOWNSHIP | |
| Site Info: | |

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1525234.pdf

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

Additional Detail(s) (Map)

Well Completed Date: 12/15/1990
Year Completed: 1990
Depth (m): 26.2128
Latitude: 45.2757247500003
Longitude: -75.7923456442944
X: -75.79234548294869
Y: 45.2757247432575
Path: 152\1525234.pdf

Bore Hole Information

| | | | |
|------------------------------|--------------|------------------|-------------|
| Bore Hole ID: | 10046975 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437851.30 |
| Code OB Desc: | | North83: | 5013886.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 12/15/1990 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | lot |
| Location Method Desc: | Lot centroid | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

Formation ID: 931060543
Layer: 3
Color: 2
General Color: GREY
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 38.0
Formation End Depth: 75.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931060541
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931060542 | | | |
| Layer: | | 2 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 05 | | | |
| Material 1 Desc: | | CLAY | | | |
| Material 2: | | 13 | | | |
| Material 2 Desc: | | BOULDERS | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 15.0 | | | |
| Formation End Depth: | | 38.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931060544 | | | |
| Layer: | | 4 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 11 | | | |
| Material 1 Desc: | | GRAVEL | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 75.0 | | | |
| Formation End Depth: | | 86.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Method of Construction & Well</u> | | | | | |
| <u>Use</u> | | | | | |
| Method Construction ID: | | 961525234 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10595545 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930082255 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 83.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | | 930082256 | | |
| Layer: | | | 2 | | |
| Material: | | | | | |
| Open Hole or Material: | | | | | |
| Depth From: | | | | | |
| Depth To: | | | 86.0 | | |
| Casing Diameter: | | | 6.0 | | |
| Casing Diameter UOM: | | | inch | | |
| Casing Depth UOM: | | | ft | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | | PUMP | | |
| Pump Test ID: | | | 991525234 | | |
| Pump Set At: | | | | | |
| Static Level: | | | 4.0 | | |
| Final Level After Pumping: | | | 20.0 | | |
| Recommended Pump Depth: | | | 30.0 | | |
| Pumping Rate: | | | 30.0 | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | | 5.0 | | |
| Levels UOM: | | | ft | | |
| Rate UOM: | | | GPM | | |
| Water State After Test Code: | | | | | |
| Water State After Test: | | | | | |
| Pumping Test Method: | | | 1 | | |
| Pumping Duration HR: | | | 1 | | |
| Pumping Duration MIN: | | | 0 | | |
| Flowing: | | | No | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 934111650 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 15 | | |
| Test Level: | | | 20.0 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 934656409 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 45 | | |
| Test Level: | | | 20.0 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 934905198 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 60 | | |
| Test Level: | | | 20.0 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 934387054 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 30 | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-----------------------------|-------------------|----------------------------|------------------|------|----|
| Test Level: | | 20.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933484148 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 85.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| | | | | | |
|---------------------|-----------------|-----------|---------------|--------------------|-----------------|
| 46 | 5 of 5 | ESE/199.2 | 103.0 / -8.54 | lot 21 con 4 ON | WWIS |
| Well ID: | 1526002 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Irrigation | | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | 1 |
| Final Well Status: | Water Supply | | | Date Received: | 01/13/1992 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | 100192 | | | Contractor: | 1558 |
| Tag: | | | | Form Version: | 1 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 021 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | | | |
| Site Info: | | | | | |

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1526002.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/17/1991
Year Completed: 1991
Depth (m): 62.484
Latitude: 45.2757247500003
Longitude: -75.7923456442944
X: -75.79234548294869
Y: 45.2757247432575
Path: 152\1526002.pdf

Bore Hole Information

| | | | |
|-----------------------|--------------|------------------|-------------|
| Bore Hole ID: | 10047737 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437851.30 |
| Code OB Desc: | | North83: | 5013886.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 10/17/1991 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | lot |
| Location Method Desc: | Lot centroid | | |
| Elevrc Desc: | | | |

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

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

Overburden and Bedrock
Materials Interval

Formation ID: 931062924
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 78
Material 2 Desc: MEDIUM-GRAINED
Material 3:
Material 3 Desc:
Formation Top Depth: 11.0
Formation End Depth: 167.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931062925
Layer: 3
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 167.0
Formation End Depth: 205.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931062923
Layer: 1
Color: 6
General Color: BROWN
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 0.0
Formation End Depth: 11.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961526002
Method Construction Code: 5

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10596307 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930083588 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 205.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930083587 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 22.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991526002 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 20.0 | | | |
| Final Level After Pumping: | | 75.0 | | | |
| Recommended Pump Depth: | | 100.0 | | | |
| Pumping Rate: | | 20.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 5.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 1 | | | |
| Water State After Test: | | CLEAR | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | 0 | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934650352 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 75.0 | | | |
| 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: | | 934106195 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 75.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934907549 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 75.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934389829 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 75.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933485172 | | | |
| Layer: | | 2 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 184.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933485173 | | | |
| Layer: | | 3 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 202.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933485171 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 125.0 | | | |
| Water Found Depth UOM: | | ft | | | |

[47](#)

1 of 2

ESE/199.3

103.0 / -8.54

SSSS Dilawri Holdings Inc.
Part of Part 2, 4, and 5 of Reference Plan
4R27752
Ottawa ON K2E 1A5

ECA

Approval No: 3182-AEHN2N
Approval Date: 2016-10-18
Status: Approved
Record Type: ECA

MOE District: Ottawa
City:
Longitude: -75.7924
Latitude: 45.2757

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|---|------|
| Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Business Name: SSSS Dilawri Holdings Inc. Address: Part of Part 2, 4, and 5 of Reference Plan 4R27752 Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3132-A7HQC6-14.pdf PDF Site Location: | | | | | |
| 47 | 2 of 2 | ESE/199.3 | 103.0 / -8.54 | 1702764 Ontario Limited Part of Ottawa ON K2E 1A6 | ECA |
| Approval No: 7492-AEAGYW Approval Date: 2016-10-18 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Business Name: 1702764 Ontario Limited Address: Part of Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3567-A7HQPE-14.pdf PDF Site Location: | | | | | |
| 48 | 1 of 1 | N/199.6 | 112.6 / 1.02 | lot 24 con 4 ON | WWIS |
| Well ID: 1522454 Construction Date: Use 1st: Domestic Use 2nd: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 32848 Tag: Constructn Method: Elevation (m): Elevatn Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: NEPEAN TOWNSHIP Site Info: PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1522454.pdf Additional Detail(s) (Map) Well Completed Date: 05/09/1988 Year Completed: 1988 Depth (m): 45.72 Latitude: 45.2861057638759 Longitude: -75.7984782740038 | | | | | |
| Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 07/22/1988 Selected Flag: TRUE Abandonment Rec: Contractor: 1558 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 024 Concession: 04 Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| X: | | -75.7984781 | 1229727 | | |
| Y: | | 45.286105757378415 | | | |
| Path: | | 152\1522454.pdf | | | |

Bore Hole Information

| | | | |
|-------------------------------------|--------------|-------------------------|-------------|
| Bore Hole ID: | 10044266 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437381.70 |
| Code OB Desc: | | North83: | 5015044.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 05/09/1988 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | lot |
| Location Method Desc: | Lot centroid | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| Formation ID: | 931051490 |
| Layer: | 2 |
| Color: | 1 |
| General Color: | WHITE |
| Material 1: | 18 |
| Material 1 Desc: | SANDSTONE |
| Material 2: | 74 |
| Material 2 Desc: | LAYERED |
| Material 3: | 90 |
| Material 3 Desc: | VERY |
| Formation Top Depth: | 4.0 |
| Formation End Depth: | 150.0 |
| Formation End Depth UOM: | ft |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| Formation ID: | 931051489 |
| Layer: | 1 |
| Color: | 6 |
| General Color: | BROWN |
| Material 1: | 02 |
| Material 1 Desc: | TOPSOIL |
| Material 2: | 12 |
| Material 2 Desc: | STONES |
| Material 3: | 81 |
| Material 3 Desc: | SANDY |
| Formation Top Depth: | 0.0 |
| Formation End Depth: | 4.0 |
| Formation End Depth UOM: | ft |

Method of Construction & Well

Use

| | |
|----------------------------------|-----------|
| Method Construction ID: | 961522454 |
| Method Construction Code: | 5 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10592836 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930077426 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 21.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930077429 | | | |
| Layer: | | 4 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 150.0 | | | |
| Casing Diameter: | | 5.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930077428 | | | |
| Layer: | | 3 | | | |
| Material: | | | | | |
| Open Hole or Material: | | | | | |
| Depth From: | | | | | |
| Depth To: | | 125.0 | | | |
| Casing Diameter: | | 5.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930077427 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 75.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Pump Test ID: | | 991522454 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 10.0 | | | |
| Final Level After Pumping: | | 50.0 | | | |
| Recommended Pump Depth: | | 100.0 | | | |
| Pumping Rate: | | 6.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 5.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 1 | | | |
| Water State After Test: | | CLEAR | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | 0 | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934385243 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 50.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934110377 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 50.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934655608 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 50.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934904013 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 50.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933480353 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 26.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933480354 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--------------------------|-------------------|---|------------------|--|-----|
| Layer: | | 2 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 145.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| 49 | 1 of 5 | SSW/203.9 | 120.9 / 9.31 | Motor Works Private Nepean ON K2R 1J2 | EHS |
| Order No: | | 21060900125 | | Nearest Intersection: | |
| Status: | | C | | Municipality: | |
| Report Type: | | Custom Report | | Client Prov/State: ON | |
| Report Date: | | 21-JUN-21 | | Search Radius (km): .25 | |
| Date Received: | | 09-JUN-21 | | X: -75.80056097 | |
| Previous Site Name: | | | | Y: 45.27373867 | |
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | | Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos | | | |
| 49 | 2 of 5 | SSW/203.9 | 120.9 / 9.31 | Motor Works Private Nepean ON K2R 1J2 | EHS |
| Order No: | | 21060900125 | | Nearest Intersection: | |
| Status: | | C | | Municipality: | |
| Report Type: | | Custom Report | | Client Prov/State: ON | |
| Report Date: | | 21-JUN-21 | | Search Radius (km): .25 | |
| Date Received: | | 09-JUN-21 | | X: -75.80056097 | |
| Previous Site Name: | | | | Y: 45.27373867 | |
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | | Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos | | | |
| 49 | 3 of 5 | SSW/203.9 | 120.9 / 9.31 | Motor Works Private Nepean ON K2R 1J2 | EHS |
| Order No: | | 21060900125 | | Nearest Intersection: | |
| Status: | | C | | Municipality: | |
| Report Type: | | Custom Report | | Client Prov/State: ON | |
| Report Date: | | 21-JUN-21 | | Search Radius (km): .25 | |
| Date Received: | | 09-JUN-21 | | X: -75.80056097 | |
| Previous Site Name: | | | | Y: 45.27373867 | |
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | | Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos | | | |
| 49 | 4 of 5 | SSW/203.9 | 120.9 / 9.31 | Motor Works Private Nepean ON K2R 1J2 | EHS |
| Order No: | | 21060900125 | | Nearest Intersection: | |
| Status: | | C | | Municipality: | |
| Report Type: | | Custom Report | | Client Prov/State: ON | |
| Report Date: | | 21-JUN-21 | | Search Radius (km): .25 | |
| Date Received: | | 09-JUN-21 | | X: -75.80056097 | |
| Previous Site Name: | | | | Y: 45.27373867 | |
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | | Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos | | | |
| 49 | 5 of 5 | SSW/203.9 | 120.9 / 9.31 | Motor Works Private Nepean ON K2R 1J2 | EHS |
| Order No: | | 21060900125 | | Nearest Intersection: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|---|------|
| Status: C Report Type: Custom Report Report Date: 21-JUN-21 Date Received: 09-JUN-21 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos | | | | | |
| 50 | 1 of 6 | SW/209.9 | 118.8 / 7.26 | 201 Dibblee Rd Ottawa ON | EHS |
| Order No: 20050513015 Status: C Report Type: Report Date: 5/24/2005 Date Received: 5/13/2005 Previous Site Name: Lot/Building Size: Additional Info Ordered: | | | | | |
| Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.802531 Y: 45.273772 | | | | | |
| 50 | 2 of 6 | SW/209.9 | 118.8 / 7.26 | HYDRO OTTAWA LIMITED/HYDRO OTTAWA LIMITEE 201 Dibblee RD Ottawa ON K2R 1J2 | EASR |
| Approval No: R-006-5110651725 Status: REGISTERED Date: 2018-10-29 Record Type: EASR Link Source: MOFA Project Type: Solar Facility Full Address: Approval Type: EASR-Solar Facility SWP Area Name: Rideau Valley PDF URL: PDF Site Location: | | | | | |
| MOE District: Ottawa Municipality: Ottawa Latitude: 45.27361111 Longitude: -75.8025 Geometry X: Geometry Y: | | | | | |
| 50 | 3 of 6 | SW/209.9 | 118.8 / 7.26 | Hydro Ottawa Limited/ Hydro Ottawa Limitee 201 Dibblee Rd Ottawa ON K1G 3S4 | ECA |
| Approval No: 2258-B2LS3Q Approval Date: 2018-12-20 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Business Name: Hydro Ottawa Limited/ Hydro Ottawa Limitée Address: 201 Dibblee Rd Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8564-AYKQJU-13.pdf PDF Site Location: | | | | | |
| MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: | | | | | |
| 50 | 4 of 6 | SW/209.9 | 118.8 / 7.26 | Hydro Ottawa 201 Dibblee Road Ottawa ON K2R 1J2 | GEN |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|---|--------------------------|--|------------|
| Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: | | ON5031759 As of Jul 2020 Canada Registered | | | |
| <u>Detail(s)</u> | | | | | |
| Waste Class: | | 121 C | | | |
| Waste Class Name: | | Alkaline slutions - containing heavy metals | | | |
| Waste Class: | | 331 I | | | |
| Waste Class Name: | | Waste compressed gases including cylinders | | | |
| Waste Class: | | 251 L | | | |
| Waste Class Name: | | Waste oils/sludges (petroleum based) | | | |
| Waste Class: | | 145 I | | | |
| Waste Class Name: | | Wastes from the use of pigments, coatings and paints | | | |
| Waste Class: | | 146 T | | | |
| Waste Class Name: | | Other specified inorganic sludges, slurries or solids | | | |
| 50 | 5 of 6 | SW/209.9 | 118.8 / 7.26 | Hydro Ottawa 201 Dibblee Road Ottawa ON K2R 1J2 | GEN |
| Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: | | ON5031759 As of Nov 2021 Canada Registered | | | |
| <u>Detail(s)</u> | | | | | |
| Waste Class: | | 331 I | | | |
| Waste Class Name: | | Waste compressed gases including cylinders | | | |
| Waste Class: | | 251 L | | | |
| Waste Class Name: | | Waste oils/sludges (petroleum based) | | | |
| Waste Class: | | 145 I | | | |
| Waste Class Name: | | Wastes from the use of pigments, coatings and paints | | | |
| Waste Class: | | 121 C | | | |
| Waste Class Name: | | Alkaline slutions - containing heavy metals | | | |
| Waste Class: | | 146 T | | | |
| Waste Class Name: | | Other specified inorganic sludges, slurries or solids | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------|-------------------|--------------------------------|------------------|---|-----|
| 50 | 6 of 6 | SW/209.9 | 118.8 / 7.26 | Hydro Ottawa 201 Dibblee Road Ottawa ON K2R 1J2 | GEN |
| Generator No: | | ON5031759 | | | |
| SIC Code: | | | | | |
| SIC Description: | | | | | |
| Approval Years: | | As of Oct 2022 | | | |
| PO Box No: | | | | | |
| Country: | | Canada | | | |
| Status: | | Registered | | | |
| Co Admin: | | | | | |
| Choice of Contact: | | | | | |
| Phone No Admin: | | | | | |
| Contaminated Facility: | | | | | |
| MHSW Facility: | | | | | |
| <u>Detail(s)</u> | | | | | |
| Waste Class: | | 146 T | | | |
| Waste Class Name: | | OTHER SPECIFIED INORGANICS | | | |
| Waste Class: | | 121 C | | | |
| Waste Class Name: | | ALKALINE WASTES - HEAVY METALS | | | |
| Waste Class: | | 331 I | | | |
| Waste Class Name: | | WASTE COMPRESSED GASES | | | |
| Waste Class: | | 251 L | | | |
| Waste Class Name: | | OIL SKIMMINGS & SLUDGES | | | |
| Waste Class: | | 145 I | | | |
| Waste Class Name: | | PAINT/PIGMENT/COATING RESIDUES | | | |

| | | | | | |
|----------------------------|--------|---|--------------|---|------|
| 51 | 1 of 3 | SSW/210.5 | 119.9 / 8.38 | 200 DIBBLE RD lot 21 con 4 NEPEAN ON | WWIS |
| Well ID: | | 7167913 | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | | Domestic | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | |
| Final Well Status: | | Water Supply | | Date Received: 08/30/2011 | |
| Water Type: | | | | Selected Flag: TRUE | |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | | Z119899 | | Contractor: 1119 | |
| Tag: | | A113203 | | Form Version: 7 | |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: OTTAWA-CARLETON | |
| Elevatn Reliabilty: | | | | Lot: 021 | |
| Depth to Bedrock: | | | | Concession: 04 | |
| Well Depth: | | | | Concession Name: RF | |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | | | | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/7167167913.pdf | | | |

Additional Detail(s) (Map)

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-----------------------------|-------------------|----------------------------|------------------|------|----|
| Well Completed Date: | | 05/19/2011 | | | |
| Year Completed: | | 2011 | | | |
| Depth (m): | | 188.976 | | | |
| Latitude: | | 45.2742414420237 | | | |
| Longitude: | | -75.8011000456145 | | | |
| X: | | -75.8010998851162 | | | |
| Y: | | 45.274241435056354 | | | |
| Path: | | 716\7167913.pdf | | | |

Bore Hole Information

| | | | |
|-------------------------------------|----------------------|-------------------------|-----------------------------|
| Bore Hole ID: | 1003556802 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437163.00 |
| Code OB Desc: | | North83: | 5013728.00 |
| Open Hole: | | Org CS: | UTM83 |
| Cluster Kind: | | UTMRC: | 3 |
| Date Completed: | 05/19/2011 | UTMRC Desc: | margin of error : 10 - 30 m |
| Remarks: | | Location Method: | wwr |
| Location Method Desc: | on Water Well Record | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|------------|
| Formation ID: | 1003966515 |
| Layer: | 2 |
| Color: | 2 |
| General Color: | GREY |
| Material 1: | 15 |
| Material 1 Desc: | LIMESTONE |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 8.0 |
| Formation End Depth: | 148.0 |
| Formation End Depth UOM: | ft |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|------------|
| Formation ID: | 1003966517 |
| Layer: | 4 |
| Color: | 2 |
| General Color: | GREY |
| Material 1: | 15 |
| Material 1 Desc: | LIMESTONE |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 285.0 |
| Formation End Depth: | 525.0 |
| Formation End Depth UOM: | ft |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| Formation ID: | | | 1003966518 | | |
| Layer: | | | 5 | | |
| Color: | | | 2 | | |
| General Color: | | | GREY | | |
| Material 1: | | | 18 | | |
| Material 1 Desc: | | | SANDSTONE | | |
| Material 2: | | | 15 | | |
| Material 2 Desc: | | | LIMESTONE | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | | 525.0 | | |
| Formation End Depth: | | | 620.0 | | |
| Formation End Depth UOM: | | | ft | | |
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| Formation ID: | | | 1003966516 | | |
| Layer: | | | 3 | | |
| Color: | | | 8 | | |
| General Color: | | | BLACK | | |
| Material 1: | | | 17 | | |
| Material 1 Desc: | | | SHALE | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | | 148.0 | | |
| Formation End Depth: | | | 285.0 | | |
| Formation End Depth UOM: | | | ft | | |
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| Formation ID: | | | 1003966514 | | |
| Layer: | | | 1 | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | | 28 | | |
| Material 1 Desc: | | | SAND | | |
| Material 2: | | | 11 | | |
| Material 2 Desc: | | | GRAVEL | | |
| Material 3: | | | 26 | | |
| Material 3 Desc: | | | ROCK | | |
| Formation Top Depth: | | | 0.0 | | |
| Formation End Depth: | | | 8.0 | | |
| Formation End Depth UOM: | | | ft | | |
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| Plug ID: | | | 1003966552 | | |
| Layer: | | | 1 | | |
| Plug From: | | | 262.0 | | |
| Plug To: | | | 252.0 | | |
| 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: 1003966553
Layer: 2
Plug From: 252.0
Plug To: 0.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1003966551
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1003966512
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003966521
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -2.0
Depth To: 262.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 1003966522
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 262.0
Depth To: 620.0
Casing Diameter: 51.3125
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1003966523
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Results of Well Yield Testing

Pumping Test Method Desc:

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Pump Test ID: | | 1003966513 | | | |
| Pump Set At: | | 300.0 | | | |
| Static Level: | | 50.0 | | | |
| Final Level After Pumping: | | 151.8000030517578 | | | |
| Recommended Pump Depth: | | | | | |
| Pumping Rate: | | 2.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 1.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 0 | | | |
| Water State After Test: | | | | | |
| Pumping Test Method: | | 0 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003966527 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 2 | | | |
| Test Level: | | 177.8000030517578 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003966541 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 174.1999969482422 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003966545 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 40 | | | |
| Test Level: | | 171.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003966546 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 50 | | | |
| Test Level: | | 133.60000610351562 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003966526 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 2 | | | |
| Test Level: | | 48.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003966537 | | | |
| Test Type: | | Recovery | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <i>Test Duration:</i> | | | 15 | | |
| <i>Test Level:</i> | | | 175.0 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1003966544 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 40 | | |
| <i>Test Level:</i> | | | 119.0999984741211 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1003966531 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 4 | | |
| <i>Test Level:</i> | | | 177.60000610351562 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1003966532 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 5 | | |
| <i>Test Level:</i> | | | 54.900001525878906 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1003966535 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 10 | | |
| <i>Test Level:</i> | | | 176.6999969482422 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1003966536 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 15 | | |
| <i>Test Level:</i> | | | 70.4000015258789 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1003966525 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 1 | | |
| <i>Test Level:</i> | | | 172.8000030517578 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1003966529 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 3 | | |
| <i>Test Level:</i> | | | 177.8000030517578 | | |
| <i>Test Level UOM:</i> | | | ft | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1003966538 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 20 | | |
| Test Level: | | | 79.5999984741211 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1003966540 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 25 | | |
| Test Level: | | | 94.0 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1003966547 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 50 | | |
| Test Level: | | | 179.60000610351562 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1003966548 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 60 | | |
| Test Level: | | | 151.8000030517578 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1003966539 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 20 | | |
| Test Level: | | | 174.39999389648438 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1003966549 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 60 | | |
| Test Level: | | | 169.39999389648438 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1003966528 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 3 | | |
| Test Level: | | | 49.20000076293945 | | |
| Test Level UOM: | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 1003966533 | | |

| <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> |
|--|--------------------------|--------------------------------|----------------------|-------------|-----------|
| Test Type: | | Recovery | | | |
| Test Duration: | | 5 | | | |
| Test Level: | | 177.60000610351562 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003966534 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 10 | | | |
| Test Level: | | 65.19999694824219 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003966542 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 107.80000305175781 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003966524 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 1 | | | |
| Test Level: | | 47.599998474121094 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003966530 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 4 | | | |
| Test Level: | | 51.70000076293945 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003966543 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 172.1999969482422 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 1003966520 | | | |
| Layer: | | | | | |
| Kind Code: | | | | | |
| Kind: | | | | | |
| Water Found Depth: | | | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Hole Diameter</u> | | | | | |
| Hole ID: | | 1003966519 | | | |
| Diameter: | | 5.9375 | | | |
| Depth From: | | 262.0 | | | |
| Depth To: | | 620.0 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--------------------|-------------------|----------------------------|------------------|------|----|
| Hole Depth UOM: | | ft | | | |
| Hole Diameter UOM: | | inch | | | |

[51](#) 2 of 3 SSW/210.5 119.9 / 8.38 200 DIBBLE RD lot 21 con 4 NEBEAN ON [WWIS](#)

| | | | |
|-----------------------------|-----------------|---------------------------|-----------------|
| Well ID: | 7169716 | Flowing (Y/N): | |
| Construction Date: | | Flow Rate: | |
| Use 1st: | | Data Entry Status: | |
| Use 2nd: | | Data Src: | |
| Final Well Status: | Other Status | Date Received: | 10/11/2011 |
| Water Type: | | Selected Flag: | TRUE |
| Casing Material: | | Abandonment Rec: | |
| Audit No: | Z119701 | Contractor: | 1119 |
| Tag: | A113203 | Form Version: | 7 |
| Constructn Method: | | Owner: | |
| Elevation (m): | | County: | OTTAWA-CARLETON |
| Elevatn Reliability: | | Lot: | 021 |
| Depth to Bedrock: | | Concession: | 04 |
| Well Depth: | | Concession Name: | RF |
| Overburden/Bedrock: | | Easting NAD83: | |
| Pump Rate: | | Northing NAD83: | |
| Static Water Level: | | Zone: | |
| Clear/Cloudy: | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | |
| Site Info: | PART 12 | | |

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7169716.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/30/2011
Year Completed: 2011
Depth (m): 225.552
Latitude: 45.2742414420237
Longitude: -75.8011000456145
X: -75.8010998851162
Y: 45.274241435056354
Path: 716\7169716.pdf

Bore Hole Information

| | | | |
|-------------------------------------|----------------------|-------------------------|-----------------------------|
| Bore Hole ID: | 1003577889 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437163.00 |
| Code OB Desc: | | North83: | 5013728.00 |
| Open Hole: | | Org CS: | UTM83 |
| Cluster Kind: | | UTMRC: | 3 |
| Date Completed: | 06/30/2011 | UTMRC Desc: | margin of error : 10 - 30 m |
| Remarks: | | Location Method: | wwr |
| Location Method Desc: | on Water Well Record | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--------------------------------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Formation ID: | | 1003989114 | | | |
| Layer: | | 3 | | | |
| Color: | | 7 | | | |
| General Color: | | RED | | | |
| Material 1: | | 21 | | | |
| Material 1 Desc: | | GRANITE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 654.0 | | | |
| Formation End Depth: | | 710.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 1003989115 | | | |
| Layer: | | 4 | | | |
| Color: | | 1 | | | |
| General Color: | | WHITE | | | |
| Material 1: | | 21 | | | |
| Material 1 Desc: | | GRANITE | | | |
| Material 2: | | 46 | | | |
| Material 2 Desc: | | QUARTZ | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 710.0 | | | |
| Formation End Depth: | | 740.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 1003989112 | | | |
| Layer: | | 1 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | | | | |
| Material 1 Desc: | | | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 620.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 1003989113 | | | |
| Layer: | | 2 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 18 | | | |
| Material 1 Desc: | | SANDSTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 620.0 | | | |
| Formation End Depth: | | 654.0 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Formation End Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 1003989146 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 1003989110 | | | |
| Casing No: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 1003989118 | | | |
| Layer: | | | | | |
| Material: | | | | | |
| Open Hole or Material: | | | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Screen</u> | | | | | |
| Screen ID: | | 1003989119 | | | |
| Layer: | | | | | |
| Slot: | | | | | |
| Screen Top Depth: | | | | | |
| Screen End Depth: | | | | | |
| Screen Material: | | | | | |
| Screen Depth UOM: | | ft | | | |
| Screen Diameter UOM: | | inch | | | |
| Screen Diameter: | | | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | | | | |
| Pump Test ID: | | 1003989111 | | | |
| Pump Set At: | | 300.0 | | | |
| Static Level: | | 51.33300018310547 | | | |
| Final Level After Pumping: | | 141.60000610351562 | | | |
| Recommended Pump Depth: | | | | | |
| Pumping Rate: | | 2.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 1.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 0 | | | |
| Water State After Test: | | | | | |
| Pumping Test Method: | | 0 | | | |
| Pumping Duration HR: | | 2 | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989140 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 40 | | | |
| Test Level: | | 168.33299255371094 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989123 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 2 | | | |
| Test Level: | | 210.16700744628906 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989131 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 10 | | | |
| Test Level: | | 192.66700744628906 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989137 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 178.25 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989122 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 2 | | | |
| Test Level: | | 64.16699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989132 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 116.16699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989138 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 155.25 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989139 | | | |
| Test Type: | | Recovery | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <i>Test Duration:</i> | | | 30 | | |
| <i>Test Level:</i> | | | 168.5 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1003989145 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 60 | | |
| <i>Test Level:</i> | | | 151.58299255371094 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1003989126 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 4 | | |
| <i>Test Level:</i> | | | 75.5 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1003989128 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 5 | | |
| <i>Test Level:</i> | | | 82.66699981689453 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1003989134 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 20 | | |
| <i>Test Level:</i> | | | 126.66699981689453 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1003989121 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 1 | | |
| <i>Test Level:</i> | | | 212.66700744628906 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1003989129 | | |
| <i>Test Type:</i> | | | Recovery | | |
| <i>Test Duration:</i> | | | 5 | | |
| <i>Test Level:</i> | | | 201.08299255371094 | | |
| <i>Test Level UOM:</i> | | | ft | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | | 1003989130 | | |
| <i>Test Type:</i> | | | Draw Down | | |
| <i>Test Duration:</i> | | | 10 | | |
| <i>Test Level:</i> | | | 110.16699981689453 | | |
| <i>Test Level UOM:</i> | | | ft | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989135 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 20 | | | |
| Test Level: | | 180.5 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989141 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 40 | | | |
| Test Level: | | 165.16700744628906 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989120 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 1 | | | |
| Test Level: | | 51.33300018310547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989124 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 3 | | | |
| Test Level: | | 68.66699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989133 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 185.75 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989136 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 141.5 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989143 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 50 | | | |
| Test Level: | | 159.66700744628906 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989125 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|---|------|
| Test Type: | | Recovery | | | |
| Test Duration: | | 3 | | | |
| Test Level: | | 207.5 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989127 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 4 | | | |
| Test Level: | | 204.33299255371094 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989142 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 50 | | | |
| Test Level: | | 174.5 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1003989144 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 186.58299255371094 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 1003989117 | | | |
| Layer: | | | | | |
| Kind Code: | | | | | |
| Kind: | | | | | |
| Water Found Depth: | | | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Hole Diameter</u> | | | | | |
| Hole ID: | | 1003989116 | | | |
| Diameter: | | 5.75 | | | |
| Depth From: | | 620.0 | | | |
| Depth To: | | 740.0 | | | |
| Hole Depth UOM: | | ft | | | |
| Hole Diameter UOM: | | inch | | | |
| 51 | 3 of 3 | SSW/210.5 | 119.9 / 8.38 | 200 DIBBLE ROAD lot 21 con 4 NEPEAN ON | WWIS |
| Well ID: | | 7256766 | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | | | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | |
| Final Well Status: | | 0 | | Date Received: 01/21/2016 | |
| Water Type: | | | | Selected Flag: TRUE | |
| Casing Material: | | | | Abandonment Rec: Yes | |
| Audit No: | | Z202688 | | Contractor: 1119 | |
| Tag: | | | | Form Version: 7 | |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: OTTAWA-CARLETON | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-----------------------------|-------------------|---|------------------|-------------------------|-----|
| Elevatn Reliability: | | | | Lot: | 021 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | PORT #12 | | | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/725\7256766.pdf | | | |

Additional Detail(s) (Map)

Well Completed Date: 12/23/2015
Year Completed: 2015
Depth (m):
Latitude: 45.2742414420237
Longitude: -75.8011000456145
X: -75.8010998851162
Y: 45.274241435056354
Path: 725\7256766.pdf

Bore Hole Information

| | | | |
|-------------------------------------|----------------------|-------------------------|--------------------------------|
| Bore Hole ID: | 1005873592 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437163.00 |
| Code OB Desc: | | North83: | 5013728.00 |
| Open Hole: | | Org CS: | UTM83 |
| Cluster Kind: | | UTMRC: | 4 |
| Date Completed: | 12/23/2015 | UTMRC Desc: | margin of error : 30 m - 100 m |
| Remarks: | | Location Method: | wwr |
| Location Method Desc: | on Water Well Record | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1005985247
Layer: 2
Plug From: 4.0
Plug To: 0.0
Plug Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1005985246
Layer: 1
Plug From: 740.0
Plug To: 4.0
Plug Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Plug ID: | | 1005985245 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 0.0 | | | |
| Plug To: | | 740.0 | | | |
| Plug Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 1005985244 | | | |
| Method Construction Code: | | | | | |
| Method Construction: | | | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 1005985238 | | | |
| Casing No: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 1005985242 | | | |
| Layer: | | | | | |
| Material: | | | | | |
| Open Hole or Material: | | | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Screen</u> | | | | | |
| Screen ID: | | 1005985243 | | | |
| Layer: | | | | | |
| Slot: | | | | | |
| Screen Top Depth: | | | | | |
| Screen End Depth: | | | | | |
| Screen Material: | | | | | |
| Screen Depth UOM: | | ft | | | |
| Screen Diameter UOM: | | inch | | | |
| Screen Diameter: | | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 1005985241 | | | |
| Layer: | | | | | |
| Kind Code: | | | | | |
| Kind: | | | | | |
| Water Found Depth: | | | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Hole Diameter</u> | | | | | |
| Hole ID: | | 1005985240 | | | |
| Diameter: | | | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---------------------------|-------------------|----------------------------|------------------|------|----|
| Hole Depth UOM: | | ft | | | |
| Hole Diameter UOM: | | inch | | | |

52 1 of 1 **SSE/218.6** **109.6 / -1.92** **ON** **BORE**

| | | | |
|----------------------------|---------------------------------------|---------------------------|------------------|
| Borehole ID: | 848525 | Inclin FLG: | No |
| OGF ID: | 215590146 | SP Status: | Initial Entry |
| Status: | Decommissioned | Surv Elev: | No |
| Type: | Borehole | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | Primary Name: | |
| Completion Date: | 10-APR-1991 | Municipality: | |
| Static Water Level: | | Lot: | LOT 20 |
| Primary Water Use: | | Township: | NEPEAN |
| Sec. Water Use: | | Latitude DD: | 45.270911 |
| Total Depth m: | 7.6 | Longitude DD: | -75.793366 |
| Depth Ref: | Ground Surface | UTM Zone: | 18 |
| Depth Elev: | | Easting: | 437766 |
| Drill Method: | Hollow stem auger | Northing: | 5013352 |
| Orig Ground Elev m: | 106 | Location Accuracy: | |
| Elev Reliabil Note: | | Accuracy: | Within 20 metres |
| DEM Ground Elev m: | 105 | | |
| Concession: | CON 4 | | |
| Location D: | | | |
| Survey D: | | | |
| Comments: | | | |

Borehole Geology Stratum

| | | | |
|----------------------------------|--|----------------------------|---------|
| Geology Stratum ID: | 6561284 | Mat Consistency: | Dense |
| Top Depth: | .6 | Material Moisture: | |
| Bottom Depth: | 7.6 | Material Texture: | |
| Material Color: | Brown | Non Geo Mat Type: | |
| Material 1: | Till | Geologic Formation: | |
| Material 2: | Sand | Geologic Group: | |
| Material 3: | Silt | Geologic Period: | |
| Material 4: | Gravel | Depositional Gen: | glacial |
| Gsc Material Description: | | | |
| Stratum Description: | BROWN TO GREYISH BROWN, HETEROGENEOUS MIXTURE OF SILTY SAND, SOME GRAVEL, TRACE OF CLAY, CONTAINS OCCASIONAL COBBLES AND BOULDERS, DENSE TO VERY DENSE (GLACIAL TILL) **Note: Many records provided by the department have a truncated [Stratum Description] field. | | |

| | | | |
|----------------------------------|--|----------------------------|--|
| Geology Stratum ID: | 6561283 | Mat Consistency: | |
| Top Depth: | 0 | Material Moisture: | |
| Bottom Depth: | .6 | Material Texture: | |
| Material Color: | Brown | Non Geo Mat Type: | |
| Material 1: | Topsoil | Geologic Formation: | |
| Material 2: | sand silt | Geologic Group: | |
| Material 3: | Dark-Coloured | Geologic Period: | |
| Material 4: | | Depositional Gen: | |
| Gsc Material Description: | | | |
| Stratum Description: | SANDY SILT (TOPSOIL), DARK GREYISH BROWN **Note: Many records provided by the department have a truncated [Stratum Description] field. | | |

53 1 of 5 **SSW/223.8** **120.9 / 9.31** **200 Dibblee Rd.
Ottawa ON** **EHS**

| | | | |
|----------------------------|---------------|------------------------------|--------------------|
| Order No: | 20090827011 | Nearest Intersection: | Dibblee and Moodie |
| Status: | C | Municipality: | Ottawa |
| Report Type: | Custom Report | Client Prov/State: | ON |
| Report Date: | 8/28/2009 | Search Radius (km): | 0.25 |
| Date Received: | 8/27/2009 | X: | -75.80041 |
| Previous Site Name: | | Y: | 45.273114 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---------------------------------------|---|--|------------------|--|------------|
| Lot/Building Size: 16.24 acres | | | | | |
| Additional Info Ordered: | | Fire Insur. Maps and/or Sire Plans; Title Searches; City Directory | | | |
| 53 | 2 of 5 | SSW/223.8 | 120.9 / 9.31 | 200 Dibblee Road Ottawa ON | EHS |
| Order No: | 20110921028 | | | Nearest Intersection: | |
| Status: | C | | | Municipality: | |
| Report Type: | Standard Report | | | Client Prov/State: | ON |
| Report Date: | 9/30/2011 | | | Search Radius (km): | 0.25 |
| Date Received: | 9/21/2011 1:48:51 PM | | | X: | -75.800431 |
| Previous Site Name: | | | | Y: | 45.272937 |
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | Fire Insur. Maps and/or Site Plans; Aerial Photos | | | | |
| 53 | 3 of 5 | SSW/223.8 | 120.9 / 9.31 | SSSS Dilawri Holdings Inc. 200 Dibblee Rd Ottawa ON K2E 1A5 | ECA |
| Approval No: | 0532-AEHHLM | | | MOE District: | Ottawa |
| Approval Date: | 2016-10-18 | | | City: | |
| Status: | Approved | | | Longitude: | -75.80351 |
| Record Type: | ECA | | | Latitude: | 45.273174 |
| Link Source: | IDS | | | Geometry X: | |
| SWP Area Name: | Rideau Valley | | | Geometry Y: | |
| Approval Type: | ECA-INDUSTRIAL SEWAGE WORKS | | | | |
| Project Type: | INDUSTRIAL SEWAGE WORKS | | | | |
| Business Name: | SSSS Dilawri Holdings Inc. | | | | |
| Address: | 200 Dibblee Rd | | | | |
| Full Address: | | | | | |
| Full PDF Link: | https://www.accessenvironment.ene.gov.on.ca/instruments/0702-A77QP3-14.pdf | | | | |
| PDF Site Location: | | | | | |
| 53 | 4 of 5 | SSW/223.8 | 120.9 / 9.31 | 200 Dibblee Inc. 200 Dibblee Rd Ottawa ON K1T 3V7 | ECA |
| Approval No: | 0003-9NS23J | | | MOE District: | Ottawa |
| Approval Date: | 2014-10-31 | | | City: | |
| Status: | Revoked and/or Replaced | | | Longitude: | -75.80351 |
| Record Type: | ECA | | | Latitude: | 45.273174 |
| Link Source: | IDS | | | Geometry X: | |
| SWP Area Name: | Rideau Valley | | | Geometry Y: | |
| Approval Type: | ECA-INDUSTRIAL SEWAGE WORKS | | | | |
| Project Type: | INDUSTRIAL SEWAGE WORKS | | | | |
| Business Name: | 200 Dibblee Inc. | | | | |
| Address: | 200 Dibblee Rd | | | | |
| Full Address: | | | | | |
| Full PDF Link: | https://www.accessenvironment.ene.gov.on.ca/instruments/1016-9FZM8V-14.pdf | | | | |
| PDF Site Location: | | | | | |
| 53 | 5 of 5 | SSW/223.8 | 120.9 / 9.31 | Hydro Ottawa Limited/ Hydro Ottawa Limitee 200 Dibblee Road - At a newly developed Hydro Ottawa maintenance and operations facility. CITY OF OTTAWA ON | EBR |
| EBR Registry No: | 013-1751 | | | Decision Posted: | |
| Ministry Ref No: | MNRF INST 67/17 | | | Exception Posted: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-----------------------------|---|----------------------------|------------------|---------------------------|----|
| Notice Type: | Instrument Proposal | | | Section: | |
| Notice Stage: | | | | Act 1: | |
| Notice Date: | November 15, 2017 | | | Act 2: | |
| Proposal Date: | November 15, 2017 | | | Site Location Map: | |
| Year: | 2017 | | | | |
| Instrument Type: | (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species | | | | |
| Off Instrument Name: | | | | | |
| Posted By: | | | | | |
| Company Name: | Hydro Ottawa Limited/ Hydro Ottawa Limitée | | | | |
| Site Address: | | | | | |
| Location Other: | | | | | |
| Proponent Name: | | | | | |
| Proponent Address: | 3025 Albion Road, Ottawa Ontario, Canada K1V 9V9 | | | | |
| Comment Period: | | | | | |
| URL: | | | | | |

Site Location Details:

200 Dibblee Road - At a newly developed Hydro Ottawa maintenance and operations facility. CITY OF OTTAWA

| 54 | 1 of 1 | S/229.9 | 114.6 / 3.00 | ON | BORE |
|----------------------------|---------------------------------------|---------|--------------|---------------------------|------------------|
| Borehole ID: | 848526 | | | Inclin FLG: | No |
| OGF ID: | 215590147 | | | SP Status: | Initial Entry |
| Status: | Decommissioned | | | Surv Elev: | No |
| Type: | Borehole | | | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | | | Primary Name: | |
| Completion Date: | 10-APR-1991 | | | Municipality: | |
| Static Water Level: | | | | Lot: | LOT 20 |
| Primary Water Use: | | | | Township: | NEPEAN |
| Sec. Water Use: | | | | Latitude DD: | 45.270292 |
| Total Depth m: | 3.3 | | | Longitude DD: | -75.796927 |
| Depth Ref: | Ground Surface | | | UTM Zone: | 18 |
| Depth Elev: | | | | Easting: | 437486 |
| Drill Method: | Hollow stem auger | | | Northing: | 5013286 |
| Orig Ground Elev m: | 112 | | | Location Accuracy: | |
| Elev Reliabil Note: | | | | Accuracy: | Within 20 metres |
| DEM Ground Elev m: | 113 | | | | |
| Concession: | CON 4 | | | | |
| Location D: | | | | | |
| Survey D: | | | | | |
| Comments: | | | | | |

Borehole Geology Stratum

| | | | | | |
|----------------------------------|---|--|--|----------------------------|------------|
| Geology Stratum ID: | 6561285 | | | Mat Consistency: | |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | .6 | | | Material Texture: | |
| Material Color: | Brown | | | Non Geo Mat Type: | |
| Material 1: | Topsoil | | | Geologic Formation: | |
| Material 2: | Dark-Coloured | | | Geologic Group: | |
| Material 3: | | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | TOPSOIL, DARK BROWN **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6561286 | | | Mat Consistency: | Very Dense |
| Top Depth: | .6 | | | Material Moisture: | |
| Bottom Depth: | 3.3 | | | Material Texture: | |
| Material Color: | Grey-Brown | | | Non Geo Mat Type: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|----------------------------|------------------|--|-----|
| Material 1: Till Material 2: Sand Material 3: Silt Material 4: Gravel Gsc Material Description: Stratum Description: GREYISH BROWN, HETEROGENEOUS MIXTURE OF SILTY SAND, SOME GRAVEL, TRACE OF CLAY, COMPACT TO DENSE, VERY DENSE (GLACIAL TILL), GRAVELLY **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | | |
| 55 | 1 of 6 | W/233.2 | 118.9 / 7.34 | 995-999 Moodie Drive Ottawa (Nepean) ON K2R 1H4 | EHS |
| Order No: 20051201016 Status: C Report Type: Complete Report Report Date: 12/12/2005 Date Received: 12/1/2005 Previous Site Name: Lot/Building Size: Additional Info Ordered: | | | | | |
| Nearest Intersection: Fallowfield and Moodie Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.806584 Y: 45.276566 | | | | | |
| 55 | 2 of 6 | W/233.2 | 118.9 / 7.34 | DBL Container Services Ltd. 995 Moody Dr Ottawa ON | CA |
| Certificate #: 0659-7X9SC7 Application Year: 2009 Issue Date: 11/2/2009 Approval Type: Waste Management Systems Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: | | | | | |
| 55 | 3 of 6 | W/233.2 | 118.9 / 7.34 | Capital Junk Inc. 995 Moodie Dr Ottawa ON | CA |
| Certificate #: 3255-7T5KL2 Application Year: 2009 Issue Date: 6/19/2009 Approval Type: Waste Management Systems Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: | | | | | |
| 55 | 4 of 6 | W/233.2 | 118.9 / 7.34 | Capital Junk Inc. 995 Moodie Dr Ottawa ON K2J 0A9 | ECA |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|---|-----|
| <p>Approval No: 3255-7T5KL2 MOE District: Ottawa Approval Date: 2009-06-19 City: Status: Approved Longitude: -75.7307 Record Type: ECA Latitude: 45.269726 Link Source: IDS Geometry X: SWP Area Name: Rideau Valley Geometry Y: Approval Type: ECA-WASTE MANAGEMENT SYSTEMS Project Type: WASTE MANAGEMENT SYSTEMS Business Name: Capital Junk Inc. Address: 995 Moodie Dr Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0852-7SMPF3-14.pdf PDF Site Location:</p> | | | | | |
| 55 | 5 of 6 | W/233.2 | 118.9 / 7.34 | DBL Container Services Ltd. 995 Moody Dr Ottawa ON K0G 1J0 | ECA |
| <p>Approval No: 0659-7X9SC7 MOE District: Ottawa Approval Date: 2009-11-02 City: Status: Approved Longitude: -75.80784 Record Type: ECA Latitude: 45.278137 Link Source: IDS Geometry X: SWP Area Name: Rideau Valley Geometry Y: Approval Type: ECA-WASTE MANAGEMENT SYSTEMS Project Type: WASTE MANAGEMENT SYSTEMS Business Name: DBL Container Services Ltd. Address: 995 Moody Dr Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1081-7X9JHW-14.pdf PDF Site Location:</p> | | | | | |
| 55 | 6 of 6 | W/233.2 | 118.9 / 7.34 | Dean Ryan'S Landscaping 995 Moodie Drive Nepean ON K2R 1H4 | GEN |
| <p>Generator No: ON9125866 SIC Code: 561730 SIC Description: LANDSCAPING SERVICES Approval Years: 2016 PO Box No: Country: Canada Status: Co Admin: Choice of Contact: CO_OFFICIAL Phone No Admin: Contaminated Facility: No MHSW Facility: No</p> <p>Detail(s)</p> <p>Waste Class: 252 Waste Class Name: WASTE OILS & LUBRICANTS</p> | | | | | |
| 56 | 1 of 1 | SSW/241.5 | 120.9 / 9.31 | The Warren Paving & Materials Group Limited, a sub. of Lafarge Canada Inc. ON | AGR |
| ID: | 4051 | | | Effective Date: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB | |
|--|---------------------------------------|-------------------------|---------------|---|---|----|
| Current Status: Authority Type: Section: Location Name: Address Line 1: Address Line 2: Address City: Address Pcode: Geographc Township: District: Auth Type Desc: Operation Type: Unlimited Tonnage: Status Date: Upper Tier Munici: Lower Tier Munici: Source Detail: Geometry: Source: | SURRENDERED Ottawa West Quarry | W/242.2 | 117.9 / 6.31 | Licenced Area (ha): Extraction Area: OGF ID: Max Tonnage: Water Status: District Name: Location Accuracy: Geom Updt Datetime: Effective Datetime: System Datetime: Refreshed Datetime: Max Annual Tonnage: X: Y: | 6.600000000000001 67240652 99999999 Information Not Available Within 10 metres 17-Apr-2006 25-Apr-2006 -75.8004206593718 45.27293469421 | DB |

[57](#) 1 of 9 W/242.2 117.9 / 6.31 **Primo Developments Inc.** **985 Moodie Dr S** **Ottawa ON K2R 1H4** **ECA**

Approval No: 5011-94WQDW
Approval Date: 2013-03-25
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Primo Developments Inc.
Address: 985 Moodie Dr S
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/0790-929TKK-14.pdf>
PDF Site Location:

[57](#) 2 of 9 W/242.2 117.9 / 6.31 **FedEx Ground Ltd.** **985 Moodie Drive** **Nepean ON** **GEN**

Generator No: ON8460962
SIC Code: 493190
SIC Description: OTHER WAREHOUSING AND STORAGE
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|------------------------------|-------------------|--|---------------|---|------|
| 57 | 3 of 9 | W/242.2 | 117.9 / 6.31 | PIPELINE HIT 1" 985 MODDIE DRIVE,,OTTAWA,ON,K2H 8G3,CA ON | PINC |
| Incident Id: | | | | Pipe Material: | |
| Incident No: | | 1098690 | | Fuel Category: | |
| Incident Reported Dt: | | 5/14/2013 | | Health Impact: | |
| Type: | | FS-Pipeline Incident | | Environment Impact: | |
| Status Code: | | | | Property Damage: | |
| Tank Status: | | Pipeline Damage Reason Est | | Service Interrupt: | |
| Task No: | | | | Enforce Policy: | |
| Spills Action Centre: | | | | Public Relation: | |
| Fuel Type: | | | | Pipeline System: | |
| Fuel Occurrence Tp: | | | | PSIG: | |
| Date of Occurrence: | | | | Attribute Category: | |
| Occurrence Start Dt: | | | | Regulator Location: | |
| Depth: | | | | Method Details: | |
| Customer Acct Name: | | PIPELINE HIT 1" | | | |
| Incident Address: | | 985 MODDIE DRIVE,,OTTAWA,ON,K2H 8G3,CA | | | |
| Operation Type: | | | | | |
| Pipeline Type: | | | | | |
| Regulator Type: | | | | | |
| Summary: | | | | | |
| Reported By: | | | | | |
| Affiliation: | | | | | |
| Occurrence Desc: | | | | | |
| Damage Reason: | | | | | |
| Notes: | | | | | |

| | | | | | |
|-------------------------------|--------|-------------------------------|--------------|---|-----|
| 57 | 4 of 9 | W/242.2 | 117.9 / 6.31 | FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4 | GEN |
| Generator No: | | ON8460962 | | | |
| SIC Code: | | 493190 | | | |
| SIC Description: | | OTHER WAREHOUSING AND STORAGE | | | |
| Approval Years: | | 2016 | | | |
| PO Box No: | | | | | |
| Country: | | Canada | | | |
| Status: | | | | | |
| Co Admin: | | Jason Webster | | | |
| Choice of Contact: | | CO_ADMIN | | | |
| Phone No Admin: | | 613-820-0817 Ext. | | | |
| Contaminated Facility: | | No | | | |
| MHSW Facility: | | No | | | |
| Detail(s) | | | | | |
| Waste Class: | | 251 | | | |
| Waste Class Name: | | OIL SKIMMINGS & SLUDGES | | | |
| Waste Class: | | 263 | | | |
| Waste Class Name: | | ORGANIC LABORATORY CHEMICALS | | | |

| | | | | | |
|-------------------------|--------|-------------------------------|--------------|---|-----|
| 57 | 5 of 9 | W/242.2 | 117.9 / 6.31 | FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4 | GEN |
| Generator No: | | ON8460962 | | | |
| SIC Code: | | 493190 | | | |
| SIC Description: | | OTHER WAREHOUSING AND STORAGE | | | |
| Approval Years: | | 2015 | | | |
| PO Box No: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|--|------------------|---|-----|
| Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: | | Canada Jason Webster CO_ADMIN 613-820-0817 Ext. No No | | | |
| Detail(s) | | | | | |
| Waste Class: Waste Class Name: | | 251 OIL SKIMMINGS & SLUDGES | | | |
| 57 | 6 of 9 | W/242.2 | 117.9 / 6.31 | FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4 | GEN |
| Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: | | ON8460962 493190 OTHER WAREHOUSING AND STORAGE 2014 Canada Jason Webster CO_ADMIN 613-820-0817 Ext. No No | | | |
| Detail(s) | | | | | |
| Waste Class: Waste Class Name: | | 251 OIL SKIMMINGS & SLUDGES | | | |
| 57 | 7 of 9 | W/242.2 | 117.9 / 6.31 | FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4 | GEN |
| Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: | | ON8460962 As of Dec 2018 Canada Registered | | | |
| Detail(s) | | | | | |
| Waste Class: Waste Class Name: | | 148 C Misc. wastes and inorganic chemicals | | | |
| Waste Class: Waste Class Name: | | 148 L Misc. wastes and inorganic chemicals | | | |
| Waste Class: Waste Class Name: | | 251 L Waste oils/sludges (petroleum based) | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------|-------------------|--------------------------------------|------------------|--|------------|
| Waste Class: | | 263 I | | | |
| Waste Class Name: | | Misc. waste organic chemicals | | | |
| Waste Class: | | 263 L | | | |
| Waste Class Name: | | Misc. waste organic chemicals | | | |
| 57 | 8 of 9 | W/242.2 | 117.9 / 6.31 | FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4 | GEN |
| Generator No: | | ON8460962 | | | |
| SIC Code: | | | | | |
| SIC Description: | | | | | |
| Approval Years: | | As of Jul 2020 | | | |
| PO Box No: | | | | | |
| Country: | | Canada | | | |
| Status: | | Registered | | | |
| Co Admin: | | | | | |
| Choice of Contact: | | | | | |
| Phone No Admin: | | | | | |
| Contaminated Facility: | | | | | |
| MHSW Facility: | | | | | |
| <u>Detail(s)</u> | | | | | |
| Waste Class: | | 263 L | | | |
| Waste Class Name: | | Misc. waste organic chemicals | | | |
| Waste Class: | | 251 L | | | |
| Waste Class Name: | | Waste oils/sludges (petroleum based) | | | |
| Waste Class: | | 148 C | | | |
| Waste Class Name: | | Misc. wastes and inorganic chemicals | | | |
| Waste Class: | | 263 I | | | |
| Waste Class Name: | | Misc. waste organic chemicals | | | |
| Waste Class: | | 148 L | | | |
| Waste Class Name: | | Misc. wastes and inorganic chemicals | | | |
| 57 | 9 of 9 | W/242.2 | 117.9 / 6.31 | FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4 | GEN |
| Generator No: | | ON8460962 | | | |
| SIC Code: | | | | | |
| SIC Description: | | | | | |
| Approval Years: | | As of Nov 2021 | | | |
| PO Box No: | | | | | |
| Country: | | Canada | | | |
| Status: | | Registered | | | |
| Co Admin: | | | | | |
| Choice of Contact: | | | | | |
| Phone No Admin: | | | | | |
| Contaminated Facility: | | | | | |
| MHSW Facility: | | | | | |
| <u>Detail(s)</u> | | | | | |
| Waste Class: | | 251 L | | | |
| Waste Class Name: | | Waste oils/sludges (petroleum based) | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|--------------------------------------|------------------|------|----|
| Waste Class: Waste Class Name: | | 148 C | | | |
| | | Misc. wastes and inorganic chemicals | | | |
| Waste Class: Waste Class Name: | | 263 I | | | |
| | | Misc. waste organic chemicals | | | |
| Waste Class: Waste Class Name: | | 148 L | | | |
| | | Misc. wastes and inorganic chemicals | | | |
| Waste Class: Waste Class Name: | | 263 L | | | |
| | | Misc. waste organic chemicals | | | |

58 1 of 1 **SE/242.7** **105.5 / -6.02** **ON** **BORE**

| | | | |
|----------------------------|---------------------------------------|---------------------------|------------------|
| Borehole ID: | 848524 | Inclin FLG: | No |
| OGF ID: | 215590145 | SP Status: | Initial Entry |
| Status: | Decommissioned | Surv Elev: | No |
| Type: | Borehole | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | Primary Name: | |
| Completion Date: | 06-APR-1991 | Municipality: | |
| Static Water Level: | | Lot: | LOT 20 |
| Primary Water Use: | | Township: | NEPEAN |
| Sec. Water Use: | | Latitude DD: | 45.27107 |
| Total Depth m: | 9.3 | Longitude DD: | -75.792438 |
| Depth Ref: | Ground Surface | UTM Zone: | 18 |
| Depth Elev: | | Easting: | 437839 |
| Drill Method: | Hollow stem auger | Northing: | 5013369 |
| Orig Ground Elev m: | 102 | Location Accuracy: | |
| Elev Reliabil Note: | | Accuracy: | Within 20 metres |
| DEM Ground Elev m: | 103 | | |
| Concession: | CON 4 | | |
| Location D: | | | |
| Survey D: | | | |
| Comments: | | | |

Borehole Geology Stratum

| | | | |
|----------------------------------|--|----------------------------|------|
| Geology Stratum ID: | 6561279 | Mat Consistency: | Firm |
| Top Depth: | .5 | Material Moisture: | |
| Bottom Depth: | 2.1 | Material Texture: | |
| Material Color: | Brown | Non Geo Mat Type: | |
| Material 1: | Silt | Geologic Formation: | |
| Material 2: | Clay | Geologic Group: | |
| Material 3: | Sand | Geologic Period: | |
| Material 4: | Roots | Depositional Gen: | |
| Gsc Material Description: | | | |
| Stratum Description: | BROWN TO GREYISH BROWN, CLAYEY SILT, SOME SAND, CONTAINS TRACES OF ROOT FIBRES, FIRM TO STIFF, TILL-LIKE **Note: Many records provided by the department have a truncated [Stratum Description] field. | | |

| | | | |
|----------------------------------|--|----------------------------|---------|
| Geology Stratum ID: | 6561280 | Mat Consistency: | Compact |
| Top Depth: | 2.1 | Material Moisture: | |
| Bottom Depth: | 4.1 | Material Texture: | |
| Material Color: | Brown | Non Geo Mat Type: | |
| Material 1: | Sand | Geologic Formation: | |
| Material 2: | Silt | Geologic Group: | |
| Material 3: | Coarse Sand | Geologic Period: | |
| Material 4: | Coarse Gravel | Depositional Gen: | |
| Gsc Material Description: | | | |
| Stratum Description: | SILTY SAND TO COARSE SAND AND GRAVEL, COMPACT, LIGHT GREYISH BROWN, LIGHT TO DARK GREY **Note: Many records provided by the department have a truncated [Stratum Description] field. | | |

| | | | |
|----------------------------|---------|-------------------------|------------|
| Geology Stratum ID: | 6561281 | Mat Consistency: | Very Dense |
|----------------------------|---------|-------------------------|------------|

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------------|---|-------------------------|---------------|----------------------------|---------|
| Top Depth: | 4.1 | | | Material Moisture: | |
| Bottom Depth: | 6.2 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Till | | | Geologic Formation: | |
| Material 2: | Sand | | | Geologic Group: | |
| Material 3: | Silt | | | Geologic Period: | |
| Material 4: | Gravel | | | Depositional Gen: | glacial |
| Gsc Material Description: | | | | | |
| Stratum Description: | HETEROGENEOUS MIXTURE OF SILTY SAND, SOME GRAVEL, TRACE OF CLAY, VERY DENSE (GLACIAL TILL), NUMEROUS BOULDERS **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6561278 | | | Mat Consistency: | |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | .5 | | | Material Texture: | |
| Material Color: | Brown | | | Non Geo Mat Type: | |
| Material 1: | Topsoil | | | Geologic Formation: | |
| Material 2: | clay silt | | | Geologic Group: | |
| Material 3: | Dark-Coloured | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | CLAYEY SILT (TOPSOIL), DARK BROWN **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6561282 | | | Mat Consistency: | |
| Top Depth: | 6.2 | | | Material Moisture: | |
| Bottom Depth: | 9.3 | | | Material Texture: | |
| Material Color: | Grey | | | Non Geo Mat Type: | |
| Material 1: | Bedrock | | | Geologic Formation: | |
| Material 2: | Limestone | | | Geologic Group: | |
| Material 3: | Dolomite | | | Geologic Period: | |
| Material 4: | Silt | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | BEDROCK, LIMESTONE, LIGHT TO MEDIUM DARK GREY, DARK GREENISH GREY TO DARK GREY, SILTY DOLOSTONE **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |

[59](#)

1 of 1

NW/246.8

117.9 / 6.31

lot 24 con 4
ON

WWIS

| | | | |
|-----------------------------|---|---------------------------|-----------------|
| Well ID: | 1506104 | Flowing (Y/N): | |
| Construction Date: | | Flow Rate: | |
| Use 1st: | Industrial | Data Entry Status: | |
| Use 2nd: | 0 | Data Src: | 1 |
| Final Well Status: | Water Supply | Date Received: | 03/17/1964 |
| Water Type: | | Selected Flag: | TRUE |
| Casing Material: | | Abandonment Rec: | |
| Audit No: | | Contractor: | 1802 |
| Tag: | | Form Version: | 1 |
| Constructn Method: | | Owner: | |
| Elevation (m): | | County: | OTTAWA-CARLETON |
| Elevatn Reliability: | | Lot: | 024 |
| Depth to Bedrock: | | Concession: | 04 |
| Well Depth: | | Concession Name: | RF |
| Overburden/Bedrock: | | Easting NAD83: | |
| Pump Rate: | | Northing NAD83: | |
| Static Water Level: | | Zone: | |
| Clear/Cloudy: | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | |
| Site Info: | | | |
| PDF URL (Map): | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506104.pdf | | |

[Additional Detail\(s\) \(Map\)](#)

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-----------------------------|-------------------|----------------------------|------------------|------|----|
| Well Completed Date: | | 01/27/1964 | | | |
| Year Completed: | | 1964 | | | |
| Depth (m): | | 64.008 | | | |
| Latitude: | | 45.2855055837408 | | | |
| Longitude: | | -75.8044757577112 | | | |
| X: | | -75.80447559647506 | | | |
| Y: | | 45.2855055773608 | | | |
| Path: | | 150\1506104.pdf | | | |

Bore Hole Information

| | | | |
|-------------------------------------|--|-------------------------|---------------------------------|
| Bore Hole ID: | 10028147 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 436910.70 |
| Code OB Desc: | | North83: | 5014982.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 5 |
| Date Completed: | 01/27/1964 | UTMRC Desc: | margin of error : 100 m - 300 m |
| Remarks: | | Location Method: | p5 |
| Location Method Desc: | Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| Formation ID: | 931003798 |
| Layer: | 1 |
| Color: | 2 |
| General Color: | GREY |
| Material 1: | 15 |
| Material 1 Desc: | LIMESTONE |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 0.0 |
| Formation End Depth: | 140.0 |
| Formation End Depth UOM: | ft |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| Formation ID: | 931003799 |
| Layer: | 2 |
| Color: | |
| General Color: | |
| Material 1: | 18 |
| Material 1 Desc: | SANDSTONE |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 140.0 |
| Formation End Depth: | 210.0 |
| Formation End Depth UOM: | ft |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961506104 | | | |
| Method Construction Code: | | 7 | | | |
| Method Construction: | | Diamond | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10576717 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049041 | | | |
| Layer: | | 2 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 110.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049042 | | | |
| Layer: | | 3 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 210.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049040 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 100.0 | | | |
| Casing Diameter: | | 8.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991506104 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 4.0 | | | |
| Final Level After Pumping: | | 150.0 | | | |
| Recommended Pump Depth: | | 150.0 | | | |
| Pumping Rate: | | 40.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 40.0 | | | |

| 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: | | | 3 | | |
| Pumping Duration MIN: | | | 0 | | |
| Flowing: | | | No | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | | 933460187 | | |
| Layer: | | | 1 | | |
| Kind Code: | | | 1 | | |
| Kind: | | | FRESH | | |
| Water Found Depth: | | | 205.0 | | |
| Water Found Depth UOM: | | | ft | | |

60 1 of 1 **NW/246.8** **117.9 / 6.31** **ON** **BORE**

| | | | |
|----------------------------|----------------|---------------------------|----------------|
| Borehole ID: | 610570 | Inclin FLG: | No |
| OGF ID: | 215512083 | SP Status: | Initial Entry |
| Status: | | Surv Elev: | No |
| Type: | Borehole | Piezometer: | No |
| Use: | | Primary Name: | |
| Completion Date: | JAN-1964 | Municipality: | |
| Static Water Level: | 10.1 | Lot: | |
| Primary Water Use: | | Township: | |
| Sec. Water Use: | | Latitude DD: | 45.285506 |
| Total Depth m: | 64 | Longitude DD: | -75.804476 |
| Depth Ref: | Ground Surface | UTM Zone: | 18 |
| Depth Elev: | | Easting: | 436911 |
| Drill Method: | | Northing: | 5014982 |
| Orig Ground Elev m: | 115 | Location Accuracy: | |
| Elev Reliabil Note: | | Accuracy: | Not Applicable |
| DEM Ground Elev m: | 113 | | |
| Concession: | | | |
| Location D: | | | |
| Survey D: | | | |
| Comments: | | | |

Borehole Geology Stratum

| | | | |
|----------------------------------|--|----------------------------|--|
| Geology Stratum ID: | 218385906 | Mat Consistency: | |
| Top Depth: | 42.7 | Material Moisture: | |
| Bottom Depth: | 64 | Material Texture: | |
| Material Color: | | Non Geo Mat Type: | |
| Material 1: | Sandstone | Geologic Formation: | |
| Material 2: | | Geologic Group: | |
| Material 3: | | Geologic Period: | |
| Material 4: | | Depositional Gen: | |
| Gsc Material Description: | | | |
| Stratum Description: | SANDSTONE. 00205ER STABLE AT 347.0 FEET. 15500. BEDROCK. SEISMIC VELOCITY = 14000. | | |

| | | | |
|----------------------------|-----------|----------------------------|--|
| Geology Stratum ID: | 218385905 | Mat Consistency: | |
| Top Depth: | 0 | Material Moisture: | |
| Bottom Depth: | 42.7 | Material Texture: | |
| Material Color: | Grey | Non Geo Mat Type: | |
| Material 1: | Limestone | Geologic Formation: | |
| Material 2: | | Geologic Group: | |
| Material 3: | | Geologic Period: | |
| Material 4: | | Depositional Gen: | |

| <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> |
|----------------|--------------------------|--------------------------------|----------------------|-------------|-----------|
|----------------|--------------------------|--------------------------------|----------------------|-------------|-----------|

Gsc Material Description:
Stratum Description: LIMESTONE. GREY.

Source

| | | | |
|------------------------|--|----------------------|------------------------|
| Source Type: | Data Survey | Source Appl: | Spatial/Tabular |
| Source Orig: | Geological Survey of Canada | Source Iden: | 1 |
| Source Date: | 1956-1972 | Scale or Res: | Varies |
| Confidence: | | Horizontal: | NAD27 |
| Observatio: | | Verticalda: | Mean Average Sea Level |
| Source Name: | Urban Geology Automated Information System (UGAIS) | | |
| Source Details: | File: OTTAWA1.txt RecordID: 03078 NTS_Sheet: | | |
| Confiden 1: | | | |

Source List

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

Unplottable Summary

Total: **39** Unplottable sites

| DB | Company Name/Site Name | Address | City | Postal |
|------|------------------------------------|---|---|--------|
| AAGR | | Lot 24 Con 4 | Nepean ON | |
| CA | PUBLIC WORKS CANADA | FALLOWFIELD RD. | NEPEAN CITY ON | |
| CA | PETRO-CANADA PRODUCTS | FALLOWFIELD RD., BLK.113 (SWM) | NEPEAN CITY ON | |
| CA | TDL GROUP LIMITED | BLK. 114 FALLOWFIELD RD., SWM | NEPEAN ON | |
| CA | Dibblee Paving & Materials Limited | | Ottawa ON | |
| CA | Fallowfield Road and O'Keefe Court | Lots 20 and 21, Concession 4 | Ottawa ON | |
| CONV | Brandon James Amell | Highway 416 | Ottawa ON | |
| CONV | CEDARHILL GOLF ENTERPRISES INC | | ON | |
| DTNK | SUPERIOR PROPANE INC | FALLOWFIELD RD | NEPEAN ON | |
| DTNK | SUPERIOR PROPANE ATTN WARREN HAYES | FALLOWFIELD RD PRT LOT 20 4 RF | OTTAWA ON | |
| DTNK | SUPERIOR PROPANE INC | FALLOWFIELD RD | OTTAWA ON | |
| EBR | Regional Group of Companies Inc. | Lots 18-20, Concession 4, Geographic Township of Nepean East side of Highway 416, south of Fallowfield Road, west of Strandherd Drive. CITY OF OTTAWA | ON | |
| EHS | | Fallowfield Road | Ottawa (Former Township of Goulburn) ON | |
| PRT | I C G PROPANE INC | FALLOWFIELD RD PRT LOT 20 4 RF | OTTAWA ON | |
| PRT | SUPERIOR PROPANE | FALLOWFIELD RD | NEPEAN ON | |
| PTTW | Tarmac Canada Inc. | Lot 23 & 24, Concession 5 NEPEAN | ON | |

| | | | |
|------|--|--|----------------|
| PTTW | Courtyard Developments Incorporated | Lot 23, Concession 4 Ottawa | ON |
| PTTW | Findlay Creek Properties Ltd. and 1374537 Ontario Ltd. | Lots 19, 20, Concession 4 and Lot 20, Concession 5, Ottawa | ON |
| PTTW | Courtyard Developments Incorporated | Lot 23, Concession 4, Ottawa Ottawa | ON |
| SPL | PRIVATE OWNER | GENERAL WELDING, FALLOWFIELD RD. STITTSVILLE STORAGE TANK/BARREL | OTTAWA CITY ON |
| SPL | PUBLIC WORKS CANADA | AGRICULTURE CANADA FALLOWFIELD ROAD STORAGE TANK | NEPEAN CITY ON |
| SPL | Papier Masson Ltee<UNOFFICIAL> | Hwy 416 at Fallowfield Exit<UNOFFICIAL> | Ottawa ON |
| SPL | DEPARTMENT OF AGRICULTURE | ANIMAL DISEASE CONTROL CENTRE FALLOWFIELD ROAD | OTTAWA CITY ON |
| WWIS | | lot 20 con 4 | ON |
| WWIS | | lot 21 | ON |
| WWIS | | lot 21 | ON |
| WWIS | | lot 20 con 4 | ON |
| WWIS | | lot 22 | ON |
| WWIS | | lot 25 | ON |
| WWIS | | lot 25 | ON |
| WWIS | | lot 20 | ON |
| WWIS | | lot 25 | ON |
| WWIS | | lot 22 con 4 | ON |
| WWIS | | lot 24 | ON |
| WWIS | | FALLOWFIELD RD | OTTAWA ON |
| WWIS | | lot 20 con 4 | ON |
| WWIS | | HERON 1670 lot 20 | ON |
| WWIS | | lot 21 con 4 | ON |
| WWIS | | lot 21 con 4 | ON |

Unplottable Report

Site: Lot 24 Con 4 Nepean ON

Database:
AAGR

Type: Quarry
Region/County: Ottawa-Carleton
Township: Nepean
Concession: 4
Lot: 24
Size (ha): 9
Landuse:
Comments:

Site: PUBLIC WORKS CANADA
FALLOWFIELD RD. NEPEAN CITY ON

Database:
CA

Certificate #: 8-4023-88-
Application Year: 88
Issue Date: 9/12/1988
Approval Type: Industrial air
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: CHEMICAL STORAGE FAC.
Contaminants:
Emission Control:

Site: PETRO-CANADA PRODUCTS
FALLOWFIELD RD., BLK.113 (SWM) NEPEAN CITY ON

Database:
CA

Certificate #: 3-1223-94-
Application Year: 94
Issue Date: 10/5/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: TDL GROUP LIMITED
BLK. 114 FALLOWFIELD RD., SWM NEPEAN ON

Database:
CA

Certificate #: 3-0846-98-
Application Year: 98
Issue Date: 7/22/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:

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

Site: *Dibblee Paving & Materials Limited*
Ottawa ON

Database:
CA

Certificate #: 4973-5SJND9
Application Year: 2005
Issue Date: 5/17/2005
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Fallowfield Road and O'Keefe Court*
Lots 20 and 21, Concession 4 Ottawa ON

Database:
CA

Certificate #: 1308-4WQSW8
Application Year: 01
Issue Date: 5/18/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: Watermains to be constructed on Fallowfield Road and O'Keefe Court
Contaminants:
Emission Control:

Site: *Brandon James Amell*
Highway 416 Ottawa ON

Database:
CONV

File No:
Crown Brief No:
Court Location: Ottawa
Publication City:
Publication Title: Diesel Truck Owner fined \$500 for an Environmental Protection Act Violation
Act: Environmental Protection Act
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed: Brandon Amell was convicted of one violation under the Environmental Protection Act and was fined \$500 plus a victim fine surcharge of \$110 and was given 3 months to pay.
Description: The conviction relates to hindering or obstructing a Provincial Officer in the lawful performance of his duties by evading the Provincial Officer.
Background: Drive Clean is an Ontario Environmental Protection Act program that is enforced by the Ministry of the Environment, Conservation and Parks and is designed to reduce smog-causing pollutants from motor vehicles. On April 11, 2018, ministry officers were monitoring traffic on Highway 416 in Ottawa for the purpose of performing roadside inspections to enforce the Drive Clean program. The ministry officers were wearing visual identification

enforcement officer uniforms and were driving in a ministry patrol vehicle that was equipped with a red-light package.
On this date, the ministry officer signalled a white GMC diesel pickup truck to stop for an inspection by activating the red-light package on the ministry vehicle.
Brandon James Amell was driving the pickup and failed to immediately bring the vehicle to a safe stop, but instead accelerated away and took a highway off ramp.
It is understood that Mr. Amell did this because he was concerned about being caught driving while under suspension.
The ministry's Investigations and Enforcement Branch investigated and laid charges resulting in one conviction.
URL: <https://news.ontario.ca/ene/en/2019/10/diesel-truck-owner-fined-500-for-an-environmental-protection-act-violation.html>

Additional Details

Publication Date: October 15, 2019 4:00 P.M.
Count:
Act:
Regulation:
Section:
Act/Regulation/Section:
Date of Offence: On or about April 11, 2018
Date of Conviction: September 18, 2019
Date Charged:
Charge Disposition:
Fine: \$500
Synopsis:

Site: CEDARHILL GOLF ENTERPRISES INC
ON

Database:
CONV

File No:
Crown Brief No: 98-0000-9004
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: THIS IS THE EASTERN BRIEF FOR ALL P.O.A. TICKETS
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District:

Additional Details

Publication Date:
Count: 1
Act: OWRA
Regulation:
Section: 34(8)
Act/Regulation/Section: OWRA- -34(8)
Date of Offence:
Date of Conviction:
Date Charged: 9/11/01
Charge Disposition: SUSPENDED SENTENCE
Fine: \$305.00
Synopsis:

Site: SUPERIOR PROPANE INC
FALLOWFIELD RD NEPEAN ON

Database:
DTNK

**Delisted Expired Fuel Safety
Facilities**

Instance No: 9669823
Status: EXPIRED
Instance ID: 392708
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS Propane Vehicle Conv Centre
Original Source: EXP
Record Date: Up to Mar 2012

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Site: SUPERIOR PROPANE ATTN WARREN HAYES
FALLOWFIELD RD PRT LOT 20 4 RF OTTAWA ON

Database:
DTNK

**Delisted Expired Fuel Safety
Facilities**

Instance No: 9631753
Status: EXPIRED
Instance ID: 391550
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: Fuels Safety Propane Filling Plant > 5000 USW

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Original Source: EXP
Record Date: Up to Mar 2012

Site: SUPERIOR PROPANE INC
FALLOWFIELD RD OTTAWA ON

Database:
DTNK

Delisted Expired Fuel Safety
Facilities

| | | | |
|------------------------------|---|----------------------|--|
| Instance No: | 9558985 | Expired Date: | |
| Status: | EXPIRED | Max Hazard Rank: | |
| Instance ID: | 390259 | Facility Location: | |
| Instance Type: | FS Facility | Facility Type: | |
| Instance Creation Dt: | | Fuel Type 2: | |
| Instance Install Dt: | | Fuel Type 3: | |
| Item Description: | | Panam Related: | |
| Manufacturer: | | Panam Venue Nm: | |
| Model: | | External Identifier: | |
| Serial No: | | Item: | |
| ULC Standard: | | Piping Steel: | |
| Quantity: | | Piping Galvanized: | |
| Unit of Measure: | | Tank Single Wall St: | |
| Overfill Prot Type: | | Piping Underground: | |
| Creation Date: | | Tank Underground: | |
| Next Periodic Str DT: | | Source: | |
| TSSA Base Sched Cycle 2: | | | |
| TSSAMax Hazard Rank 1: | | | |
| TSSA Risk Based Periodic Yn: | | | |
| TSSA Volume of Directives: | | | |
| TSSA Periodic Exempt: | | | |
| TSSA Statutory Interval: | | | |
| TSSA Recd Insp Interva: | | | |
| TSSA Recd Tolerance: | | | |
| TSSA Program Area: | | | |
| TSSA Program Area 2: | | | |
| Description: | Fuels Safety Propane Filling Plant > 5000 USW | | |
| Original Source: | EXP | | |
| Record Date: | Up to Mar 2012 | | |

Site: Regional Group of Companies Inc.
Lots 18-20, Concession 4, Geographic Township of Nepean East side of Highway 416, south of Fallowfield Road, west of Strandherd Drive. CITY OF OTTAWA ON

Database:
EBR

| | | | |
|----------------------|---|--------------------|--|
| EBR Registry No: | 012-4505 | Decision Posted: | |
| Ministry Ref No: | MNRF INST 51/15 | Exception Posted: | |
| Notice Type: | Instrument Decision | Section: | |
| Notice Stage: | | Act 1: | |
| Notice Date: | December 13, 2016 | Act 2: | |
| Proposal Date: | July 02, 2015 | Site Location Map: | |
| Year: | 2015 | | |
| Instrument Type: | (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species | | |
| Off Instrument Name: | | | |
| Posted By: | | | |
| Company Name: | Regional Group of Companies Inc. | | |
| Site Address: | | | |
| Location Other: | | | |
| Proponent Name: | | | |
| Proponent Address: | 1737 Woodward Drive, 2nd Floor, Ottawa Ontario, Canada K2C 0P9 | | |
| Comment Period: | | | |
| URL: | | | |

Site Location Details:

Lots 18-20, Concession 4, Geographic Township of Nepean East side of Highway 416, south of Fallowfield Road, west of Strandherd Drive. CITY OF OTTAWA

Site: *Fallowfield Road Ottawa (Former Township of Goulburn) ON*

Database:
[EHS](#)

Order No: 20060922004
Status: C
Report Type: Complete Report
Report Date: 9/25/2006
Date Received: 9/22/2006
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: 0
Y: 0

Site: *I C G PROPANE INC
FALLOWFIELD RD PRT LOT 20 4 RF OTTAWA ON*

Database:
[PRT](#)

Location ID: 11051
Type: retail
Expiry Date: 1990-12-31
Capacity (L): 30000
Licence #: 0033255001

Site: *SUPERIOR PROPANE
FALLOWFIELD RD NEPEAN ON*

Database:
[PRT](#)

Location ID: 9601
Type: private
Expiry Date: 1992-01-31
Capacity (L): 0.00
Licence #: 0038379001

Site: *Tarmac Canada Inc.
Lot 23 & 24, Concession 5 NEPEAN ON*

Database:
[PTTW](#)

EBR Registry No: IA7E0250
Ministry Ref No: 28021
Notice Type: Instrument Decision
Notice Stage:
Notice Date: May 02, 1997
Proposal Date: February 20, 1997
Year: 1997

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Tarmac Canada Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: Belleville, P.O. Box 323, Highway 62 & 401, Belleville Ontario, K8N 5A5
Comment Period:
URL:

Site Location Details:

Lot 23 & 24, Concession 5 NEPEAN

Site: *Courtyard Developments Incorporated
Lot 23, Concession 4 Ottawa ON*

Database:
[PTTW](#)

EBR Registry No: IA04E1672
Decision Posted:

Ministry Ref No: ER-6311-677S8H
Notice Type: Instrument Decision
Notice Stage:
Notice Date: April 01, 2005
Proposal Date: November 30, 2004
Year: 2004
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Courtyard Developments Incorporated
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2811 Barlow Crescent, Dunrobin Ontario, K0A 1T0
Comment Period:
URL:

Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Lot 23, Concession 4 Ottawa

Site: **Findlay Creek Properties Ltd. and 1374537 Ontario Ltd.**
Lots 19, 20, Concession 4 and Lot 20, Concession 5, Ottawa ON

Database:
PTTW

EBR Registry No: IA06E1038
Ministry Ref No: 6114-6SQHA7
Notice Type: Instrument Final Decision
Notice Stage:
Notice Date: November 30, 2006
Proposal Date: August 17, 2006
Year: 2006
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Findlay Creek Properties Ltd. and 1374537 Ontario Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address:
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Lots 19, 20, Concession 4 and Lot 20, Concession 5, Ottawa

Site: **Courtyard Developments Incorporated**
Lot 23, Concession 4, Ottawa Ottawa ON

Database:
PTTW

EBR Registry No: IA05E0429
Ministry Ref No: ER-1113-6AYSQ
Notice Type: Instrument Decision
Notice Stage:
Notice Date: July 22, 2005
Proposal Date: April 05, 2005
Year: 2005
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Courtyard Developments Incorporated
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2811 Barlow Crescent, Dunrobin Ontario, K0A 1T0

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Comment Period:
URL:

Site Location Details:

Lot 23, Concession 4, Ottawa Ottawa

Site: PRIVATE OWNER
GENERAL WELDING, FALLOWFIELD RD. STITTSVILLE STORAGE TANK/BARREL OTTAWA CITY ON

Database:
SPL

Ref No: 213503 **Municipality No:** 20107
Year: **Nature of Damage:**
Incident Dt: 10/10/2001 **Discharger Report:**
Dt MOE Arvl on Scn: **Material Group:**
MOE Reported Dt: 10/10/2001 **Health/Env Conseq:**
Dt Document Closed: **Agency Involved:**
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OTTAWA CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Environment Impact: Possible
Nature of Impact: Soil contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Incident Reason: OTHER
Incident Summary: SPILL OF 2 -3 L FUEL OIL TO GROUND FROM TANK. CLEANED.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: PUBLIC WORKS CANADA
AGRICULTURE CANADA FALLOWFIELD ROAD STORAGE TANK NEPEAN CITY ON

Database:
SPL

Ref No: 79801 **Municipality No:** 20104
Year: **Nature of Damage:**
Incident Dt: // **Discharger Report:**
Dt MOE Arvl on Scn: **Material Group:**
MOE Reported Dt: 12/11/1992 **Health/Env Conseq:**
Dt Document Closed: **Agency Involved:**

Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: NEPEAN CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: UNDERGROUND TANK LEAK
Incident Event:
Environment Impact: CONFIRMED
Nature of Impact: Soil contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Incident Reason: CORROSION
Incident Summary: AGRICULTURE CANADA - SOIL CONTAMINATION DUE TO UNDERGROUND TANKS
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: *Papier Masson Ltee<UNOFFICIAL>*
Hwy 416 at Fallowfield Exit<UNOFFICIAL> Ottawa ON

Database:
SPL

| | | | |
|------------------------------|---|---------------------------|-----|
| Ref No: | 8546-6BZTJ4 | Municipality No: | |
| Year: | | Nature of Damage: | |
| Incident Dt: | 5/2/2005 | Discharger Report: | 0 |
| Dt MOE Arvl on Scn: | | Material Group: | Oil |
| MOE Reported Dt: | 5/2/2005 | Health/Env Conseq: | |
| Dt Document Closed: | | Agency Involved: | |
| Site No: | | | |
| MOE Response: | | | |
| Site County/District: | | | |
| Site Geo Ref Meth: | | | |
| Site District Office: | Ottawa | | |
| Nearest Watercourse: | | | |
| Site Name: | Hwy 416 at Fallowfield Exit<UNOFFICIAL> | | |
| Site Address: | | | |
| Site Region: | | | |
| Site Municipality: | Ottawa | | |
| Site Lot: | | | |
| Site Conc: | | | |
| Site Geo Ref Accu: | | | |
| Site Map Datum: | | | |
| Northing: | | | |
| Easting: | | | |
| Incident Cause: | Other Transport Accident | | |
| Incident Event: | | | |

Environment Impact: Not Anticipated
Nature of Impact:
Contaminant Qty: 100 L
System Facility Address:
Client Name: Papier Masson Ltee<UNOFFICIAL>
Client Type:
Source Type:
Contaminant Code:
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Incident Reason: Damage By Moving Equipment - Containers damaged by moving
Incident Summary: MVA: Papier Masson 100 L to road.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Other Motor Vehicle
SAC Action Class: Spill to Highway (Accident)
Call Report Locatn Geodata:

| | | | |
|-------------------------------------|---|---------------------------|--------------------------------|
| Site: | DEPARTMENT OF AGRICULTURE ANIMAL DISEASE CONTROL CENTRE FALLOWFIELD ROAD | OTTAWA CITY ON | Database: SPL |
| Ref No: | 44068 | Municipality No: | 20101 |
| Year: | | Nature of Damage: | |
| Incident Dt: | 11/26/1990 | Discharger Report: | |
| Dt MOE Arvl on Scn: | | Material Group: | |
| MOE Reported Dt: | 11/29/1990 | Health/Env Conseq: | |
| Dt Document Closed: | | Agency Involved: | ENVIRONMENT CANADA |
| Site No: | | | |
| MOE Response: | | | |
| Site County/District: | | | |
| Site Geo Ref Meth: | | | |
| Site District Office: | | | |
| Nearest Watercourse: | | | |
| Site Name: | | | |
| Site Address: | | | |
| Site Region: | | | |
| Site Municipality: | OTTAWA CITY | | |
| Site Lot: | | | |
| Site Conc: | | | |
| Site Geo Ref Accu: | | | |
| Site Map Datum: | | | |
| Northing: | | | |
| Eastings: | | | |
| Incident Cause: | UNDERGROUND TANK LEAK | | |
| Incident Event: | | | |
| Environment Impact: | POSSIBLE | | |
| Nature of Impact: | Soil contamination | | |
| Contaminant Qty: | | | |
| System Facility Address: | | | |
| Client Name: | | | |
| Client Type: | | | |
| Source Type: | | | |
| Contaminant Code: | | | |
| Contaminant Name: | | | |
| Contaminant Limit 1: | | | |
| Contam Limit Freq 1: | | | |
| Contaminant UN No 1: | | | |
| Receiving Medium: | LAND | | |
| Incident Reason: | CORROSION | | |
| Incident Summary: | DEPARTMENT OF AGRICULTURE-UNDERGROUND FURNACE OIL TANK LEAKING. | | |
| Activity Preceding Spill: | | | |
| Property 2nd Watershed: | | | |
| Property Tertiary Watershed: | | | |

Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site:
lot 20 con 4 ON

Database:
WWIS

Well ID: 1534313
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Abandoned-Quality
Water Type:
Casing Material:
Audit No: 267002
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/13/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 2
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11097363
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/18/2003
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 961534313
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11101078
Casing No: 1
Comment:
Alt Name:

Site:
lot 21 ON

Database:
WWIS

Well ID: 1519738
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/24/1985
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 021
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10041591
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/03/1985
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock

Materials Interval

Formation ID: 931042559
Layer: 2
Color: 2
General Color: GREY
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 88.0
Formation End Depth: 112.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931042558
Layer: 1
Color: 2
General Color: GREY
Material 1: 05

Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 88.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931042560
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 112.0
Formation End Depth: 165.0
Formation End Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 961519738
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10590161
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930072630
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 165.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930072629
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 113.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991519738
Pump Set At:
Static Level:
Final Level After Pumping: 30.0
Recommended Pump Depth: 30.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934384356
Test Type:
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654896
Test Type:
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934108646
Test Type:
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894680
Test Type:
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933476796
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 140.0
Water Found Depth UOM: ft

Water Details

Water ID: 933476797
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 160.0
Water Found Depth UOM: ft

Site:
lot 21 ON

Database:
WWIS

Well ID: 1519741
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/03/1985
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3142
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 021
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10041594
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/16/1985
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc: 18
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931042570
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 81.0
Formation End Depth: 84.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931042567
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931042569
Layer: 3
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 13
Material 3 Desc: BOULDERS
Formation Top Depth: 65.0
Formation End Depth: 81.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931042568
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2: 77
Material 2 Desc: LOOSE
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961519741
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590164
Casing No: 1
Comment:

Alt Name:

Construction Record - Casing

Casing ID: 930072633
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 86.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930072634
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991519741
Pump Set At:
Static Level: 0.0
Final Level After Pumping: 0.0
Recommended Pump Depth: 30.0
Pumping Rate: 30.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934108649
Test Type:
Test Duration: 15
Test Level: 0.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894683
Test Type:
Test Duration: 60
Test Level: 0.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654899
Test Type:
Test Duration: 45
Test Level: 0.0
Test Level UOM: ft

Water Details

Water ID: 933476800
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 84.0
Water Found Depth UOM: ft

Site: lot 20 con 4 ON

Database:
WWIS

Well ID: 1521188
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 07417
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/18/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3142
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043024
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 01/17/1987
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock

Materials Interval

Formation ID: 931047127
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05

Material 1 Desc: CLAY
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931047128
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931047129
Layer: 3
Color: 2
General Color: GREY
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 23.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931047130
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 23.0
Formation End Depth: 78.0
Formation End Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 961521188
Method Construction Code: 1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10591594
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075103
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 24.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930075104
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 78.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991521188
Pump Set At:
Static Level: 4.0
Final Level After Pumping: 18.0
Recommended Pump Depth: 50.0
Pumping Rate: 40.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934105888
Test Type:
Test Duration: 15
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389007
Test Type:
Test Duration: 30
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651135
Test Type:
Test Duration: 45
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908364
Test Type:
Test Duration: 60
Test Level: 18.0
Test Level UOM: ft

Water Details

Water ID: 933478675
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 76.0
Water Found Depth UOM: ft

Water Details

Water ID: 933478674
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40.0
Water Found Depth UOM: ft

Site: lot 22 ON

Database:
[WWIS](#)

Well ID: 1523111
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 27196
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 01/24/1989
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 022
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

| | | | |
|-------------------------------------|----------------------------|-------------------------|-------------|
| Bore Hole ID: | 10044917 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | |
| Code OB Desc: | | North83: | |
| Open Hole: | | Org CS: | 9 |
| Cluster Kind: | | UTMRC: | unknown UTM |
| Date Completed: | 12/19/1988 | UTMRC Desc: | |
| Remarks: | | Location Method: | na |
| Location Method Desc: | Not Applicable i.e. no UTM | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| Formation ID: | 931053589 |
| Layer: | 3 |
| Color: | 2 |
| General Color: | GREY |
| Material 1: | 14 |
| Material 1 Desc: | HARDPAN |
| Material 2: | 11 |
| Material 2 Desc: | GRAVEL |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 45.0 |
| Formation End Depth: | 50.0 |
| Formation End Depth UOM: | ft |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| Formation ID: | 931053587 |
| Layer: | 1 |
| Color: | 2 |
| General Color: | GREY |
| Material 1: | 05 |
| Material 1 Desc: | CLAY |
| Material 2: | 12 |
| Material 2 Desc: | STONES |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 0.0 |
| Formation End Depth: | 35.0 |
| Formation End Depth UOM: | ft |

Overburden and Bedrock

Materials Interval

| | |
|-------------------------|-----------|
| Formation ID: | 931053588 |
| Layer: | 2 |
| Color: | 2 |
| General Color: | GREY |
| Material 1: | 14 |
| Material 1 Desc: | HARDPAN |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |

Formation Top Depth: 35.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523111
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10593487
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078573
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 50.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991523111
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 40.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934112685
Test Type:
Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388103
Test Type:
Test Duration: 30

Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649085
Test Type:
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906289
Test Type:
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933481251
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.0
Water Found Depth UOM: ft

Site:
lot 25 ON

Database:
WWIS

Well ID: 1523747
Construction Date:
Use 1st: Industrial
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 49862
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/04/1989
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 025
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045521
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/12/1989
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

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

Overburden and Bedrock
Materials Interval

Formation ID: 931055592
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 32.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931055593
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 82
Material 2 Desc: SHALY
Material 3:
Material 3 Desc:
Formation Top Depth: 32.0
Formation End Depth: 250.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961523747
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10594091
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079668
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 250.0
Casing Diameter: 6.0
Casing Diameter UOM: inch

Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930079667
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 36.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991523747
Pump Set At:
Static Level: 19.0
Final Level After Pumping: 100.0
Recommended Pump Depth: 100.0
Pumping Rate: 14.0
Flowing Rate:
Recommended Pump Rate: 14.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934651310
Test Type:
Test Duration: 45
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106105
Test Type:
Test Duration: 15
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390332
Test Type:
Test Duration: 30
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908516
Test Type:
Test Duration: 60
Test Level: 100.0

Test Level UOM: ft

Water Details

Water ID: 933482123
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 225.0
Water Found Depth UOM: ft

Water Details

Water ID: 933482122
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Site:

lot 25 ON

Database:
WWIS

Well ID: 1525383
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 100018
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 05/29/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 025
Concession:
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047121
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/11/1991
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931060969
Layer: 3
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 91
Material 2 Desc: WATER-BEARING
Material 3:
Material 3 Desc:
Formation Top Depth: 43.0
Formation End Depth: 52.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060968
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 86
Material 2 Desc: STICKY
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 43.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060970
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 52.0
Formation End Depth: 120.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060967
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 68
Material 2 Desc: DRY
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931060971
Layer: 5
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 120.0
Formation End Depth: 175.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961525383
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595691
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082495
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 175.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930082494
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 54.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991525383
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 75.0

Pumping Rate: 6.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934387617
Test Type: Draw Down
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648157
Test Type: Draw Down
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112212
Test Type: Draw Down
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905756
Test Type: Draw Down
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933484357
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 165.0
Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
WWIS

Well ID: 1527942
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: 139317

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/09/1994
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3142

Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049484
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/03/1994
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock

Materials Interval

Formation ID: 931068042
Layer: 3
Color: 8
General Color: BLACK
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 70.0
Formation End Depth: 97.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931068040
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931068041
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933112804
Layer: 1
Plug From: 0.0
Plug To: 21.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961527942
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10598054
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086443
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 97.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930086442
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991527942
Pump Set At:
Static Level: 4.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 80.0
Pumping Rate: 25.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934111811
Test Type:
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386620
Test Type:
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655949
Test Type:
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904319
Test Type:
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933487482
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 84.0
Water Found Depth UOM: ft

Water Details

Water ID: 933487483
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 93.0
Water Found Depth UOM: ft

Site:
lot 25 ON

Database:
WWIS

Well ID: 1528551
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 137549
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 07/17/1995
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 025
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050087
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/20/1995
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc: 18
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931070012
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 02
Material 2 Desc: TOPSOIL
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 71.0

Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931070013
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 71
Material 2 Desc: FRACTURED
Material 3:
Material 3 Desc:
Formation Top Depth: 71.0
Formation End Depth: 83.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961528551
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10598657
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930087550
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 83.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930087549
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 74.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991528551
Pump Set At:
Static Level: 48.0

Final Level After Pumping: 70.0
Recommended Pump Depth: 70.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 12.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934906465
Test Type: Recovery
Test Duration: 60
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104721
Test Type: Recovery
Test Duration: 15
Test Level: 51.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388346
Test Type: Recovery
Test Duration: 30
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648862
Test Type: Recovery
Test Duration: 45
Test Level: 48.0
Test Level UOM: ft

Water Details

Water ID: 933488281
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 76.0
Water Found Depth UOM: ft

Site: lot 22 con 4 ON

Database:
WWIS

Well ID: 1524758
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:

Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes
Data Src:
Date Received: 09/17/1990
Selected Flag: TRUE

Casing Material:
Audit No: 80337
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 022
Concession: 04
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1009070684
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/27/1990
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Site:
lot 24 ON

Database:
WWIS

Well ID: 1534384
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 265843
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/16/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6907
Form Version: 2
Owner:
County: OTTAWA-CARLETON
Lot: 024
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11097434
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:

Cluster Kind:
Date Completed: 11/22/2003
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 961534384
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11101149
Casing No: 1
Comment:
Alt Name:

Site: FALLOWFIELD RD OTTAWA ON

Database:
[WWIS](#)

Well ID: 1535676
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z33652
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 08/04/2005
Selected Flag: TRUE
Abandonment Rec: Yes
Contractor: 6894
Form Version: 3
Owner:
County: OTTAWA-CARLETON
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11316215
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/08/2005
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Source Revision Comment:
Supplier Comment:

Annular Space/Abandonment
Sealing Record

Plug ID: 933273996
Layer: 2
Plug From: 1.899999976158142
Plug To: 0.0
Plug Depth UOM: m

Annular Space/Abandonment
Sealing Record

Plug ID: 933273995
Layer: 1
Plug From: 14.0
Plug To: 1.899999976158142
Plug Depth UOM: m

Method of Construction & Well
Use

Method Construction ID: 961535676
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 11331070
Casing No: 1
Comment:
Alt Name:

Hole Diameter

Hole ID: 11533761
Diameter: 6.0
Depth From: 0.0
Depth To: 7.0
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11533760
Diameter: 20.0
Depth From: 0.0
Depth To: 18.0
Hole Depth UOM: m
Hole Diameter UOM: cm

Site: lot 20 con 4 ON

Database:
WWIS

Well ID: 1536188
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 01/17/2006
Selected Flag: TRUE

Casing Material:
Audit No: Z17661
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Abandonment Rec:
Contractor: 6907
Form Version: 3
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11550254
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/22/2005
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock

Materials Interval

Formation ID: 933043020
Layer: 1
Color:
General Color:
Material 1:
Material 1 Desc:
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961536188
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11559861
Casing No: 1
Comment:
Alt Name:

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 11569337
Pump Set At: 75.0
Static Level: 12.0
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Site: HERON 1670 lot 20 ON

Database:
WWIS

Well ID: 1536291
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: Z34337
Tag: A035919
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 04/13/2006
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7241
Form Version: 3
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession:
Concession Name: JG
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11550357
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/02/2006
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 933053125
Layer: 1
Color:
General Color:
Material 1: 28
Material 1 Desc: SAND
Material 2: 84
Material 2 Desc: SILTY
Material 3: 81
Material 3 Desc: SANDY
Formation Top Depth: 0.0
Formation End Depth:
Formation End Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933293035
Layer: 3
Plug From: 2.740000009536743
Plug To: 4.570000171661377
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933293034
Layer: 2
Plug From: 0.30000001192092896
Plug To: 2.740000009536743
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933293033
Layer: 1
Plug From: 0.0
Plug To: 0.30000001192092896
Plug Depth UOM: m

**Method of Construction & Well
Use**

Method Construction ID: 961536291
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11559964
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930878918
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0

Depth To: 3.0999999046325684
Casing Diameter: 3.174999952316284
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933418297
Layer: 1
Slot:
Screen Top Depth:
Screen End Depth: 4.570000171661377
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Site:
lot 21 con 4 ON

Database:
WWIS

Well ID: 1522604
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: 38263
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes
Data Src:
Date Received: 09/27/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 021
Concession: 04
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1009070678
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/18/1988
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Site:
lot 21 con 4 ON

Database:
WWIS

Well ID: 1522605
Construction Date:
Use 1st:

Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes

Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: 38264
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Data Src:
Date Received: 09/27/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 021
Concession: 04
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1009070681
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/04/1988
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2023

Abandoned Mine Information System:

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Apr 2024

Anderson's Waste Disposal Sites:

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Apr 30, 2024

Borehole:

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors:

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Apr 30, 2024

Compressed Natural Gas Stations:

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Nov 2023

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-Mar 2024

Certificates of Property Use:

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Mar 31, 2024

Drill Hole Database:

Provincial [DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Aug 2023

Delisted Fuel Tanks:

Provincial [DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Oct 2023

Environmental Activity and Sector Registry:

Provincial [EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011-Mar 31, 2024

Environmental Registry:

Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994 - Mar 31, 2024

Environmental Compliance Approval:

Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011-Mar 31, 2024

Environmental Effects Monitoring:

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Mar 31, 2024

Environmental Issues Inventory System:

Federal [EIIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land / water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2022

List of Expired Fuels Safety Facilities:

Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Federal Convictions:

Federal **FCON**

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Mar 2024

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: Oct 31, 2021

Fuel Storage Tank:

Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic:

Provincial

[FSTH](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

[GEN](#)

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2021

TSSA Historic Incidents:

Provincial

[HINC](#)

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario:

Provincial

[LIMO](#)

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Mar 31, 2022

Canadian Mine Locations:

Private

[MINE](#)

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

[MNR](#)

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2024

National Analysis of Trends in Emergencies System (NATES):

Federal

[NATE](#)

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

[NCPL](#)

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2022

National Defense & Canadian Forces Fuel Tanks:

Federal

[NDFT](#)

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

[NDSP](#)

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal

[NDWD](#)

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

[NEBI](#)

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

[NEBP](#)

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

[NPCB](#)

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory 1993-2020:

Federal

[NPR2](#)

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Sep 2020

National Pollutant Release Inventory - Historic:

Federal

[NPRI](#)

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 29, 2024

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Aug 2023

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders:

Provincial

[ORD](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994 - Mar 31, 2024

Canadian Pulp and Paper:

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks:

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011-Mar 31, 2024

NPRI Reporters - PFAS Substances:

Federal

PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI:

Federal

PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 2020

Pipeline Incidents:

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing is an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial

PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Mar 31, 2024

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition:

Provincial

RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Government Publication Date: 1997-Sept 2001, Oct 2004-Apr 2024

Retail Fuel Storage Tanks:

Private

RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Apr 30, 2024

Scott's Manufacturing Directory:

Private

SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

SPL

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in Mar 2023-Dec 2023 and Jan 29, 2024-Feb 29, 2024 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Jan 2023; see description

Wastewater Discharger Registration Database:

Provincial

SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks:

Private

TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011-Mar 31, 2024

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Dec 31 2023

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



DATABASE REPORT

Project Property: *PE6605 - 4497B O'Keefe Court
PE6605 - 4497B O'Keefe Crt
Nepean ON K2R 0A2*

Project No:

Report Type: *Quote - Custom-Build Your Own Report*

Order No: *24061700176*

Requested by: *Paterson Group Inc.*

Date Completed: *June 20, 2024*

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Executive Summary

Property Information:

Project Property: PE6605 - 4497B O'Keefe Court
PE6605 - 4497B O'Keefe Crt Nepean ON K2R 0A2

Project No:

Order Information:

Order No: 24061700176
Date Requested: June 17, 2024
Requested by: Paterson Group Inc.
Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

ERIS Xplorer [ERIS Xplorer](#)

Executive Summary: Report Summary

| <i>Database</i> | <i>Name</i> | <i>Searched</i> | <i>Project Property</i> | <i>Boundary to 0.25km</i> | <i>Total</i> |
|-----------------|--|-----------------|-------------------------|---------------------------|--------------|
| AAGR | <i>Abandoned Aggregate Inventory</i> | Y | 0 | 0 | 0 |
| AGR | <i>Aggregate Inventory</i> | Y | 0 | 0 | 0 |
| AMIS | <i>Abandoned Mine Information System</i> | Y | 1 | 0 | 1 |
| ANDR | <i>Anderson's Waste Disposal Sites</i> | Y | 0 | 0 | 0 |
| AST | <i>Aboveground Storage Tanks</i> | Y | 0 | 0 | 0 |
| AUWR | <i>Automobile Wrecking & Supplies</i> | Y | 0 | 0 | 0 |
| BORE | <i>Borehole</i> | Y | 3 | 3 | 6 |
| CA | <i>Certificates of Approval</i> | Y | 0 | 0 | 0 |
| CDRY | <i>Dry Cleaning Facilities</i> | Y | 0 | 0 | 0 |
| CFOT | <i>Commercial Fuel Oil Tanks</i> | Y | 0 | 0 | 0 |
| CHEM | <i>Chemical Manufacturers and Distributors</i> | Y | 0 | 0 | 0 |
| CHM | <i>Chemical Register</i> | Y | 0 | 0 | 0 |
| CNG | <i>Compressed Natural Gas Stations</i> | Y | 0 | 0 | 0 |
| COAL | <i>Inventory of Coal Gasification Plants and Coal Tar Sites</i> | Y | 0 | 0 | 0 |
| CONV | <i>Compliance and Convictions</i> | Y | 0 | 0 | 0 |
| CPU | <i>Certificates of Property Use</i> | Y | 0 | 0 | 0 |
| DRL | <i>Drill Hole Database</i> | Y | 0 | 0 | 0 |
| DTNK | <i>Delisted Fuel Tanks</i> | Y | 0 | 0 | 0 |
| EASR | <i>Environmental Activity and Sector Registry</i> | Y | 0 | 0 | 0 |
| EBR | <i>Environmental Registry</i> | Y | 0 | 0 | 0 |
| ECA | <i>Environmental Compliance Approval</i> | Y | 0 | 1 | 1 |
| EEM | <i>Environmental Effects Monitoring</i> | Y | 0 | 0 | 0 |
| EHS | <i>ERIS Historical Searches</i> | Y | 1 | 0 | 1 |
| EIIS | <i>Environmental Issues Inventory System</i> | Y | 0 | 0 | 0 |
| EMHE | <i>Emergency Management Historical Event</i> | Y | 0 | 0 | 0 |
| EPAR | <i>Environmental Penalty Annual Report</i> | Y | 0 | 0 | 0 |
| EXP | <i>List of Expired Fuels Safety Facilities</i> | Y | 0 | 0 | 0 |
| FCON | <i>Federal Convictions</i> | Y | 0 | 0 | 0 |
| FCS | <i>Contaminated Sites on Federal Land</i> | Y | 0 | 0 | 0 |
| FOFT | <i>Fisheries & Oceans Fuel Tanks</i> | Y | 0 | 0 | 0 |
| FRST | <i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i> | Y | 0 | 0 | 0 |
| FST | <i>Fuel Storage Tank</i> | Y | 0 | 0 | 0 |
| FSTH | <i>Fuel Storage Tank - Historic</i> | Y | 0 | 0 | 0 |
| GEN | <i>Ontario Regulation 347 Waste Generators Summary</i> | Y | 0 | 7 | 7 |
| GHG | <i>Greenhouse Gas Emissions from Large Facilities</i> | Y | 0 | 0 | 0 |
| HINC | <i>TSSA Historic Incidents</i> | Y | 0 | 0 | 0 |

| Database | Name | Searched | Project Property | Boundary to 0.25km | Total |
|-----------------|--|-----------------|-------------------------|---------------------------|--------------|
| IAFT | <i>Indian & Northern Affairs Fuel Tanks</i> | Y | 0 | 0 | 0 |
| INC | <i>Fuel Oil Spills and Leaks</i> | Y | 0 | 0 | 0 |
| LIMO | <i>Landfill Inventory Management Ontario</i> | Y | 0 | 0 | 0 |
| MINE | <i>Canadian Mine Locations</i> | Y | 0 | 0 | 0 |
| MNR | <i>Mineral Occurrences</i> | Y | 1 | 0 | 1 |
| NATE | <i>National Analysis of Trends in Emergencies System (NATES)</i> | Y | 0 | 0 | 0 |
| NCPL | <i>Non-Compliance Reports</i> | Y | 0 | 0 | 0 |
| NDFT | <i>National Defense & Canadian Forces Fuel Tanks</i> | Y | 0 | 0 | 0 |
| NDSP | <i>National Defense & Canadian Forces Spills</i> | Y | 0 | 0 | 0 |
| NDWD | <i>National Defence & Canadian Forces Waste Disposal Sites</i> | Y | 0 | 0 | 0 |
| NEBI | <i>National Energy Board Pipeline Incidents</i> | Y | 0 | 0 | 0 |
| NEBP | <i>National Energy Board Wells</i> | Y | 0 | 0 | 0 |
| NEES | <i>National Environmental Emergencies System (NEES)</i> | Y | 0 | 0 | 0 |
| NPCB | <i>National PCB Inventory</i> | Y | 0 | 0 | 0 |
| NPR2 | <i>National Pollutant Release Inventory 1993-2020</i> | Y | 0 | 0 | 0 |
| NPRI | <i>National Pollutant Release Inventory - Historic</i> | Y | 0 | 0 | 0 |
| OGWE | <i>Oil and Gas Wells</i> | Y | 0 | 0 | 0 |
| OOGW | <i>Ontario Oil and Gas Wells</i> | Y | 0 | 0 | 0 |
| OPCB | <i>Inventory of PCB Storage Sites</i> | Y | 0 | 0 | 0 |
| ORD | <i>Orders</i> | Y | 0 | 0 | 0 |
| PAP | <i>Canadian Pulp and Paper</i> | Y | 0 | 0 | 0 |
| PCFT | <i>Parks Canada Fuel Storage Tanks</i> | Y | 0 | 0 | 0 |
| PES | <i>Pesticide Register</i> | Y | 0 | 0 | 0 |
| PFCH | <i>NPRI Reporters - PFAS Substances</i> | Y | 0 | 0 | 0 |
| PFHA | <i>Potential PFAS Handlers from NPRI</i> | Y | 0 | 0 | 0 |
| PINC | <i>Pipeline Incidents</i> | Y | 0 | 1 | 1 |
| PRT | <i>Private and Retail Fuel Storage Tanks</i> | Y | 0 | 0 | 0 |
| PTTW | <i>Permit to Take Water</i> | Y | 0 | 0 | 0 |
| REC | <i>Ontario Regulation 347 Waste Receivers Summary</i> | Y | 0 | 0 | 0 |
| RSC | <i>Record of Site Condition</i> | Y | 0 | 0 | 0 |
| RST | <i>Retail Fuel Storage Tanks</i> | Y | 0 | 0 | 0 |
| SCT | <i>Scott's Manufacturing Directory</i> | Y | 0 | 0 | 0 |
| SPL | <i>Ontario Spills</i> | Y | 0 | 0 | 0 |
| SRDS | <i>Wastewater Discharger Registration Database</i> | Y | 0 | 0 | 0 |
| TANK | <i>Anderson's Storage Tanks</i> | Y | 0 | 0 | 0 |
| TCFT | <i>Transport Canada Fuel Storage Tanks</i> | Y | 0 | 0 | 0 |
| VAR | <i>Variances for Abandonment of Underground Storage Tanks</i> | Y | 0 | 0 | 0 |
| WDS | <i>Waste Disposal Sites - MOE CA Inventory</i> | Y | 0 | 0 | 0 |
| WDSH | <i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i> | Y | 0 | 0 | 0 |
| WWIS | <i>Water Well Information System</i> | Y | 10 | 10 | 20 |

| <i>Database</i> | <i>Name</i> | <i>Searched</i> | <i>Project Property</i> | <i>Boundary to 0.25km</i> | <i>Total</i> |
|-----------------|-------------|-----------------|-----------------------------|-------------------------------|--------------|
| | | Total: | 16 | 22 | 38 |

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 | | 4497 O'Keefe Court Nepean ON K2R 0A2 | NW/0.0 | 0.00 | 19 |
| 2 | BORE | | ON | SSW/0.0 | -1.18 | 19 |
| 3 | WWIS | | lot 24 con 4 ON <i>Well ID:</i> 1506102 | SW/0.0 | -0.12 | 20 |
| 4 | AMIS | FALLOWFIELD QUARRY | NEPEAN ON | SSW/0.0 | -1.00 | 23 |
| 5 | MNR | Fallowfield Quarry | ON | SSW/0.0 | -2.23 | 23 |
| 6 | BORE | | ON | WSW/0.0 | 1.00 | 23 |
| 7 | WWIS | | lot 24 con 4 ON <i>Well ID:</i> 1506104 | WSW/0.0 | 1.00 | 24 |
| 8 | WWIS | | lot 24 con 4 ON <i>Well ID:</i> 1532255 | S/0.0 | -2.23 | 27 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev diff (m) | Page Number |
|---------------------------|-----------|--------------------------|---|---------------------|----------------------|---------------------------|
| <u>9</u> | BORE | | ON | S/0.0 | -3.60 | <u>31</u> |
| <u>10</u> | WWIS | | lot 24 con 4 ON <i>Well ID:</i> 1506106 | S/0.0 | -3.60 | <u>32</u> |
| <u>11</u> | WWIS | | lot 25 con 4 ON <i>Well ID:</i> 1531508 | NE/0.0 | -5.00 | <u>35</u> |
| <u>11</u> | WWIS | | lot 25 con 4 ON <i>Well ID:</i> 1532252 | NE/0.0 | -5.00 | <u>38</u> |
| <u>11</u> | WWIS | | lot 25 con 4 ON <i>Well ID:</i> 1534354 | NE/0.0 | -5.00 | <u>42</u> |
| <u>12</u> | WWIS | | lot 25 con 4 ON <i>Well ID:</i> 1530757 | NE/0.0 | -5.00 | <u>45</u> |
| <u>13</u> | WWIS | | lot 25 con 4 ON <i>Well ID:</i> 1530383 | NE/0.0 | -5.00 | <u>49</u> |
| <u>14</u> | WWIS | | lot 24 con 4 ON <i>Well ID:</i> 1506105 | SSW/0.0 | -0.18 | <u>50</u> |

Executive Summary: Site Report Summary - Surrounding Properties

| <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> |
|--------------------|-----------|--------------------------|---|---------------------|----------------------|--------------------|
| 15 | WWIS | | lot 25 con 4 ON <i>Well ID:</i> 1518657 | NE/26.5 | -7.00 | 53 |
| 16 | BORE | | ON | NE/99.8 | -8.15 | 56 |
| 17 | WWIS | | lot 25 con 4 ON <i>Well ID:</i> 1506118 | NE/122.2 | -8.68 | 57 |
| 18 | WWIS | | 965 MOODIE DRIVE lot 24 con 4 NEPEAN ON <i>Well ID:</i> 1535311 | SW/160.6 | 2.05 | 60 |
| 19 | WWIS | | 985 MOODIE DRIVE SOUTH lot 23 con 4 NEPEAN ON <i>Well ID:</i> 7181163 | SSW/161.1 | 1.00 | 67 |
| 20 | WWIS | | 7 OSBOURNE ROAD lot 3 con 6 ATHENS ON <i>Well ID:</i> 3616379 | SW/161.6 | 2.05 | 74 |
| 21 | BORE | | ON | NNE/174.8 | -7.00 | 80 |
| 22 | WWIS | | MOODIE DRIVE EAST SIDE lot 25 con 4 NEPEAN ON <i>Well ID:</i> 7248741 | W/197.9 | 2.00 | 81 |
| 23 | BORE | | ON | NE/203.9 | -9.15 | 84 |
| 24 | WWIS | | lot 24 con 4 ON <i>Well ID:</i> 1532254 | E/212.1 | -3.00 | 85 |
| 25 | WWIS | | lot 24 con 4 ON <i>Well ID:</i> 1530498 | E/214.0 | -4.04 | 89 |
| 26 | WWIS | | lot 24 con 4 ON | E/215.6 | -4.04 | 93 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|--------------------|-----------|--------------------------|---|---------------------|----------------------|---------------------|
| | | | Well ID: 1522454 | | | |
| 27 | ECA | Primo Developments Inc. | 985 Moodie Dr S Ottawa ON K2R 1H4 | SSW/233.0 | 1.00 | 96 |
| 27 | GEN | FedEx Ground Ltd. | 985 Moodie Drive Nepean ON | SSW/233.0 | 1.00 | 97 |
| 27 | PINC | PIPELINE HIT 1" | 985 MODDIE DRIVE,,OTTAWA,ON,K2H 8G3,CA ON | SSW/233.0 | 1.00 | 97 |
| 27 | GEN | FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | SSW/233.0 | 1.00 | 97 |
| 27 | GEN | FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | SSW/233.0 | 1.00 | 98 |
| 27 | GEN | FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | SSW/233.0 | 1.00 | 98 |
| 27 | GEN | FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | SSW/233.0 | 1.00 | 99 |
| 27 | GEN | FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | SSW/233.0 | 1.00 | 99 |
| 27 | GEN | FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | SSW/233.0 | 1.00 | 100 |
| 28 | WWIS | | lot 25 con 4 ON Well ID: 1506115 | NE/250.0 | -11.30 | 100 |

Executive Summary: Summary By Data Source

AMIS - Abandoned Mine Information System

A search of the AMIS database, dated 1800-Apr 2024 has found that there are 1 AMIS site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------|-----------------------|----------------------------|--------------------------|
| FALLOWFIELD QUARRY | NEPEAN ON | 0.0 | <u>4</u> |

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 6 BORE site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------|-----------------------|----------------------------|---------------------------|
| | ON | 0.0 | <u>2</u> |
| | ON | 0.0 | <u>6</u> |
| | ON | 0.0 | <u>9</u> |
| | ON | 99.8 | <u>16</u> |
| | ON | 174.8 | <u>21</u> |
| | ON | 203.9 | <u>23</u> |

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Apr 30, 2024 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------------|--------------------------------------|----------------------------|---------------------------|
| Primo Developments Inc. | 985 Moodie Dr S Ottawa ON K2R 1H4 | 233.0 | <u>27</u> |

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2024 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------|---|----------------------------|--------------------------|
| | 4497 O'Keefe Court Nepean ON K2R 0A2 | 0.0 | <u>1</u> |

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 7 GEN site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------|--------------------------------------|----------------------------|---------------------------|
| FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | 233.0 | <u>27</u> |
| FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | 233.0 | <u>27</u> |
| FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | 233.0 | <u>27</u> |
| FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | 233.0 | <u>27</u> |
| FedEx Ground Ltd. | 985 Moodie Drive Nepean ON | 233.0 | <u>27</u> |

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------|--------------------------------------|---------------------|--------------------|
| FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | 233.0 | 27 |
| FedEx Ground Ltd. | 985 Moodie Drive Nepean ON K2R1H4 | 233.0 | 27 |

MNR - Mineral Occurrences

A search of the MNR database, dated 1846-Feb 2024 has found that there are 1 MNR site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------|----------------|---------------------|-------------------|
| Fallowfield Quarry | ON | 0.0 | 5 |

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-----------------|--|---------------------|--------------------|
| PIPELINE HIT 1" | 985 MODDIE DRIVE,,OTTAWA,ON,K2H 8G3, CA ON | 233.0 | 27 |

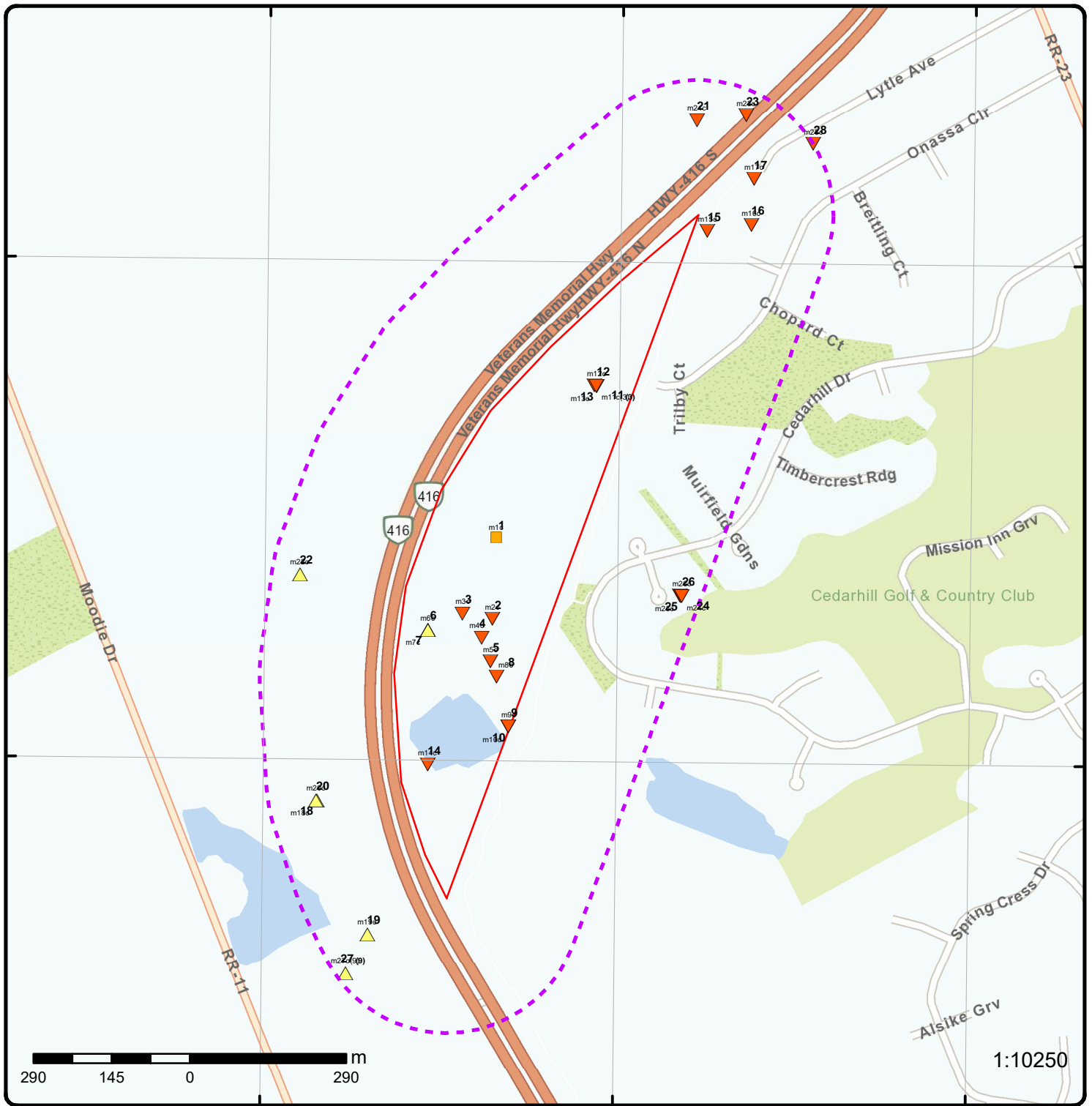
WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 20 WWIS site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|---|---------------------|-------------------|
| | lot 24 con 4 ON <i>Well ID:</i> 1506102 | 0.0 | 3 |
| | lot 24 con 4 ON <i>Well ID:</i> 1506104 | 0.0 | 7 |

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|---|---------------------|---------------------------|
| | lot 24 con 4 ON <i>Well ID:</i> 1532255 | 0.0 | <u>8</u> |
| | lot 24 con 4 ON <i>Well ID:</i> 1506106 | 0.0 | <u>10</u> |
| | lot 25 con 4 ON <i>Well ID:</i> 1534354 | 0.0 | <u>11</u> |
| | lot 25 con 4 ON <i>Well ID:</i> 1532252 | 0.0 | <u>11</u> |
| | lot 25 con 4 ON <i>Well ID:</i> 1531508 | 0.0 | <u>11</u> |
| | lot 25 con 4 ON <i>Well ID:</i> 1530757 | 0.0 | <u>12</u> |
| | lot 25 con 4 ON <i>Well ID:</i> 1530383 | 0.0 | <u>13</u> |
| | lot 24 con 4 ON <i>Well ID:</i> 1506105 | 0.0 | <u>14</u> |
| | lot 25 con 4 ON <i>Well ID:</i> 1518657 | 26.5 | <u>15</u> |
| | lot 25 con 4 ON <i>Well ID:</i> 1506118 | 122.2 | <u>17</u> |
| | 965 MOODIE DRIVE lot 24 con 4 NEPEAN ON <i>Well ID:</i> 1535311 | 160.6 | <u>18</u> |
| | 985 MOODIE DRIVE SOUTH lot 23 con 4 NEPEAN ON | 161.1 | <u>19</u> |

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|--|---------------------|---------------------------|
| | <i>Well ID:</i> 7181163 | | |
| | 7 OSBOURNE ROAD lot 3 con 6 ATHENS ON | 161.6 | <u>20</u> |
| | <i>Well ID:</i> 3616379 | | |
| | MOODIE DRIVE EAST SIDE lot 25 con 4 NEPEAN ON | 197.9 | <u>22</u> |
| | <i>Well ID:</i> 7248741 | | |
| | lot 24 con 4 ON | 212.1 | <u>24</u> |
| | <i>Well ID:</i> 1532254 | | |
| | lot 24 con 4 ON | 214.0 | <u>25</u> |
| | <i>Well ID:</i> 1530498 | | |
| | lot 24 con 4 ON | 215.6 | <u>26</u> |
| | <i>Well ID:</i> 1522454 | | |
| | lot 25 con 4 ON | 250.0 | <u>28</u> |
| | <i>Well ID:</i> 1506115 | | |



Map: 0.25 Kilometer Radius

Order Number: 24061700176

Address: PE6605 - 4497B O'Keefe Crt, Nepean, ON



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



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

Aerial Year: 2023

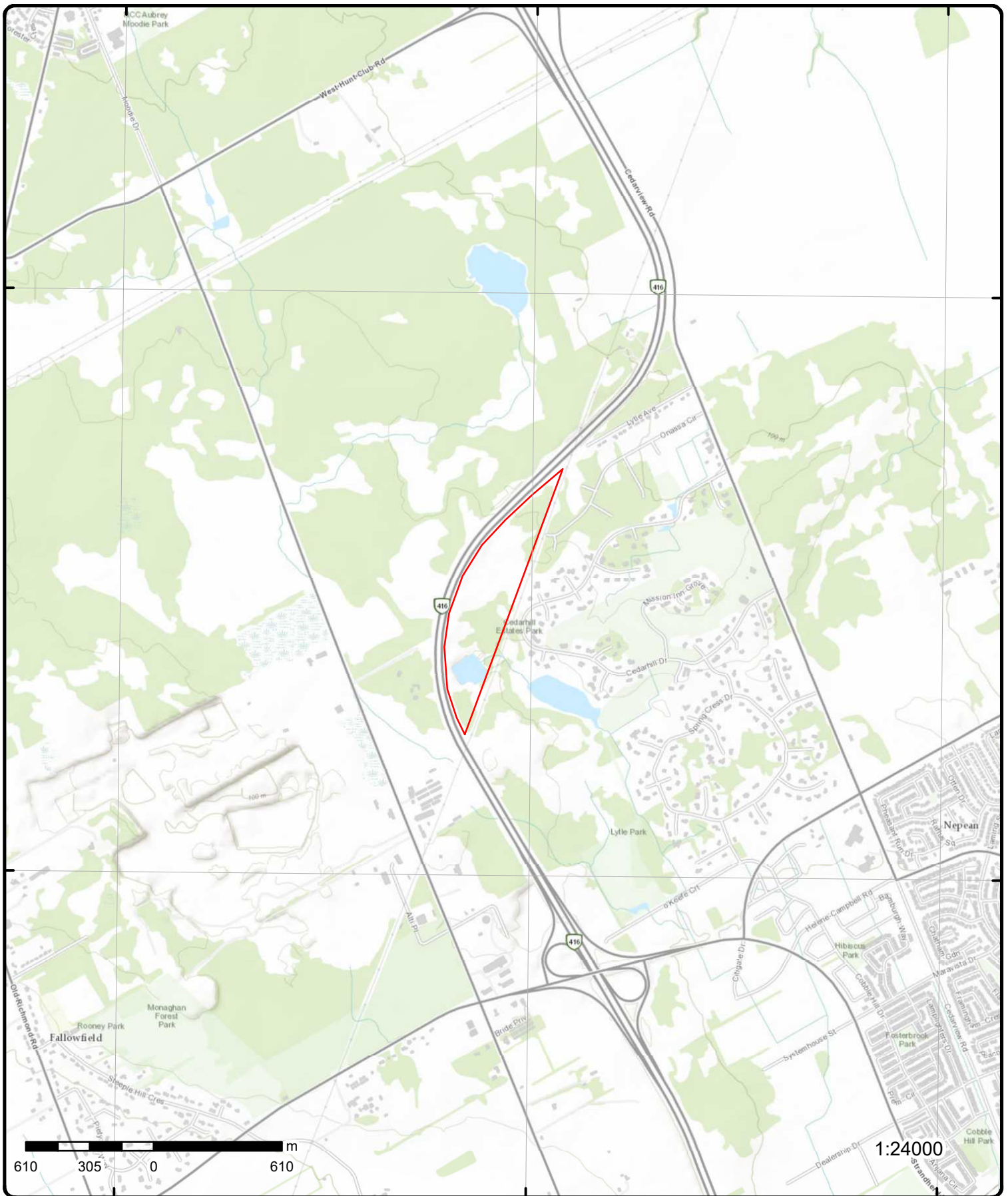
Order Number: 24061700176

Address: PE6605 - 4497B O'Keefe Crt, Nepean, ON



Source: ESRI World Imagery

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Topographic Map

Order Number: 24061700176

Address: PE6605 - 4497B O'Keefe Crt, ON



Source: ESRI World Topographic Map

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Detail Report

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|---|------------------|---|-----|
| <u>1</u> | 1 of 1 | NW/0.0 | 116.9 / 0.00 | 4497 O'Keefe Court Nepean ON K2R 0A2 | EHS |
| Order No: 23052400700 Status: C Report Type: Custom Report Report Date: 05-JUN-23 Date Received: 24-MAY-23 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos | | Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.79651 Y: 45.27409 | | | |

| | | | | | |
|--|--------|---|---------------|----|------|
| <u>2</u> | 1 of 1 | SSW/0.0 | 115.7 / -1.18 | ON | BORE |
| Borehole ID: 610572 OGF ID: 215512085 Status: Type: Borehole Use: Completion Date: Static Water Level: 22.3 Primary Water Use: Sec. Water Use: Total Depth m: -999 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 111 Elev Reliabil Note: DEM Ground Elev m: 111 Concession: Location D: Survey D: Comments: | | Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 45.285697 Longitude DD: -75.802949 UTM Zone: 18 Easting: 437031 Northing: 5015002 Location Accuracy: Accuracy: Not Applicable | | | |

Borehole Geology Stratum

| | |
|---|---|
| Geology Stratum ID: 218385909 Top Depth: 0 Bottom Depth: 111 Material Color: Material 1: Bedrock Material 2: Limestone Material 3: Material 4: Gsc Material Description: Stratum Description: BEDROCK,LIMESTONE. | Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: |
| Geology Stratum ID: 218385910 Top Depth: 111 Bottom Depth: Material Color: | Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---------|-------------------|----------------------------|------------------|------|----|
| Y: | | 45.285781429337504 | | | |
| Path: | | 150\1506102.pdf | | | |

Bore Hole Information

| | | | |
|-------------------------------------|--|-------------------------|---------------------------------|
| Bore Hole ID: | 10028145 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 436975.70 |
| Code OB Desc: | | North83: | 5015012.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 5 |
| Date Completed: | 02/03/1964 | UTMRC Desc: | margin of error : 100 m - 300 m |
| Remarks: | | Location Method: | p5 |
| Location Method Desc: | Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| Formation ID: | 931003795 |
| Layer: | 2 |
| Color: | |
| General Color: | |
| Material 1: | 18 |
| Material 1 Desc: | SANDSTONE |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 40.0 |
| Formation End Depth: | 145.0 |
| Formation End Depth UOM: | ft |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| Formation ID: | 931003794 |
| Layer: | 1 |
| Color: | 2 |
| General Color: | GREY |
| Material 1: | 15 |
| Material 1 Desc: | LIMESTONE |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 0.0 |
| Formation End Depth: | 40.0 |
| Formation End Depth UOM: | ft |

Method of Construction & Well

Use

| | |
|----------------------------------|-----------|
| Method Construction ID: | 961506102 |
| Method Construction Code: | 7 |
| Method Construction: | Diamond |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10576715 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049037 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 145.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049036 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 10.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991506102 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 4.0 | | | |
| Final Level After Pumping: | | 140.0 | | | |
| Recommended Pump Depth: | | 130.0 | | | |
| Pumping Rate: | | 17.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 15.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 1 | | | |
| Water State After Test: | | CLEAR | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | 0 | | | |
| Flowing: | | No | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933460185 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 140.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|--|------------------|---------------------------------|------|
| 4 | 1 of 1 | SSW/0.0 | 115.9 / -1.00 | FALLOWFIELD QUARRY NEPEAN ON | AMIS |
| Site Access Code: AMIS Distr Code: Abandoned Mine ID: 07083 Old MDI ID: SO4021 New MDI ID: MDI31G05SW00021 Mine Status: ABANDONED Mine Plan/Section: UNK Site Class: C Clos Reason Code: Closure Plan: UNK Prim Commod Code: Primary Commodity: LIMESTONE (BUILDING STONES) Operational Access: NOT AVAILABLE Date Entered: Date Last Modified: 11/19/2021 12:00:00 AM Effective Date: Start Year: End Year: Evid of Site Conta: Evid of Sulphide: Evid Animals Pres: Hyper Link: Mine Features Desc: Progressive Rehabilitation Sta: NOT REHABILITATED AMIS Bkgnd Info: PAST PRODUCER; QUARRY NOT LICENCED (JUNE'92); DESIGNATED TWP. AGGREGATE RESOURCES ACT.; LOCATED AT POINT 2.75KM NE. OF FALLOWFIELD ON MAP DEMR 1987, NTS 31G05 OTTAWA.; COMMODITY: LIMESTONE; Alternate Name: FALLOWFIELD QUARRY | | Prog Rehab Plan: UNK Revegetation: Veg Condition: Veg Descr: Chemical Doc: Jurisdiction: A.R.A. Lot No: 24 Concession: 4 Zone: 18 Northing: 5014782 Easting: 436961 Mine Closure Reaso: UNKNOWN AMIS District: TWEED District Desc: TWEED Animal Desc: Status Type Code: Long Name: 1018435050100 NTS No: 031G05 Latitude: 45.28538 Longitude: -75.8032 | | | |

| | | | | | |
|--|--------|---|---------------|--------------------------|-----|
| 5 | 1 of 1 | SSW/0.0 | 114.6 / -2.23 | Fallowfield Quarry ON | MNR |
| MDI No: MDI31G05SW00021 OGF ID: Deposit Status: Claim Map: Geological Dstrct: Southern Ontario Mining Division: Name: Fallowfield Quarry Primary Commodity: LIMESTONE (BUILDING STONE) Secondary Commod: Latitude: 45.284984 Longitude: -75.802982 Class Sub Type: Source Map: Detail: https://www.geologyontario.mines.gov.on.ca/persistent-linking?mineral-inventory=MDI31G05SW00021 All Names: Fallowfield Quarry Access Description: 2.75 km NE of Fallowfield. | | Twp Area: Nepean Dep Class: Zone: Easting: Northing: Effective Dt/time: Date Last Modified: Geo Update Dt/time: Class Sub Type No: Status: Past Producing Mine Without Reserves or Resources | | | |

| | | | | | |
|--|--------|---|--------------|----|------|
| 6 | 1 of 1 | WSW/0.0 | 117.9 / 1.00 | ON | BORE |
| Borehole ID: 610570 OGF ID: 215512083 Status: Type: Borehole Use: | | Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|----------------------------|------------------|--|------|
| Completion Date: JAN-1964 Static Water Level: 10.1 Primary Water Use: Sec. Water Use: Total Depth m: 64 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 115 Elev Reliabil Note: DEM Ground Elev m: 113 Concession: Location D: Survey D: Comments: | | | | Municipality: Lot: Township: Latitude DD: 45.285506 Longitude DD: -75.804476 UTM Zone: 18 Easting: 436911 Northing: 5014982 Location Accuracy: Accuracy: Not Applicable | |
| <u>Borehole Geology Stratum</u> | | | | | |
| Geology Stratum ID: 218385906 Top Depth: 42.7 Bottom Depth: 64 Material Color: Material 1: Sandstone Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: SANDSTONE. 00205ER STABLE AT 347.0 FEET. 15500. BEDROCK. SEISMIC VELOCITY = 14000. | | | | Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | |
| Geology Stratum ID: 218385905 Top Depth: 0 Bottom Depth: 42.7 Material Color: Grey Material 1: Limestone Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: LIMESTONE. GREY. | | | | Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | |
| <u>Source</u> | | | | | |
| Source Type: Data Survey Source Orig: Geological Survey of Canada Source Date: 1956-1972 Confidence: Observatio: Source Name: Urban Geology Automated Information System (UGAIS) Source Details: File: OTTAWA1.txt RecordID: 03078 NTS_Sheet: Confiden 1: | | | | Source Appl: Spatial/Tabular Source Ident: 1 Scale or Res: Varies Horizontal: NAD27 Verticalda: Mean Average Sea Level | |
| <u>Source List</u> | | | | | |
| Source Identifier: 1 Source Type: Data Survey Source Date: 1956-1972 Scale or Resolution: Varies Source Name: Urban Geology Automated Information System (UGAIS) Source Originators: Geological Survey of Canada | | | | Horizontal Datum: NAD27 Vertical Datum: Mean Average Sea Level Projection Name: Universal Transverse Mercator | |
| <u>7</u> | 1 of 1 | WSW/0.0 | 117.9/ 1.00 | lot 24 con 4 ON | WWIS |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------|-------------------|----------------------------|------------------|---------------------------|-----------------|
| Well ID: | 1506104 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Industrial | | | Data Entry Status: | |
| Use 2nd: | 0 | | | Data Src: | 1 |
| Final Well Status: | Water Supply | | | Date Received: | 03/17/1964 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | | | | Contractor: | 1802 |
| Tag: | | | | Form Version: | 1 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 024 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | | | |
| Site Info: | | | | | |

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506104.pdf

Additional Detail(s) (Map)

Well Completed Date: 01/27/1964
Year Completed: 1964
Depth (m): 64.008
Latitude: 45.2855055837408
Longitude: -75.8044757577112
X: -75.80447559647506
Y: 45.2855055773608
Path: 150\1506104.pdf

Bore Hole Information

| | | | |
|-------------------------------------|--|-------------------------|---------------------------------|
| Bore Hole ID: | 10028147 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 436910.70 |
| Code OB Desc: | | North83: | 5014982.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 5 |
| Date Completed: | 01/27/1964 | UTMRC Desc: | margin of error : 100 m - 300 m |
| Remarks: | | Location Method: | p5 |
| Location Method Desc: | Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

**Overburden and Bedrock
Materials Interval**

Formation ID: 931003798
Layer: 1
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 140.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931003799 | | | |
| Layer: | | 2 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 18 | | | |
| Material 1 Desc: | | SANDSTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 140.0 | | | |
| Formation End Depth: | | 210.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961506104 | | | |
| Method Construction Code: | | 7 | | | |
| Method Construction: | | Diamond | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10576717 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049041 | | | |
| Layer: | | 2 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 110.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049042 | | | |
| Layer: | | 3 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 210.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|----------------------------|------------------|------|----|
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | 930049040 | | | | |
| Layer: | 1 | | | | |
| Material: | 1 | | | | |
| Open Hole or Material: | STEEL | | | | |
| Depth From: | | | | | |
| Depth To: | 100.0 | | | | |
| Casing Diameter: | 8.0 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | PUMP | | | | |
| Pump Test ID: | 991506104 | | | | |
| Pump Set At: | | | | | |
| Static Level: | 4.0 | | | | |
| Final Level After Pumping: | 150.0 | | | | |
| Recommended Pump Depth: | 150.0 | | | | |
| Pumping Rate: | 40.0 | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | 40.0 | | | | |
| Levels UOM: | ft | | | | |
| Rate UOM: | GPM | | | | |
| Water State After Test Code: | 1 | | | | |
| Water State After Test: | CLEAR | | | | |
| Pumping Test Method: | 1 | | | | |
| Pumping Duration HR: | 3 | | | | |
| Pumping Duration MIN: | 0 | | | | |
| Flowing: | No | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | 933460187 | | | | |
| Layer: | 1 | | | | |
| Kind Code: | 1 | | | | |
| Kind: | FRESH | | | | |
| Water Found Depth: | 205.0 | | | | |
| Water Found Depth UOM: | ft | | | | |

8 1 of 1 S/0.0 114.6 / -2.23 lot 24 con 4 ON WWIS

| | | | |
|----------------------|-----------|--------------------|-----------------|
| Well ID: | 1532255 | Flowing (Y/N): | |
| Construction Date: | | Flow Rate: | |
| Use 1st: | Not Used | Data Entry Status: | |
| Use 2nd: | | Data Src: | 1 |
| Final Well Status: | Test Hole | Date Received: | 09/20/2001 |
| Water Type: | | Selected Flag: | TRUE |
| Casing Material: | | Abandonment Rec: | |
| Audit No: | 234298 | Contractor: | 1119 |
| Tag: | | Form Version: | 1 |
| Constructn Method: | | Owner: | |
| Elevation (m): | | County: | OTTAWA-CARLETON |
| Elevatn Reliability: | | Lot: | 024 |
| Depth to Bedrock: | | Concession: | 04 |
| Well Depth: | | Concession Name: | CON |
| Overburden/Bedrock: | | Easting NAD83: | |
| Pump Rate: | | Northing NAD83: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|---|--------------------------|-------------|--|
| Static Water Level: | | | | | Zone: |
| Clear/Cloudy: | | | | | UTM Reliability: |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | | | | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532255.pdf | | | |
| <u>Additional Detail(s) (Map)</u> | | | | | |
| Well Completed Date: | | 07/26/2001 | | | |
| Year Completed: | | 2001 | | | |
| Depth (m): | | 54.864 | | | |
| Latitude: | | 45.2847340433547 | | | |
| Longitude: | | -75.8028288710701 | | | |
| X: | | -75.80282870938682 | | | |
| Y: | | 45.284734036007166 | | | |
| Path: | | 153\1532255.pdf | | | |
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: | | 10516705 | | | Elevation: |
| DP2BR: | | | | | Elevrc: |
| Spatial Status: | | | | | Zone: 18 |
| Code OB: | | | | | East83: 437039.00 |
| Code OB Desc: | | | | | North83: 5014895.00 |
| Open Hole: | | | | | Org CS: N83 |
| Cluster Kind: | | | | | UTMRC: 3 |
| Date Completed: | | 07/26/2001 | | | UTMRC Desc: margin of error : 10 - 30 m |
| Remarks: | | | | | Location Method: |
| Location Method Desc: | | | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 932832300 | | | |
| Layer: | | 2 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 14.0 | | | |
| Formation End Depth: | | 104.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 932832299 | | | |
| Layer: | | 1 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 05 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| Material 1 Desc: | | CLAY | | | |
| Material 2: | | 81 | | | |
| Material 2 Desc: | | SANDY | | | |
| Material 3: | | 26 | | | |
| Material 3 Desc: | | ROCK | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 14.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| Formation ID: | | 932832301 | | | |
| Layer: | | 3 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 18 | | | |
| Material 1 Desc: | | SANDSTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 104.0 | | | |
| Formation End Depth: | | 180.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| Plug ID: | | 933219705 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 2.0 | | | |
| Plug To: | | 22.0 | | | |
| Plug Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961532255 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 11065275 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930094441 | | | |
| Layer: | | 3 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930094439 | | | |
| Layer: | | 1 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | 8.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930094440 | | | |
| Layer: | | 2 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991532255 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 14.0 | | | |
| Final Level After Pumping: | | 180.0 | | | |
| Recommended Pump Depth: | | 180.0 | | | |
| Pumping Rate: | | 4.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 4.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 2 | | | |
| Water State After Test: | | CLOUDY | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934399854 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 14.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934917262 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 14.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |

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

Pump Test Detail ID: 934116240
Test Type: Recovery
Test Duration: 15
Test Level: 14.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934660376
Test Type: Recovery
Test Duration: 45
Test Level: 14.0
Test Level UOM: ft

Water Details

Water ID: 934008407
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 124.0
Water Found Depth UOM: ft

Water Details

Water ID: 934008408
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 180.0
Water Found Depth UOM: ft

9 1 of 1 S/0.0 113.3 / -3.60 ON **BORE**

| | |
|----------------------------------|---------------------------------|
| Borehole ID: 610564 | Inclin FLG: No |
| OGF ID: 215512077 | SP Status: Initial Entry |
| Status: | Surv Elev: No |
| Type: Borehole | Piezometer: No |
| Use: | Primary Name: |
| Completion Date: JUL-1966 | Municipality: |
| Static Water Level: | Lot: |
| Primary Water Use: | Township: |
| Sec. Water Use: | Latitude DD: 45.2839 |
| Total Depth m: 24.4 | Longitude DD: -75.802541 |
| Depth Ref: Ground Surface | UTM Zone: 18 |
| Depth Elev: | Easting: 437061 |
| Drill Method: | Northing: 5014802 |
| Orig Ground Elev m: 109 | Location Accuracy: |
| Elev Reliabil Note: | Accuracy: Not Applicable |
| DEM Ground Elev m: 110 | |
| Concession: | |
| Location D: | |
| Survey D: | |
| Comments: | |

Borehole Geology Stratum

Geology Stratum ID: 218385894 **Mat Consistency:**
Top Depth: 0 **Material Moisture:**

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------------------------|-------------------------|---------------|---|--|
| Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: | 3 Fill | FILL. | | Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | fill |
| Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: | 218385895 3 24.4 Limestone | | | Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | LIMESTONE. 00022000350. UNSPECIFIED. SEISMIC VELOCITY = 6500. BEDROCK. SEISMIC VELOCITY = **Note: Many records provided by the department have a truncated [Stratum Description] field. |

Source

| | | | |
|--|--|--|---|
| Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1: | Data Survey Geological Survey of Canada 1956-1972 | Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: | Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level |
| | Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 03072 NTS_Sheet: | | |

Source List

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

| <u>10</u> | 1 of 1 | S/0.0 | 113.3 / -3.60 | lot 24 con 4 ON | WWIS |
|--|--|-------|---------------|---|--|
| Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: | 1506106 Industrial 0 Water Supply Water Supply | | | Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: | 1 12/14/1966 TRUE 1802 1 OTTAWA-CARLETON 024 04 RF |
| | NEPEAN TOWNSHIP | | | | |

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

Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506106.pdf

Additional Detail(s) (Map)

Well Completed Date: 07/07/1966
Year Completed: 1966
Depth (m): 24.384
Latitude: 45.2838989327874
Longitude: -75.8025403940659
X: -75.80254023266743
Y: 45.28389892599604
Path: 150\1506106.pdf

Bore Hole Information

| | | | |
|-------------------------------------|--|-------------------------|---------------------------------|
| Bore Hole ID: | 10028149 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437060.70 |
| Code OB Desc: | | North83: | 5014802.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 5 |
| Date Completed: | 07/07/1966 | UTMRC Desc: | margin of error : 100 m - 300 m |
| Remarks: | | Location Method: | p5 |
| Location Method Desc: | Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

Formation ID: 931003802
Layer: 1
Color:
General Color:
Material 1: 01
Material 1 Desc: FILL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931003803
Layer: 2
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 10.0 | | | |
| Formation End Depth: | | 80.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961506106 | | | |
| Method Construction Code: | | 7 | | | |
| Method Construction: | | Diamond | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10576719 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049045 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 20.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049046 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 80.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991506106 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 20.0 | | | |
| Final Level After Pumping: | | 50.0 | | | |
| Recommended Pump Depth: | | 70.0 | | | |
| Pumping Rate: | | 4.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 3.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 1 | | | |
| Water State After Test: | | CLEAR | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------|-------------------|----------------------------|------------------|------|----|
| Pumping Duration MIN: | | 30 | | | |
| Flowing: | | No | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933460189 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 22.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| <u>11</u> | 1 of 3 | NE/0.0 | 111.9 / -5.00 | lot 25 con 4 ON | WWIS |
|----------------------------|-----------------|--------|---------------|---------------------------|-----------------|
| Well ID: | 1531508 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Domestic | | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | 1 |
| Final Well Status: | Water Supply | | | Date Received: | 11/16/2000 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | 224685 | | | Contractor: | 1558 |
| Tag: | | | | Form Version: | 1 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 025 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | | | |
| Site Info: | | | | | |

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1531508.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/24/2000
Year Completed: 2000
Depth (m): 29.8704
Latitude: 45.2896105890202
Longitude: -75.8005856740862
X: -75.8005855122473
Y: 45.28961058205006
Path: 153\1531508.pdf

Bore Hole Information

| | | | |
|------------------------------|--------------|-------------------------|-------------|
| Bore Hole ID: | 10053042 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437220.30 |
| Code OB Desc: | | North83: | 5015435.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 10/24/2000 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | lot |
| Location Method Desc: | Lot centroid | | |
| Elevrc Desc: | | | |

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

Overburden and Bedrock
Materials Interval

Formation ID: 931078710
Layer: 2
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2: 90
Material 2 Desc: VERY
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 3.0
Formation End Depth: 98.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931078709
Layer: 1
Color: 6
General Color: BROWN
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933116679
Layer: 1
Plug From: 0.0
Plug To: 21.0
Plug Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961531508
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10601612
Casing No: 1
Comment:

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <i>Alt Name:</i> | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| <i>Casing ID:</i> | | 930092838 | | | |
| <i>Layer:</i> | | 2 | | | |
| <i>Material:</i> | | 4 | | | |
| <i>Open Hole or Material:</i> | | OPEN HOLE | | | |
| <i>Depth From:</i> | | | | | |
| <i>Depth To:</i> | | | | | |
| <i>Casing Diameter:</i> | | 6.0 | | | |
| <i>Casing Diameter UOM:</i> | | inch | | | |
| <i>Casing Depth UOM:</i> | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| <i>Casing ID:</i> | | 930092837 | | | |
| <i>Layer:</i> | | 1 | | | |
| <i>Material:</i> | | 1 | | | |
| <i>Open Hole or Material:</i> | | STEEL | | | |
| <i>Depth From:</i> | | | | | |
| <i>Depth To:</i> | | | | | |
| <i>Casing Diameter:</i> | | 6.0 | | | |
| <i>Casing Diameter UOM:</i> | | inch | | | |
| <i>Casing Depth UOM:</i> | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| <i>Pumping Test Method Desc:</i> | | PUMP | | | |
| <i>Pump Test ID:</i> | | 991531508 | | | |
| <i>Pump Set At:</i> | | | | | |
| <i>Static Level:</i> | | 6.0 | | | |
| <i>Final Level After Pumping:</i> | | 45.0 | | | |
| <i>Recommended Pump Depth:</i> | | 60.0 | | | |
| <i>Pumping Rate:</i> | | 6.0 | | | |
| <i>Flowing Rate:</i> | | | | | |
| <i>Recommended Pump Rate:</i> | | 5.0 | | | |
| <i>Levels UOM:</i> | | ft | | | |
| <i>Rate UOM:</i> | | GPM | | | |
| <i>Water State After Test Code:</i> | | 2 | | | |
| <i>Water State After Test:</i> | | CLOUDY | | | |
| <i>Pumping Test Method:</i> | | 1 | | | |
| <i>Pumping Duration HR:</i> | | 1 | | | |
| <i>Pumping Duration MIN:</i> | | | | | |
| <i>Flowing:</i> | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 934397125 | | | |
| <i>Test Type:</i> | | Draw Down | | | |
| <i>Test Duration:</i> | | 30 | | | |
| <i>Test Level:</i> | | 60.0 | | | |
| <i>Test Level UOM:</i> | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 934657643 | | | |
| <i>Test Type:</i> | | Draw Down | | | |
| <i>Test Duration:</i> | | 45 | | | |
| <i>Test Level:</i> | | 60.0 | | | |
| <i>Test Level UOM:</i> | | ft | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934112953 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 95.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934914534 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 45.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933491986 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 88.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| | | | | | |
|----------------------------|---|--------|---------------|---------------------------|-----------------|
| <u>11</u> | 2 of 3 | NE/0.0 | 111.9 / -5.00 | lot 25 con 4 ON | WWIS |
| Well ID: | 1532252 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Domestic | | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | 1 |
| Final Well Status: | Water Supply | | | Date Received: | 09/20/2001 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | 234296 | | | Contractor: | 1119 |
| Tag: | | | | Form Version: | 1 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 025 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | | | |
| Site Info: | | | | | |
| PDF URL (Map): | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532252.pdf | | | | |

Additional Detail(s) (Map)

| | |
|-----------------------------|-------------------|
| Well Completed Date: | 07/25/2001 |
| Year Completed: | 2001 |
| Depth (m): | 36.576 |
| Latitude: | 45.2896105890202 |
| Longitude: | -75.8005856740862 |
| X: | -75.8005855122473 |
| Y: | 45.28961058205006 |
| Path: | 153\1532252.pdf |

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

Bore Hole Information

| | | | |
|-------------------------------------|--------------|-------------------------|-------------|
| Bore Hole ID: | 10516702 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437220.30 |
| Code OB Desc: | | North83: | 5015435.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 07/25/2001 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | lot |
| Location Method Desc: | Lot centroid | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| Formation ID: | 932832293 |
| Layer: | 1 |
| Color: | 2 |
| General Color: | GREY |
| Material 1: | 15 |
| Material 1 Desc: | LIMESTONE |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 0.0 |
| Formation End Depth: | 32.0 |
| Formation End Depth UOM: | ft |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| Formation ID: | 932832294 |
| Layer: | 2 |
| Color: | 2 |
| General Color: | GREY |
| Material 1: | 18 |
| Material 1 Desc: | SANDSTONE |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 32.0 |
| Formation End Depth: | 120.0 |
| Formation End Depth UOM: | ft |

Annular Space/Abandonment

Sealing Record

| | |
|------------------------|-----------|
| Plug ID: | 933219702 |
| Layer: | 1 |
| Plug From: | 2.0 |
| Plug To: | 22.0 |
| Plug Depth UOM: | ft |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961532252 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 11065272 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930094432 | | | |
| Layer: | | 3 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930094430 | | | |
| Layer: | | 1 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | 8.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930094431 | | | |
| Layer: | | 2 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991532252 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 8.0 | | | |
| Final Level After Pumping: | | 110.0 | | | |
| Recommended Pump Depth: | | 110.0 | | | |
| Pumping Rate: | | 12.0 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 12.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 2 | | | |
| Water State After Test: | | CLOUDY | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934660373 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 8.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934917259 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 8.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934116237 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 8.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934399851 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 8.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 934008403 | | | |
| Layer: | | 2 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 96.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 934008402 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 42.0 | | | |
| Water Found Depth UOM: | | ft | | | |

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

Water Details

Water ID: 934008404
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 113.0
Water Found Depth UOM: ft

[11](#) 3 of 3 **NE/0.0** **111.9 / -5.00** **lot 25 con 4 ON** **WWIS**

| | |
|---|--|
| Well ID: 1534354 Construction Date: Use 1st: Not Used Use 2nd: Final Well Status: Test Hole Water Type: Casing Material: Audit No: 265645 Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: NEPEAN TOWNSHIP Site Info: | Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 11/18/2003 Selected Flag: TRUE Abandonment Rec: Contractor: 1119 Form Version: 2 Owner: County: OTTAWA-CARLETON Lot: 025 Concession: 04 Concession Name: RF Easting NAD83: Northing NAD83: Zone: UTM Reliability: |
|---|--|

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1534354.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/14/2003
Year Completed: 2003
Depth (m): 55.4736
Latitude: 45.2896105890202
Longitude: -75.8005856740862
X: -75.8005855122473
Y: 45.28961058205006
Path: 153\1534354.pdf

Bore Hole Information

| | |
|--|--|
| Bore Hole ID: 11097404 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 10/14/2003 Remarks: Location Method Desc: Lot centroid Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: | Elevation: Elevrc: Zone: 18 East83: 437220.30 North83: 5015435.00 Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: lot |
|--|--|

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | | 932942198 | | |
| Layer: | | | 2 | | |
| Color: | | | 2 | | |
| General Color: | | | GREY | | |
| Material 1: | | | 15 | | |
| Material 1 Desc: | | | LIMESTONE | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | | 1.0 | | |
| Formation End Depth: | | | 100.0 | | |
| Formation End Depth UOM: | | | ft | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | | 932942197 | | |
| Layer: | | | 1 | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | | 05 | | |
| Material 1 Desc: | | | CLAY | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | | 0.0 | | |
| Formation End Depth: | | | 1.0 | | |
| Formation End Depth UOM: | | | ft | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | | 932942199 | | |
| Layer: | | | 3 | | |
| Color: | | | 2 | | |
| General Color: | | | GREY | | |
| Material 1: | | | 18 | | |
| Material 1 Desc: | | | SANDSTONE | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | | 100.0 | | |
| Formation End Depth: | | | 182.0 | | |
| Formation End Depth UOM: | | | ft | | |
| <u>Annular Space/Abandonment</u> | | | | | |
| <u>Sealing Record</u> | | | | | |
| Plug ID: | | | 933245177 | | |
| Layer: | | | 1 | | |
| Plug From: | | | 0.0 | | |
| Plug To: | | | 21.0 | | |
| Plug Depth UOM: | | | ft | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|--------------------------------|----------------------|-------------|-----------|
|----------------|--------------------------|--------------------------------|----------------------|-------------|-----------|

Method of Construction & Well Use

Method Construction ID: 961534354
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11101119
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930832183
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 182.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930832182
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 23.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991534354
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 170.0
Recommended Pump Depth: 170.0
Pumping Rate: 3.0
Flowing Rate:
Recommended Pump Rate: 3.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|--------------------|------|
| Pump Test Detail ID: 934915666 | | | | | |
| Test Type: Recovery | | | | | |
| Test Duration: 60 | | | | | |
| Test Level: 26.0 | | | | | |
| Test Level UOM: ft | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: 934657802 | | | | | |
| Test Type: Recovery | | | | | |
| Test Duration: 45 | | | | | |
| Test Level: 62.0 | | | | | |
| Test Level UOM: ft | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: 934114228 | | | | | |
| Test Type: Recovery | | | | | |
| Test Duration: 15 | | | | | |
| Test Level: 134.0 | | | | | |
| Test Level UOM: ft | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: 934397842 | | | | | |
| Test Type: Recovery | | | | | |
| Test Duration: 30 | | | | | |
| Test Level: 98.0 | | | | | |
| Test Level UOM: ft | | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: 934042609 | | | | | |
| Layer: 1 | | | | | |
| Kind Code: 5 | | | | | |
| Kind: Not stated | | | | | |
| Water Found Depth: 160.0 | | | | | |
| Water Found Depth UOM: ft | | | | | |
| 12 | 1 of 1 | NE/0.0 | 111.9 / -5.00 | lot 25 con 4 ON | WWIS |
| Well ID: 1530757 | | | | | |
| Construction Date: Domestic | | | | | |
| Use 1st: Domestic | | | | | |
| Use 2nd: Water Supply | | | | | |
| Final Well Status: Water Supply | | | | | |
| Water Type: | | | | | |
| Casing Material: | | | | | |
| Audit No: 208218 | | | | | |
| Tag: | | | | | |
| Constructn Method: | | | | | |
| Elevation (m): | | | | | |
| Elevatn Reliability: | | | | | |
| Depth to Bedrock: | | | | | |
| Well Depth: | | | | | |
| Overburden/Bedrock: | | | | | |
| Pump Rate: | | | | | |
| Static Water Level: | | | | | |
| Clear/Cloudy: | | | | | |
| Flowing (Y/N): | | | | | |
| Flow Rate: | | | | | |
| Data Entry Status: | | | | | |
| Data Src: 1 | | | | | |
| Date Received: 09/21/1999 | | | | | |
| Selected Flag: TRUE | | | | | |
| Abandonment Rec: | | | | | |
| Contractor: 3323 | | | | | |
| Form Version: 1 | | | | | |
| Owner: | | | | | |
| County: OTTAWA-CARLETON | | | | | |
| Lot: 025 | | | | | |
| Concession: 04 | | | | | |
| Concession Name: RF | | | | | |
| Easting NAD83: | | | | | |
| Northing NAD83: | | | | | |
| Zone: | | | | | |
| UTM Reliability: | | | | | |

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

Municipality:
Site Info: NEPEAN TOWNSHIP

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1530757.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/04/1999
Year Completed: 1999
Depth (m): 36.576
Latitude: 45.2896018923247
Longitude: -75.8005421938908
X: -75.80054203290432
Y: 45.28960188529131
Path: 153\1530757.pdf

Bore Hole Information

| | | | |
|------------------------------|--------------|------------------|-------------|
| Bore Hole ID: | 10052291 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437223.70 |
| Code OB Desc: | | North83: | 5015434.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 09/04/1999 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | lot |
| Location Method Desc: | Lot centroid | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

Formation ID: 931076505
Layer: 3
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 45.0
Formation End Depth: 120.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931076503
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 7.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931076504 | | | |
| Layer: | | 2 | | | |
| Color: | | 6 | | | |
| General Color: | | BROWN | | | |
| Material 1: | | 18 | | | |
| Material 1 Desc: | | SANDSTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 7.0 | | | |
| Formation End Depth: | | 45.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| | | | | | |
| <u>Annular Space/Abandonment</u> | | | | | |
| <u>Sealing Record</u> | | | | | |
| Plug ID: | | 933115908 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 0.0 | | | |
| Plug To: | | 22.0 | | | |
| Plug Depth UOM: | | ft | | | |
| | | | | | |
| <u>Method of Construction & Well</u> | | | | | |
| <u>Use</u> | | | | | |
| Method Construction ID: | | 961530757 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10600861 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930091288 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 22.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| | | | | | |
| <u>Results of Well Yield Testing</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991530757 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 9.0 | | | |
| Final Level After Pumping: | | 120.0 | | | |
| Recommended Pump Depth: | | 80.0 | | | |
| Pumping Rate: | | 10.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 8.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 1 | | | |
| Water State After Test: | | CLEAR | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934663539 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 15.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934385716 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 21.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934120095 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 45.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934903271 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 10.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933491001 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 45.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|------------------------|-------------------|----------------------------|------------------|------|----|
| Water ID: | | 933491002 | | | |
| Layer: | | 2 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 110.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| | | | | | |
|----------------------|-----------------|--------|---------------|--------------------|-----------------|
| 13 | 1 of 1 | NE/0.0 | 111.9 / -5.00 | lot 25 con 4 ON | WWIS |
| Well ID: | 1530383 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Domestic | | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | 1 |
| Final Well Status: | Abandoned-Other | | | Date Received: | 12/18/1998 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | 192653 | | | Contractor: | 2558 |
| Tag: | | | | Form Version: | 1 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliability: | | | | Lot: | 025 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | | | |
| Site Info: | | | | | |

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1530383.pdf

Additional Detail(s) (Map)

Well Completed Date: 11/24/1998
Year Completed: 1998
Depth (m):
Latitude: 45.289601919138
Longitude: -75.800538368576
X: -75.80053820787913
Y: 45.289601912466544
Path: 153\1530383.pdf

Bore Hole Information

Bore Hole ID: 10051918
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/24/1998
Remarks:
Location Method Desc: Lot centroid
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 437224.00
North83: 5015434.00
Org CS: N83
UTMRC: 8
UTMRC Desc: margin of error : 3 km - 10 km
Location Method: lot

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

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933115527
 Layer: 2
 Plug From: 0.0
 Plug To: 40.0
 Plug Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933115526
 Layer: 1
 Plug From: 40.0
 Plug To: 68.0
 Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961530383
 Method Construction Code: 0
 Method Construction: Not Known
 Other Method Construction:

Pipe Information

Pipe ID: 10600488
 Casing No: 1
 Comment:
 Alt Name:

14 1 of 1 SSW/0.0 116.7 / -0.18 lot 24 con 4 ON WWIS

| | | | |
|---------------------|-----------------|--------------------|-----------------|
| Well ID: | 1506105 | Flowing (Y/N): | |
| Construction Date: | | Flow Rate: | |
| Use 1st: | Industrial | Data Entry Status: | |
| Use 2nd: | 0 | Data Src: | 1 |
| Final Well Status: | Water Supply | Date Received: | 02/14/1968 |
| Water Type: | | Selected Flag: | TRUE |
| Casing Material: | | Abandonment Rec: | |
| Audit No: | | Contractor: | 1802 |
| Tag: | | Form Version: | 1 |
| Constructn Method: | | Owner: | |
| Elevation (m): | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | Lot: | 024 |
| Depth to Bedrock: | | Concession: | 04 |
| Well Depth: | | Concession Name: | RF |
| Overburden/Bedrock: | | Easting NAD83: | |
| Pump Rate: | | Northing NAD83: | |
| Static Water Level: | | Zone: | |
| Clear/Cloudy: | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | |
| Site Info: | | | |

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506105.pdf

Additional Detail(s) (Map)

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-----------------------------|-------------------|----------------------------|------------------|------|----|
| Well Completed Date: | | 01/06/1966 | | | |
| Year Completed: | | 1966 | | | |
| Depth (m): | | 21.336 | | | |
| Latitude: | | 45.2832554366769 | | | |
| Longitude: | | -75.8044439533989 | | | |
| X: | | -75.80444379182343 | | | |
| Y: | | 45.283255430390305 | | | |
| Path: | | 150\1506105.pdf | | | |

Bore Hole Information

| | | | |
|-------------------------------------|--|-------------------------|---------------------------------|
| Bore Hole ID: | 10028148 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 436910.70 |
| Code OB Desc: | | North83: | 5014732.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 5 |
| Date Completed: | 01/06/1966 | UTMRC Desc: | margin of error : 100 m - 300 m |
| Remarks: | | Location Method: | p5 |
| Location Method Desc: | Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| Formation ID: | 931003800 |
| Layer: | 1 |
| Color: | |
| General Color: | |
| Material 1: | 01 |
| Material 1 Desc: | FILL |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 0.0 |
| Formation End Depth: | 10.0 |
| Formation End Depth UOM: | ft |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| Formation ID: | 931003801 |
| Layer: | 2 |
| Color: | |
| General Color: | |
| Material 1: | 15 |
| Material 1 Desc: | LIMESTONE |
| Material 2: | |
| Material 2 Desc: | |
| Material 3: | |
| Material 3 Desc: | |
| Formation Top Depth: | 10.0 |
| Formation End Depth: | 70.0 |
| Formation End Depth UOM: | ft |

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

Method of Construction & Well Use

Method Construction ID: 961506105
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10576718
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049044
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 70.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049043
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 13.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991506105
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 65.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 1.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Water Details

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|------------------------|-------------------|----------------------------|------------------|------|----|
| Water ID: | | 933460188 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 20.0 | | | |
| Water Found Depth UOM: | | ft | | | |

[15](#) 1 of 1 NE/26.5 109.9 / -7.00 lot 25 con 4 ON WWIS

| | | | |
|-----------------------------|-----------------|---------------------------|-----------------|
| Well ID: | 1518657 | Flowing (Y/N): | |
| Construction Date: | | Flow Rate: | |
| Use 1st: | Domestic | Data Entry Status: | |
| Use 2nd: | 0 | Data Src: | 1 |
| Final Well Status: | Water Supply | Date Received: | 11/24/1983 |
| Water Type: | | Selected Flag: | TRUE |
| Casing Material: | | Abandonment Rec: | |
| Audit No: | | Contractor: | 1558 |
| Tag: | | Form Version: | 1 |
| Constructn Method: | | Owner: | |
| Elevation (m): | | County: | OTTAWA-CARLETON |
| Elevatn Reliability: | | Lot: | 025 |
| Depth to Bedrock: | | Concession: | 04 |
| Well Depth: | | Concession Name: | RF |
| Overburden/Bedrock: | | Easting NAD83: | |
| Pump Rate: | | Northing NAD83: | |
| Static Water Level: | | Zone: | |
| Clear/Cloudy: | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | |
| Site Info: | | | |

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518657.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/15/1983
Year Completed: 1983
Depth (m): 45.72
Latitude: 45.2922034439488
Longitude: -75.7979516998533
X: -75.79795153840043
Y: 45.29220343707344
Path: 151\1518657.pdf

Bore Hole Information

| | | | |
|-------------------------------------|---|-------------------------|--------------------------------|
| Bore Hole ID: | 10040527 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437429.70 |
| Code OB Desc: | | North83: | 5015721.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 4 |
| Date Completed: | 08/15/1983 | UTMRC Desc: | margin of error : 30 m - 100 m |
| Remarks: | | Location Method: | p4 |
| Location Method Desc: | Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931039108 | | | |
| Layer: | | 3 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 18 | | | |
| Material 1 Desc: | | SANDSTONE | | | |
| Material 2: | | 73 | | | |
| Material 2 Desc: | | HARD | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 11.0 | | | |
| Formation End Depth: | | 150.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931039106 | | | |
| Layer: | | 1 | | | |
| Color: | | 6 | | | |
| General Color: | | BROWN | | | |
| Material 1: | | 05 | | | |
| Material 1 Desc: | | CLAY | | | |
| Material 2: | | 01 | | | |
| Material 2 Desc: | | FILL | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 8.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931039107 | | | |
| Layer: | | 2 | | | |
| Color: | | 6 | | | |
| General Color: | | BROWN | | | |
| Material 1: | | 28 | | | |
| Material 1 Desc: | | SAND | | | |
| Material 2: | | 11 | | | |
| Material 2 Desc: | | GRAVEL | | | |
| Material 3: | | 79 | | | |
| Material 3 Desc: | | PACKED | | | |
| Formation Top Depth: | | 8.0 | | | |
| Formation End Depth: | | 11.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Method of Construction & Well</u> | | | | | |
| <u>Use</u> | | | | | |
| Method Construction ID: | | 961518657 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10589097 | | | |

| <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> |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| Casing No: | 1 | | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | 930070749 | | | | |
| Layer: | 1 | | | | |
| Material: | 1 | | | | |
| Open Hole or Material: | STEEL | | | | |
| Depth From: | | | | | |
| Depth To: | 22.0 | | | | |
| Casing Diameter: | 6.0 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | 930070751 | | | | |
| Layer: | 3 | | | | |
| Material: | 4 | | | | |
| Open Hole or Material: | OPEN HOLE | | | | |
| Depth From: | | | | | |
| Depth To: | 150.0 | | | | |
| Casing Diameter: | 6.0 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | 930070750 | | | | |
| Layer: | 2 | | | | |
| Material: | 4 | | | | |
| Open Hole or Material: | OPEN HOLE | | | | |
| Depth From: | | | | | |
| Depth To: | 100.0 | | | | |
| Casing Diameter: | 6.0 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | PUMP | | | | |
| Pump Test ID: | 991518657 | | | | |
| Pump Set At: | | | | | |
| Static Level: | 30.0 | | | | |
| Final Level After Pumping: | 100.0 | | | | |
| Recommended Pump Depth: | 125.0 | | | | |
| Pumping Rate: | 7.0 | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | 5.0 | | | | |
| Levels UOM: | ft | | | | |
| Rate UOM: | GPM | | | | |
| Water State After Test Code: | 1 | | | | |
| Water State After Test: | CLEAR | | | | |
| Pumping Test Method: | 1 | | | | |
| Pumping Duration HR: | 1 | | | | |
| Pumping Duration MIN: | 0 | | | | |
| Flowing: | No | | | | |
| <u>Draw Down & Recovery</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| Pump Test Detail ID: 934103969 | | | | | |
| Test Type: Draw Down | | | | | |
| Test Duration: 15 | | | | | |
| Test Level: 100.0 | | | | | |
| Test Level UOM: ft | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: 934649955 | | | | | |
| Test Type: Draw Down | | | | | |
| Test Duration: 45 | | | | | |
| Test Level: 100.0 | | | | | |
| Test Level UOM: ft | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: 934899494 | | | | | |
| Test Type: Draw Down | | | | | |
| Test Duration: 60 | | | | | |
| Test Level: 100.0 | | | | | |
| Test Level UOM: ft | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: 934379974 | | | | | |
| Test Type: Draw Down | | | | | |
| Test Duration: 30 | | | | | |
| Test Level: 100.0 | | | | | |
| Test Level UOM: ft | | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: 933475423 | | | | | |
| Layer: 1 | | | | | |
| Kind Code: 1 | | | | | |
| Kind: FRESH | | | | | |
| Water Found Depth: 70.0 | | | | | |
| Water Found Depth UOM: ft | | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: 933475424 | | | | | |
| Layer: 2 | | | | | |
| Kind Code: 1 | | | | | |
| Kind: FRESH | | | | | |
| Water Found Depth: 145.0 | | | | | |
| Water Found Depth UOM: ft | | | | | |

16 1 of 1 **NE/99.8** **108.7 / -8.15** **ON** **BORE**

| | | | |
|----------------------------|-----------|----------------------|---------------|
| Borehole ID: | 610589 | Inclin FLG: | No |
| OGF ID: | 215512102 | 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: | 45.292311 |
| Total Depth m: | -999 | Longitude DD: | -75.796921 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------|-------------------|----------------------------|------------------|---------------------------|----------------|
| Depth Ref: | | Ground Surface | | UTM Zone: | 18 |
| Depth Elev: | | | | Easting: | 437511 |
| Drill Method: | | | | Northing: | 5015732 |
| Orig Ground Elev m: | 106 | | | Location Accuracy: | |
| Elev Reliabil Note: | | | | Accuracy: | Not Applicable |
| DEM Ground Elev m: | 107 | | | | |
| Concession: | | | | | |
| Location D: | | | | | |
| Survey D: | | | | | |
| Comments: | | | | | |

Borehole Geology Stratum

| | | | | | |
|----------------------------------|---|--|--|----------------------------|--|
| Geology Stratum ID: | 218385954 | | | Mat Consistency: | |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | | | | Material Texture: | |
| Material Color: | Grey | | | Non Geo Mat Type: | |
| Material 1: | Bedrock | | | Geologic Formation: | |
| Material 2: | Sandstone | | | Geologic Group: | |
| Material 3: | | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | BEDROCK,SANDSTONE. 0075STONE. GREY. LIMESTONE. GREY. 001350005000150ROCK. SEISMIC VE | | | | |
| | **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 Ident: | 1 |
| Source Date: | 1956-1972 | Scale or Res: | Varies |
| Confidence: | M | Horizontal: | NAD27 |
| Observatio: | | Verticalda: | Mean Average Sea Level |
| Source Name: | Urban Geology Automated Information System (UGAIS) | | |
| Source Details: | File: OTTAWA1.txt RecordID: 030970 NTS_Sheet: 31G05C | | |
| Confiden 1: | Reliable information but incomplete. | | |

Source List

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

| <u>17</u> | 1 of 1 | NE/122.2 | 108.2 / -8.68 | lot 25 con 4 ON | WWIS |
|----------------------------|--------------|----------|---------------|---------------------------|-----------------|
| Well ID: | 1506118 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Domestic | | | Data Entry Status: | |
| Use 2nd: | 0 | | | Data Src: | 1 |
| Final Well Status: | Water Supply | | | Date Received: | 10/10/1967 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | | | | Contractor: | 1503 |
| Tag: | | | | Form Version: | 1 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 025 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|---|------------------|-------------------------|---------------------------------|
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | | | | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506118.pdf | | | |
| <u>Additional Detail(s) (Map)</u> | | | | | |
| Well Completed Date: | | 09/21/1967 | | | |
| Year Completed: | | 1967 | | | |
| Depth (m): | | 18.8976 | | | |
| Latitude: | | 45.2930751574722 | | | |
| Longitude: | | -75.7968671595432 | | | |
| X: | | -75.79686699904977 | | | |
| Y: | | 45.293075150391545 | | | |
| Path: | | 150\1506118.pdf | | | |
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: | | 10028161 | | Elevation: | |
| DP2BR: | | | | Elevrc: | |
| Spatial Status: | | | | Zone: | 18 |
| Code OB: | | | | East83: | 437515.70 |
| Code OB Desc: | | | | North83: | 5015817.00 |
| Open Hole: | | | | Org CS: | |
| Cluster Kind: | | | | UTMRC: | 5 |
| Date Completed: | | 09/21/1967 | | UTMRC Desc: | margin of error : 100 m - 300 m |
| Remarks: | | | | Location Method: | p5 |
| Location Method Desc: | | Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931003827 | | | |
| Layer: | | 1 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 18 | | | |
| Material 1 Desc: | | SANDSTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 62.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961506118 | | | |
| Method Construction Code: | | 1 | | | |
| Method Construction: | | Cable Tool | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10576731 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049069 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 20.0 | | | |
| Casing Diameter: | | 5.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049070 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 62.0 | | | |
| Casing Diameter: | | 5.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991506118 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 10.0 | | | |
| Final Level After Pumping: | | 30.0 | | | |
| Recommended Pump Depth: | | 50.0 | | | |
| Pumping Rate: | | 10.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 5.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 1 | | | |
| Water State After Test: | | CLEAR | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | 0 | | | |
| Flowing: | | No | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933460202 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 60.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|---|------------------|--|------|
| 18 | 1 of 1 | SW/160.6 | 118.9 / 2.05 | 965 MOODIE DRIVE lot 24 con 4 NEPEAN ON | WWIS |
| Well ID: | | 1535311 | | Flowing (Y/N): | |
| Construction Date: | | Domestic | | Flow Rate: | |
| Use 1st: | | Water Supply | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | |
| Final Well Status: | | | | Date Received: 01/10/2005 | |
| Water Type: | | | | Selected Flag: TRUE | |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | | Z14700 | | Contractor: 1119 | |
| Tag: | | A023103 | | Form Version: 3 | |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: OTTAWA-CARLETON | |
| Elevatn Reliabilty: | | | | Lot: 024 | |
| Depth to Bedrock: | | | | Concession: 04 | |
| Well Depth: | | | | Concession Name: | |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | | | | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535311.pdf | | | |
| <u>Additional Detail(s) (Map)</u> | | | | | |
| Well Completed Date: | | 12/17/2004 | | | |
| Year Completed: | | 2004 | | | |
| Depth (m): | | 67.05 | | | |
| Latitude: | | 45.2826428953516 | | | |
| Longitude: | | -75.8070581249574 | | | |
| X: | | -75.80705796394548 | | | |
| Y: | | 45.282642888517906 | | | |
| Path: | | 153\1535311.pdf | | | |
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: | | 11328957 | | Elevation: | |
| DP2BR: | | | | Elevrc: | |
| Spatial Status: | | | | Zone: 18 | |
| Code OB: | | | | East83: 436705.00 | |
| Code OB Desc: | | | | North83: 5014666.00 | |
| Open Hole: | | | | Org CS: UTM83 | |
| Cluster Kind: | | | | UTMRC: 9 | |
| Date Completed: | | 12/17/2004 | | UTMRC Desc: unknown UTM | |
| Remarks: | | | | | |
| Location Method Desc: | | on Water Well Record | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 932996074 | | | |
| Layer: | | 2 | | | |
| Color: | | 2 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 1.5199999809265137 | | | |
| Formation End Depth: | | 48.7599983215332 | | | |
| Formation End Depth UOM: | | m | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 932996073 | | | |
| Layer: | | 1 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 26 | | | |
| Material 1 Desc: | | ROCK | | | |
| Material 2: | | 02 | | | |
| Material 2 Desc: | | TOPSOIL | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 1.5199999809265137 | | | |
| Formation End Depth UOM: | | m | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 932996075 | | | |
| Layer: | | 3 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | 18 | | | |
| Material 2 Desc: | | SANDSTONE | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 48.7599983215332 | | | |
| Formation End Depth: | | 67.05000305175781 | | | |
| Formation End Depth UOM: | | m | | | |
| <u>Annular Space/Abandonment</u> | | | | | |
| <u>Sealing Record</u> | | | | | |
| Plug ID: | | 933284277 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 6.090000152587891 | | | |
| Plug To: | | 0.0 | | | |
| Plug Depth UOM: | | m | | | |
| <u>Method of Construction & Well</u> | | | | | |
| <u>Use</u> | | | | | |
| Method Construction ID: | | 961535311 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 11343812 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930855049 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | 6.090000152587891 | | | |
| Depth To: | | 67.05000305175781 | | | |
| Casing Diameter: | | | | | |
| Casing Diameter UOM: | | cm | | | |
| Casing Depth UOM: | | m | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930855048 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | 0.0 | | | |
| Depth To: | | 6.699999809265137 | | | |
| Casing Diameter: | | 15.880000114440918 | | | |
| Casing Diameter UOM: | | cm | | | |
| Casing Depth UOM: | | m | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 11353731 | | | |
| Pump Set At: | | 36.56999969482422 | | | |
| Static Level: | | 4.650000095367432 | | | |
| Final Level After Pumping: | | 17.649999618530273 | | | |
| Recommended Pump Depth: | | 36.56999969482422 | | | |
| Pumping Rate: | | 91.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 91.0 | | | |
| Levels UOM: | | m | | | |
| Rate UOM: | | LPM | | | |
| Water State After Test Code: | | | | | |
| Water State After Test: | | | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515421 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 5 | | | |
| Test Level: | | 7.650000095367432 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515427 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Test Type: | | Recovery | | | |
| Test Duration: | | 40 | | | |
| Test Level: | | 4.639999866485596 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515403 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 0 | | | |
| Test Level: | | 16.649999618530273 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515412 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 15.510000228881836 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515406 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 3 | | | |
| Test Level: | | 9.649999618530273 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515410 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 13.5600004196167 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515423 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 5.53000020980835 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515404 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 1 | | | |
| Test Level: | | 6.099999904632568 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515408 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 5 | | | |
| Test Level: | | 12.100000381469727 | | | |
| Test Level UOM: | | m | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11515409 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 10 | | |
| Test Level: | | | 13.119999885559082 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11515416 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 60 | | |
| Test Level: | | | 17.649999618530273 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11515402 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 0 | | |
| Test Level: | | | 4.650000095367432 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11515414 | | |
| Test Type: | | | Draw Down | | |
| Test Duration: | | | 40 | | |
| Test Level: | | | 17.100000381469727 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11515417 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 1 | | |
| Test Level: | | | 12.199999809265137 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11515420 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 4 | | |
| Test Level: | | | 8.0 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | | 11515422 | | |
| Test Type: | | | Recovery | | |
| Test Duration: | | | 10 | | |
| Test Level: | | | 6.429999828338623 | | |
| Test Level UOM: | | | m | | |
| <u>Draw Down & Recovery</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Pump Test Detail ID: | | 11515429 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 4.639999866485596 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515407 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 4 | | | |
| Test Level: | | 11.279999732971191 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515415 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 50 | | | |
| Test Level: | | 17.43000030517578 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515419 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 3 | | | |
| Test Level: | | 8.890000343322754 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515425 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 4.639999866485596 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515428 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 50 | | | |
| Test Level: | | 4.639999866485596 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515405 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 2 | | | |
| Test Level: | | 8.699999809265137 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11515411 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 20 | | | |
| Test Level: | | 14.649999618530273 | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <i>Test Level UOM:</i> | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 11515413 | | | |
| <i>Test Type:</i> | | Draw Down | | | |
| <i>Test Duration:</i> | | 30 | | | |
| <i>Test Level:</i> | | 16.299999237060547 | | | |
| <i>Test Level UOM:</i> | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 11515418 | | | |
| <i>Test Type:</i> | | Recovery | | | |
| <i>Test Duration:</i> | | 2 | | | |
| <i>Test Level:</i> | | 9.890000343322754 | | | |
| <i>Test Level UOM:</i> | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 11515426 | | | |
| <i>Test Type:</i> | | Recovery | | | |
| <i>Test Duration:</i> | | 30 | | | |
| <i>Test Level:</i> | | 4.639999866485596 | | | |
| <i>Test Level UOM:</i> | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| <i>Pump Test Detail ID:</i> | | 11515424 | | | |
| <i>Test Type:</i> | | Recovery | | | |
| <i>Test Duration:</i> | | 20 | | | |
| <i>Test Level:</i> | | 4.639999866485596 | | | |
| <i>Test Level UOM:</i> | | m | | | |
| <u>Water Details</u> | | | | | |
| <i>Water ID:</i> | | 934069438 | | | |
| <i>Layer:</i> | | 2 | | | |
| <i>Kind Code:</i> | | 5 | | | |
| <i>Kind:</i> | | Not stated | | | |
| <i>Water Found Depth:</i> | | 64.0 | | | |
| <i>Water Found Depth UOM:</i> | | m | | | |
| <u>Water Details</u> | | | | | |
| <i>Water ID:</i> | | 934069437 | | | |
| <i>Layer:</i> | | 1 | | | |
| <i>Kind Code:</i> | | 5 | | | |
| <i>Kind:</i> | | Not stated | | | |
| <i>Water Found Depth:</i> | | 56.380001068115234 | | | |
| <i>Water Found Depth UOM:</i> | | m | | | |
| <u>Hole Diameter</u> | | | | | |
| <i>Hole ID:</i> | | 11533319 | | | |
| <i>Diameter:</i> | | 15.229999542236328 | | | |
| <i>Depth From:</i> | | 0.0 | | | |
| <i>Depth To:</i> | | 67.05000305175781 | | | |
| <i>Hole Depth UOM:</i> | | m | | | |
| <i>Hole Diameter UOM:</i> | | cm | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|---|------------------|--|--------------------------------|
| 19 | 1 of 1 | SSW/161.1 | 117.9 / 1.00 | 985 MOODIE DRIVE SOUTH lot 23 con 4 NEPEAN ON | WWIS |
| Well ID: | 7181163 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Domestic | | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | |
| Final Well Status: | Water Supply | | | Date Received: | 05/18/2012 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | Z128540 | | | Contractor: | 1119 |
| Tag: | A127976 | | | Form Version: | 7 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 023 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | | | | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7181163.pdf | | | |
| <u>Additional Detail(s) (Map)</u> | | | | | |
| Well Completed Date: | 04/24/2012 | | | | |
| Year Completed: | 2012 | | | | |
| Depth (m): | 36.576 | | | | |
| Latitude: | 45.28041921171 | | | | |
| Longitude: | -75.8058280734824 | | | | |
| X: | -75.8058279113037 | | | | |
| Y: | 45.28041920536889 | | | | |
| Path: | 718\7181163.pdf | | | | |
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: | 1003789306 | | | Elevation: | |
| DP2BR: | | | | Elevrc: | |
| Spatial Status: | | | | Zone: | 18 |
| Code OB: | | | | East83: | 436799.00 |
| Code OB Desc: | | | | North83: | 5014418.00 |
| Open Hole: | | | | Org CS: | UTM83 |
| Cluster Kind: | | | | UTMRC: | 4 |
| Date Completed: | 04/24/2012 | | | UTMRC Desc: | margin of error : 30 m - 100 m |
| Remarks: | | | | Location Method: | wwr |
| Location Method Desc: | | on Water Well Record | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | 1004313927 | | | | |
| Layer: | 6 | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--------------------------------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 112.0 | | | |
| Formation End Depth: | | 120.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 1004313923 | | | |
| Layer: | | 2 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 05 | | | |
| Material 1 Desc: | | CLAY | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 3.0 | | | |
| Formation End Depth: | | 16.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 1004313922 | | | |
| Layer: | | 1 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 26 | | | |
| Material 1 Desc: | | ROCK | | | |
| Material 2: | | 01 | | | |
| Material 2 Desc: | | FILL | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 3.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 1004313924 | | | |
| Layer: | | 3 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 17 | | | |
| Material 1 Desc: | | SHALE | | | |
| Material 2: | | 26 | | | |
| Material 2 Desc: | | ROCK | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 16.0 | | | |
| Formation End Depth: | | 18.0 | | | |
| Formation End Depth UOM: | | ft | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| Formation ID: | | 1004313926 | | | |
| Layer: | | 5 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 109.0 | | | |
| Formation End Depth: | | 112.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| Formation ID: | | 1004313925 | | | |
| Layer: | | 4 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 18.0 | | | |
| Formation End Depth: | | 109.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| Plug ID: | | 1004313962 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 38.0 | | | |
| Plug To: | | 0.0 | | | |
| Plug Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 1004313961 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 1004313920 | | | |
| Casing No: | | 0 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 1004313931 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Layer: | 1 | | | | |
| Material: | 1 | | | | |
| Open Hole or Material: | STEEL | | | | |
| Depth From: | -2.0 | | | | |
| Depth To: | 38.0 | | | | |
| Casing Diameter: | 6.0 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | 1004313932 | | | | |
| Layer: | 2 | | | | |
| Material: | 4 | | | | |
| Open Hole or Material: | OPEN HOLE | | | | |
| Depth From: | 38.0 | | | | |
| Depth To: | 120.0 | | | | |
| Casing Diameter: | 6.0 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Construction Record - Screen</u> | | | | | |
| Screen ID: | 1004313933 | | | | |
| Layer: | | | | | |
| Slot: | | | | | |
| Screen Top Depth: | | | | | |
| Screen End Depth: | | | | | |
| Screen Material: | | | | | |
| Screen Depth UOM: | ft | | | | |
| Screen Diameter UOM: | inch | | | | |
| Screen Diameter: | | | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | | | | |
| Pump Test ID: | 1004313921 | | | | |
| Pump Set At: | 100.0 | | | | |
| Static Level: | 16.41699981689453 | | | | |
| Final Level After Pumping: | 86.58300018310547 | | | | |
| Recommended Pump Depth: | 100.0 | | | | |
| Pumping Rate: | 8.0 | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | 8.0 | | | | |
| Levels UOM: | ft | | | | |
| Rate UOM: | GPM | | | | |
| Water State After Test Code: | 0 | | | | |
| Water State After Test: | | | | | |
| Pumping Test Method: | 0 | | | | |
| Pumping Duration HR: | 1 | | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | 1004313948 | | | | |
| Test Type: | Draw Down | | | | |
| Test Duration: | 20 | | | | |
| Test Level: | 72.5 | | | | |
| Test Level UOM: | ft | | | | |
| <u>Draw Down & Recovery</u> | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Pump Test Detail ID: | | 1004313959 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 16.41699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313944 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 10 | | | |
| Test Level: | | 60.58300018310547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313947 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 18.41699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313949 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 20 | | | |
| Test Level: | | 16.41699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313950 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 77.08300018310547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313951 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 16.41699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313958 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 86.58300018310547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313946 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 15 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Test Level: | | 66.08300018310547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313941 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 4 | | | |
| Test Level: | | 48.16699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313945 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 10 | | | |
| Test Level: | | 29.25 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313943 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 5 | | | |
| Test Level: | | 45.66699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313954 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 40 | | | |
| Test Level: | | 81.66699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313957 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 50 | | | |
| Test Level: | | 16.41699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313934 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 1 | | | |
| Test Level: | | 25.41699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313953 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 16.41699981689453 | | | |
| 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: | | 1004313935 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 1 | | | |
| Test Level: | | 66.25 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313936 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 2 | | | |
| Test Level: | | 30.25 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313937 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 2 | | | |
| Test Level: | | 60.33300018310547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313938 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 3 | | | |
| Test Level: | | 35.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313939 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 3 | | | |
| Test Level: | | 55.58300018310547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313940 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 4 | | | |
| Test Level: | | 39.08300018310547 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313942 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 5 | | | |
| Test Level: | | 43.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313952 | | | |
| Test Type: | | Draw Down | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| Test Duration: | | 30 | | | |
| Test Level: | | 78.41699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313955 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 40 | | | |
| Test Level: | | 16.41699981689453 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 1004313956 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 50 | | | |
| Test Level: | | 83.25 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 1004313930 | | | |
| Layer: | | 2 | | | |
| Kind Code: | | 8 | | | |
| Kind: | | Untested | | | |
| Water Found Depth: | | 112.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 1004313929 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 8 | | | |
| Kind: | | Untested | | | |
| Water Found Depth: | | 109.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Hole Diameter</u> | | | | | |
| Hole ID: | | 1004313928 | | | |
| Diameter: | | 6.0 | | | |
| Depth From: | | 0.0 | | | |
| Depth To: | | 120.0 | | | |
| Hole Depth UOM: | | ft | | | |
| Hole Diameter UOM: | | inch | | | |

[20](#)

1 of 1

SW/161.6

118.9 / 2.05

7 OSBOURNE ROAD lot 3 con 6
ATHENS ON

WWIS

Well ID: 3616379
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z14696
Tag: A023082
Constructn Method:
Elevation (m):

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 03/14/2005
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1119
Form Version: 3
Owner:
County: LEEDS

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-----------------------------|-------------------|----------------------------|------------------|-------------------------|-----|
| Elevatn Reliability: | | | | Lot: | 003 |
| Depth to Bedrock: | | | | Concession: | 06 |
| Well Depth: | | | | Concession Name: | |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | ATHENS VILLAGE | | | |
| Site Info: | | | | | |

Bore Hole Information

| | | | | | |
|-------------------------------------|------------|----------------------|--|-------------------------|-------------|
| Bore Hole ID: | 11320814 | | | Elevation: | |
| DP2BR: | | | | Elevrc: | |
| Spatial Status: | | | | Zone: | 18 |
| Code OB: | | | | East83: | 436704.00 |
| Code OB Desc: | | | | North83: | 5014666.00 |
| Open Hole: | | | | Org CS: | UTM83 |
| Cluster Kind: | | | | UTMRC: | 9 |
| Date Completed: | 12/22/2004 | | | UTMRC Desc: | unknown UTM |
| Remarks: | | | | Location Method: | wwr |
| Location Method Desc: | | on Water Well Record | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |

Overburden and Bedrock

Materials Interval

| | | | | | |
|---------------------------------|---------------------|--|--|--|--|
| Formation ID: | 933012693 | | | | |
| Layer: | 2 | | | | |
| Color: | 2 | | | | |
| General Color: | GREY | | | | |
| Material 1: | 18 | | | | |
| Material 1 Desc: | SANDSTONE | | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | 1.2100000381469727 | | | | |
| Formation End Depth: | 25.6000000381469727 | | | | |
| Formation End Depth UOM: | m | | | | |

Overburden and Bedrock

Materials Interval

| | | | | | |
|---------------------------------|--------------------|--|--|--|--|
| Formation ID: | 933012692 | | | | |
| Layer: | 1 | | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | 02 | | | | |
| Material 1 Desc: | TOPSOIL | | | | |
| Material 2: | 81 | | | | |
| Material 2 Desc: | SANDY | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | 0.0 | | | | |
| Formation End Depth: | 1.2100000381469727 | | | | |
| 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: | | 933012694 | | | |
| Layer: | | 3 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 21 | | | |
| Material 1 Desc: | | GRANITE | | | |
| Material 2: | | | | | |
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 25.600000381469727 | | | |
| Formation End Depth: | | 39.619998931884766 | | | |
| Formation End Depth UOM: | | m | | | |
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| Plug ID: | | 933266045 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 6.090000152587891 | | | |
| Plug To: | | 0.0 | | | |
| Plug Depth UOM: | | m | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 963616379 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 11335669 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930862624 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | 6.090000152587891 | | | |
| Depth To: | | 39.619998931884766 | | | |
| Casing Diameter: | | | | | |
| Casing Diameter UOM: | | cm | | | |
| Casing Depth UOM: | | m | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930862623 | | | |
| Layer: | | 1 | | | |
| Material: | | | | | |
| Open Hole or Material: | | | | | |
| Depth From: | | 0.0 | | | |
| Depth To: | | 6.69999809265137 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Casing Diameter: | | 15.279999732971191 | | | |
| Casing Diameter UOM: | | cm | | | |
| Casing Depth UOM: | | m | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 11348660 | | | |
| Pump Set At: | | 30.469999313354492 | | | |
| Static Level: | | 2.5399999618530273 | | | |
| Final Level After Pumping: | | 2.5399999618530273 | | | |
| Recommended Pump Depth: | | 30.469999313354492 | | | |
| Pumping Rate: | | 91.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 91.0 | | | |
| Levels UOM: | | m | | | |
| Rate UOM: | | LPM | | | |
| Water State After Test Code: | | 2 | | | |
| Water State After Test: | | CLOUDY | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | 0 | | | |
| Flowing: | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361759 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 50 | | | |
| Test Level: | | 3.81999933242798 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361764 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 4 | | | |
| Test Level: | | 3.369999885559082 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361769 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 3.7300000190734863 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361767 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 3.5999999046325684 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361780 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 15 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Test Level: | | 2.680000066757202 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361771 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 20 | | | |
| Test Level: | | 2.609999895095825 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361776 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 2 | | | |
| Test Level: | | 3.00999990463257 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361777 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 2 | | | |
| Test Level: | | 3.240000009536743 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361760 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 10 | | | |
| Test Level: | | 3.5299999713897705 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361762 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 5 | | | |
| Test Level: | | 3.4100000858306885 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361774 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 3 | | | |
| Test Level: | | 2.950000047683716 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361778 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 1 | | | |
| Test Level: | | 3.130000114440918 | | | |
| Test Level UOM: | | m | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361763 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 4 | | | |
| Test Level: | | 2.9000000953674316 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361766 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 40 | | | |
| Test Level: | | 3.7699999809265137 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361770 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 20 | | | |
| Test Level: | | 3.6500000953674316 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361772 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 3.700000047683716 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361773 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 25 | | | |
| Test Level: | | 2.5399999618530273 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361768 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 10 | | | |
| Test Level: | | 2.75 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361775 | | | |
| Test Type: | | Draw Down | | | |
| Test Duration: | | 3 | | | |
| Test Level: | | 3.3299999237060547 | | | |
| Test Level UOM: | | m | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 11361761 | | | |
| Test Type: | | Draw Down | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------|----------------------------|------------------|------|----|
| Test Duration: | 1 | | | | |
| Test Level: | 3.1500000953674316 | | | | |
| Test Level UOM: | m | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | 11361765 | | | | |
| Test Type: | Draw Down | | | | |
| Test Duration: | 60 | | | | |
| Test Level: | 3.819999933242798 | | | | |
| Test Level UOM: | m | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | 11361779 | | | | |
| Test Type: | Recovery | | | | |
| Test Duration: | 5 | | | | |
| Test Level: | 2.8499999046325684 | | | | |
| Test Level UOM: | m | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | 934058401 | | | | |
| Layer: | 1 | | | | |
| Kind Code: | | | | | |
| Kind: | | | | | |
| Water Found Depth: | 22.239999771118164 | | | | |
| Water Found Depth UOM: | m | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | 934058402 | | | | |
| Layer: | 2 | | | | |
| Kind Code: | | | | | |
| Kind: | | | | | |
| Water Found Depth: | 37.790000915527344 | | | | |
| Water Found Depth UOM: | m | | | | |
| <u>Hole Diameter</u> | | | | | |
| Hole ID: | 11539758 | | | | |
| Diameter: | 15.229999542236328 | | | | |
| Depth From: | 0.0 | | | | |
| Depth To: | 39.619998931884766 | | | | |
| Hole Depth UOM: | m | | | | |
| Hole Diameter UOM: | cm | | | | |

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1 of 1

NNE/174.8

109.9 / -7.00

ON

BORE

Borehole ID: 848317
OGF ID: 215589947
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 18-OCT-1988
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 9.7
Depth Ref: Ground Surface

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: LOT 26
Township: NEPEAN
Latitude DD: 45.294047
Longitude DD: -75.798229
UTM Zone: 18

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|----------------------------|------------------|--|------|
| Depth Elev: Drill Method: Hollow stem auger Orig Ground Elev m: 107 Elev Reliabil Note: DEM Ground Elev m: 106 Concession: CON 4 Location D: Survey D: Comments: | | | | | |
| Easting: 437410 Northing: 5015926 Location Accuracy: Accuracy: Within 50 metres | | | | | |
| <u>Borehole Geology Stratum</u> | | | | | |
| Geology Stratum ID: 6560624 Top Depth: 1.2 Bottom Depth: 9.7 Material Color: Grey Material 1: Sandstone Material 2: Bedrock Material 3: Weathered Material 4: Gsc Material Description: Stratum Description: SANDSTONE BEDROCK FAINTLY WEATHERED VERY THIN TO THICKLY BEDDED GREY, SOME SHLE PARTINGS THROUGHOUT CORE, SOME NEAR VERTICAL ROUGH OPEN JOINTS MARCH FORMATION **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | | |
| Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | | | | | |
| Geology Stratum ID: 6560623 Top Depth: .2 Bottom Depth: 1.2 Material Color: Brown Material 1: Sand Material 2: Gravel Material 3: Silt Material 4: Gsc Material Description: Stratum Description: SAND GRAVEL AND SOME SILT COMPACT TO DENSE BROWN **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | | |
| Mat Consistency: Compact Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | | | | | |
| Geology Stratum ID: 6560622 Top Depth: 0 Bottom Depth: .2 Material Color: Material 1: Topsoil Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | | |
| Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: | | | | | |
| 22 | 1 of 1 | W/197.9 | 118.9 / 2.00 | MOODIE DRIVE EAST SIDE lot 25 con 4 NEPEAN ON | WWIS |
| Well ID: 7248741 Construction Date: Use 1st: Use 2nd: Final Well Status: Abandoned-Other Water Type: Casing Material: Audit No: Z191491 Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: | | | | | |
| Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 09/22/2015 Selected Flag: TRUE Abandonment Rec: Yes Contractor: 1119 Form Version: 7 Owner: County: OTTAWA-CARLETON Lot: 025 Concession: 04 | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|---|------------------|---|--|
| Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info: | | NEPEAN TOWNSHIP | | Concession Name: RF Easting NAD83: Northing NAD83: Zone: UTM Reliability: | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/724\7248741.pdf | | | |
| <u>Additional Detail(s) (Map)</u> | | | | | |
| Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: X: Y: Path: | | 07/28/2015 2015 2015 45.2864113453175 -75.8075068629105 -75.80750670160674 45.28641133841184 724\7248741.pdf | | | |
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Location Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: | 1005698654 | | | Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: | 18 436674.00 5015085.00 UTM83 4 margin of error : 30 m - 100 m wwr |
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: | 1005723628 | | | | |
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| Plug ID: Layer: Plug From: Plug To: Plug Depth UOM: | 1005723629 | | | | |
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| Plug ID: | 1005723626 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <i>Layer:</i> | | 1 | | | |
| <i>Plug From:</i> | | 0.0 | | | |
| <i>Plug To:</i> | | 12.0 | | | |
| <i>Plug Depth UOM:</i> | | ft | | | |
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| <i>Plug ID:</i> | | 1005723632 | | | |
| <i>Layer:</i> | | 6 | | | |
| <i>Plug From:</i> | | 4.0 | | | |
| <i>Plug To:</i> | | 0.0 | | | |
| <i>Plug Depth UOM:</i> | | ft | | | |
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| <i>Plug ID:</i> | | 1005723630 | | | |
| <i>Layer:</i> | | 4 | | | |
| <i>Plug From:</i> | | 7.0 | | | |
| <i>Plug To:</i> | | 6.0 | | | |
| <i>Plug Depth UOM:</i> | | ft | | | |
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| <i>Plug ID:</i> | | 1005723627 | | | |
| <i>Layer:</i> | | 1 | | | |
| <i>Plug From:</i> | | 12.0 | | | |
| <i>Plug To:</i> | | 10.0 | | | |
| <i>Plug Depth UOM:</i> | | ft | | | |
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| <i>Plug ID:</i> | | 1005723631 | | | |
| <i>Layer:</i> | | 5 | | | |
| <i>Plug From:</i> | | 6.0 | | | |
| <i>Plug To:</i> | | 4.0 | | | |
| <i>Plug Depth UOM:</i> | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| <i>Method Construction ID:</i> | | 1005723625 | | | |
| <i>Method Construction Code:</i> | | | | | |
| <i>Method Construction:</i> | | | | | |
| <i>Other Method Construction:</i> | | | | | |
| <u>Pipe Information</u> | | | | | |
| <i>Pipe ID:</i> | | 1005723619 | | | |
| <i>Casing No:</i> | | 0 | | | |
| <i>Comment:</i> | | | | | |
| <i>Alt Name:</i> | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| <i>Casing ID:</i> | | 1005723623 | | | |
| <i>Layer:</i> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------------|-------------------|----------------------------|------------------|------|----|
| Material: | | | | | |
| Open Hole or Material: | | | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| Construction Record - Screen | | | | | |
| Screen ID: | | 1005723624 | | | |
| Layer: | | | | | |
| Slot: | | | | | |
| Screen Top Depth: | | | | | |
| Screen End Depth: | | | | | |
| Screen Material: | | | | | |
| Screen Depth UOM: | | ft | | | |
| Screen Diameter UOM: | | inch | | | |
| Screen Diameter: | | | | | |
| Water Details | | | | | |
| Water ID: | | 1005723622 | | | |
| Layer: | | | | | |
| Kind Code: | | | | | |
| Kind: | | | | | |
| Water Found Depth: | | | | | |
| Water Found Depth UOM: | | ft | | | |
| Hole Diameter | | | | | |
| Hole ID: | | 1005723621 | | | |
| Diameter: | | | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Hole Depth UOM: | | ft | | | |
| Hole Diameter UOM: | | inch | | | |

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1 of 1

NE/203.9

107.7 / -9.15

ON

BORE

| | | | |
|----------------------------|---------------------------------------|---------------------------|------------------|
| Borehole ID: | 848316 | Inclin FLG: | No |
| OGF ID: | 215589946 | SP Status: | Initial Entry |
| Status: | Decommissioned | Surv Elev: | No |
| Type: | Borehole | Piezometer: | No |
| Use: | Geotechnical/Geological Investigation | Primary Name: | |
| Completion Date: | 24-OCT-1988 | Municipality: | |
| Static Water Level: | | Lot: | LOT 26 |
| Primary Water Use: | | Township: | NEPEAN |
| Sec. Water Use: | | Latitude DD: | 45.294136 |
| Total Depth m: | 6.8 | Longitude DD: | -75.797069 |
| Depth Ref: | Ground Surface | UTM Zone: | 18 |
| Depth Elev: | | Easting: | 437501 |
| Drill Method: | Hollow stem auger | Northing: | 5015935 |
| Orig Ground Elev m: | 106 | Location Accuracy: | |
| Elev Reliabil Note: | | Accuracy: | Within 50 metres |
| DEM Ground Elev m: | 105 | | |
| Concession: | CON 4 | | |
| Location D: | | | |
| Survey D: | | | |
| Comments: | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--|----------------------------|------------------|----------------------------|-----------------|
| <u>Borehole Geology Stratum</u> | | | | | |
| Geology Stratum ID: | 6560619 | | | Mat Consistency: | |
| Top Depth: | 0 | | | Material Moisture: | |
| Bottom Depth: | .2 | | | Material Texture: | |
| Material Color: | | | | Non Geo Mat Type: | |
| Material 1: | Topsoil | | | Geologic Formation: | |
| Material 2: | | | | Geologic Group: | |
| Material 3: | | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6560620 | | | Mat Consistency: | Compact |
| Top Depth: | .2 | | | Material Moisture: | |
| Bottom Depth: | 1.5 | | | Material Texture: | |
| Material Color: | Grey-Brown | | | Non Geo Mat Type: | |
| Material 1: | Till | | | Geologic Formation: | |
| Material 2: | sand silt | | | Geologic Group: | |
| Material 3: | Gravel | | | Geologic Period: | |
| Material 4: | Clay | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | SILTY SAND SOME GRAVEL TRACE CLAY GLACIAL TILL COMPACT TO GREY BROWN VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| Geology Stratum ID: | 6560621 | | | Mat Consistency: | |
| Top Depth: | 1.5 | | | Material Moisture: | |
| Bottom Depth: | 6.8 | | | Material Texture: | |
| Material Color: | Grey | | | Non Geo Mat Type: | |
| Material 1: | Sandstone | | | Geologic Formation: | |
| Material 2: | Bedrock | | | Geologic Group: | |
| Material 3: | Weathered | | | Geologic Period: | |
| Material 4: | | | | Depositional Gen: | |
| Gsc Material Description: | | | | | |
| Stratum Description: | SANSTONE BEDROCK FAINTLY WEATHERED VERY THIN TO THICKLY BEDDED GREY, SOME MODERATELY TO HIGHLY WEATHERED SEAMS BEDDING NEAR HORIZONTAL MARCH FORMATION **Note: Many records provided by the department have a truncated [Stratum Description] field. | | | | |
| 24 | 1 of 1 | E/212.1 | 113.9 / -3.00 | lot 24 con 4 ON | WWIS |
| Well ID: | 1532254 | | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | Not Used | | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | 1 |
| Final Well Status: | Test Hole | | | Date Received: | 09/20/2001 |
| Water Type: | | | | Selected Flag: | TRUE |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | 234297 | | | Contractor: | 1119 |
| Tag: | | | | Form Version: | 1 |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | OTTAWA-CARLETON |
| Elevatn Reliabilty: | | | | Lot: | 024 |
| Depth to Bedrock: | | | | Concession: | 04 |
| Well Depth: | | | | Concession Name: | RF |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | NEPEAN TOWNSHIP | | | | |
| Site Info: | | | | | |
| PDF URL (Map): | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532254.pdf | | | | |

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

Additional Detail(s) (Map)

Well Completed Date: 07/26/2001
Year Completed: 2001
Depth (m): 42.672
Latitude: 45.286114461383
Longitude: -75.7985217512161
X: -75.79852158984357
Y: 45.2861144540412
Path: 153\1532254.pdf

Bore Hole Information

| | | | |
|-------------------------------------|--------------|-------------------------|-------------|
| Bore Hole ID: | 10516704 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437378.30 |
| Code OB Desc: | | North83: | 5015045.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 07/26/2001 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | lot |
| Location Method Desc: | Lot centroid | | |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

Formation ID: 932832298
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 140.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932832297
Layer: 1
Color:
General Color:
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| Plug ID: | | 933219704 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 2.0 | | | |
| Plug To: | | 22.0 | | | |
| Plug Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961532254 | | | |
| Method Construction Code: | | 5 | | | |
| Method Construction: | | Air Percussion | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 11065274 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930094436 | | | |
| Layer: | | 1 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | 8.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930094437 | | | |
| Layer: | | 2 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930094438 | | | |
| Layer: | | 3 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|---|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991532254 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 11.0 | | | |
| Final Level After Pumping: | | 120.0 | | | |
| Recommended Pump Depth: | | 120.0 | | | |
| Pumping Rate: | | 15.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 15.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 2 | | | |
| Water State After Test: | | CLOUDY | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934660375 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 11.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934116239 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 11.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934399853 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 11.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934917261 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 11.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 934008406 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 1 | | | |
| Kind: | | FRESH | | | |
| Water Found Depth: | | 134.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|---|------------------|---|------|
| 25 | 1 of 1 | E/214.0 | 112.8 / -4.04 | lot 24 con 4 ON | WWIS |
| Well ID: | | 1530498 | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | | Livestock | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: 1 | |
| Final Well Status: | | Observation Wells | | Date Received: 05/14/1999 | |
| Water Type: | | | | Selected Flag: TRUE | |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | | 194829 | | Contractor: 1558 | |
| Tag: | | | | Form Version: 1 | |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: OTTAWA-CARLETON | |
| Elevatn Reliabilty: | | | | Lot: 024 | |
| Depth to Bedrock: | | | | Concession: 04 | |
| Well Depth: | | | | Concession Name: RF | |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | | | | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1530498.pdf | | | |
| <u>Additional Detail(s) (Map)</u> | | | | | |
| Well Completed Date: | | 04/14/1999 | | | |
| Year Completed: | | 1999 | | | |
| Depth (m): | | 60.96 | | | |
| Latitude: | | 45.2861056123322 | | | |
| Longitude: | | -75.7984999494671 | | | |
| X: | | -75.7984997877396 | | | |
| Y: | | 45.286105605061366 | | | |
| Path: | | 153\1530498.pdf | | | |
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: | | 10052033 | | Elevation: | |
| DP2BR: | | | | Elevrc: | |
| Spatial Status: | | | | Zone: 18 | |
| Code OB: | | | | East83: 437380.00 | |
| Code OB Desc: | | | | North83: 5015044.00 | |
| Open Hole: | | | | Org CS: N83 | |
| Cluster Kind: | | | | UTMRC: 8 | |
| Date Completed: | | 04/14/1999 | | UTMRC Desc: margin of error : 3 km - 10 km | |
| Remarks: | | Location Method: lot | | | |
| Location Method Desc: | | Lot centroid | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931075695 | | | |
| Layer: | | 1 | | | |
| Color: | | 6 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--------------------------------------|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| General Color: | | BROWN | | | |
| Material 1: | | 02 | | | |
| Material 1 Desc: | | TOPSOIL | | | |
| Material 2: | | 12 | | | |
| Material 2 Desc: | | STONES | | | |
| Material 3: | | 79 | | | |
| Material 3 Desc: | | PACKED | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 6.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931075697 | | | |
| Layer: | | 3 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | 85 | | | |
| Material 2 Desc: | | SOFT | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 9.0 | | | |
| Formation End Depth: | | 52.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931075696 | | | |
| Layer: | | 2 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 28 | | | |
| Material 1 Desc: | | SAND | | | |
| Material 2: | | 11 | | | |
| Material 2 Desc: | | GRAVEL | | | |
| Material 3: | | 91 | | | |
| Material 3 Desc: | | WATER-BEARING | | | |
| Formation Top Depth: | | 6.0 | | | |
| Formation End Depth: | | 9.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931075698 | | | |
| Layer: | | 4 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 15 | | | |
| Material 1 Desc: | | LIMESTONE | | | |
| Material 2: | | 73 | | | |
| Material 2 Desc: | | HARD | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 52.0 | | | |
| Formation End Depth: | | 165.0 | | | |
| Formation End Depth UOM: | | ft | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| Formation ID: | | 931075699 | | | |
| Layer: | | 5 | | | |
| Color: | | 2 | | | |
| General Color: | | GREY | | | |
| Material 1: | | 18 | | | |
| Material 1 Desc: | | SANDSTONE | | | |
| Material 2: | | 90 | | | |
| Material 2 Desc: | | VERY | | | |
| Material 3: | | 73 | | | |
| Material 3 Desc: | | HARD | | | |
| Formation Top Depth: | | 165.0 | | | |
| Formation End Depth: | | 200.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Annular Space/Abandonment Sealing Record</u> | | | | | |
| Plug ID: | | 933115647 | | | |
| Layer: | | 1 | | | |
| Plug From: | | 20.0 | | | |
| Plug To: | | 0.0 | | | |
| Plug Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961530498 | | | |
| Method Construction Code: | | 4 | | | |
| Method Construction: | | Rotary (Air) | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10600603 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930090753 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 21.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930090754 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 200.0 | | | |
| Casing Diameter: | | 6.0 | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991530498 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 16.0 | | | |
| Final Level After Pumping: | | 50.0 | | | |
| Recommended Pump Depth: | | 75.0 | | | |
| Pumping Rate: | | 301.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 5.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 2 | | | |
| Water State After Test: | | CLOUDY | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | 0 | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934385066 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 30 | | | |
| Test Level: | | 16.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934118890 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 15 | | | |
| Test Level: | | 16.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934663029 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 45 | | | |
| Test Level: | | 16.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: | | 934902199 | | | |
| Test Type: | | Recovery | | | |
| Test Duration: | | 60 | | | |
| Test Level: | | 16.0 | | | |
| Test Level UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933490661 | | | |
| Layer: | | 2 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------|-------------------|----------------------------|------------------|------|----|
| Water Found Depth: | | 189.0 | | | |
| Water Found Depth UOM: | | ft | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | | 933490660 | | | |
| Layer: | | 1 | | | |
| Kind Code: | | 5 | | | |
| Kind: | | Not stated | | | |
| Water Found Depth: | | 129.0 | | | |
| Water Found Depth UOM: | | ft | | | |

| | | | | | |
|----------------------------|--------|-----------------|---------------|---------------------------|------|
| 26 | 1 of 1 | E/215.6 | 112.8 / -4.04 | lot 24 con 4 ON | WWIS |
| Well ID: | | 1522454 | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | | Domestic | | Data Entry Status: | |
| Use 2nd: | | | | Data Src: | |
| Final Well Status: | | Water Supply | | Date Received: | |
| Water Type: | | | | Selected Flag: | |
| Casing Material: | | | | Abandonment Rec: | |
| Audit No: | | 32848 | | Contractor: | |
| Tag: | | | | Form Version: | |
| Constructn Method: | | | | Owner: | |
| Elevation (m): | | | | County: | |
| Elevatn Reliabilty: | | | | Lot: | |
| Depth to Bedrock: | | | | Concession: | |
| Well Depth: | | | | Concession Name: | |
| Overburden/Bedrock: | | | | Easting NAD83: | |
| Pump Rate: | | | | Northing NAD83: | |
| Static Water Level: | | | | Zone: | |
| Clear/Cloudy: | | | | UTM Reliability: | |
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | | | | |

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1522454.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/09/1988
Year Completed: 1988
Depth (m): 45.72
Latitude: 45.2861057638759
Longitude: -75.7984782740038
X: -75.79847811229727
Y: 45.286105757378415
Path: 152\1522454.pdf

Bore Hole Information

| | | | |
|------------------------------|--------------|-------------------------|-------------|
| Bore Hole ID: | 10044266 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | | East83: | 437381.70 |
| Code OB Desc: | | North83: | 5015044.00 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 05/09/1988 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | lot |
| Location Method Desc: | Lot centroid | | |
| Elevrc Desc: | | | |

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

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

Overburden and Bedrock
Materials Interval

Formation ID: 931051490
Layer: 2
Color: 1
General Color: WHITE
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2: 74
Material 2 Desc: LAYERED
Material 3: 90
Material 3 Desc: VERY
Formation Top Depth: 4.0
Formation End Depth: 150.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931051489
Layer: 1
Color: 6
General Color: BROWN
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2: 12
Material 2 Desc: STONES
Material 3: 81
Material 3 Desc: SANDY
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961522454
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10592836
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077426
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: | | 21.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930077429 | | | |
| Layer: | | 4 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 150.0 | | | |
| Casing Diameter: | | 5.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930077428 | | | |
| Layer: | | 3 | | | |
| Material: | | | | | |
| Open Hole or Material: | | | | | |
| Depth From: | | | | | |
| Depth To: | | 125.0 | | | |
| Casing Diameter: | | 5.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930077427 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 75.0 | | | |
| Casing Diameter: | | 6.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991522454 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 10.0 | | | |
| Final Level After Pumping: | | 50.0 | | | |
| Recommended Pump Depth: | | 100.0 | | | |
| Pumping Rate: | | 6.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 5.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 1 | | | |
| Water State After Test: | | CLEAR | | | |
| Pumping Test Method: | | 1 | | | |
| Pumping Duration HR: | | 1 | | | |
| Pumping Duration MIN: | | 0 | | | |
| Flowing: | | No | | | |
| <u>Draw Down & Recovery</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| Pump Test Detail ID: 934385243 | | | | | |
| Test Type: Draw Down | | | | | |
| Test Duration: 30 | | | | | |
| Test Level: 50.0 | | | | | |
| Test Level UOM: ft | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: 934110377 | | | | | |
| Test Type: Draw Down | | | | | |
| Test Duration: 15 | | | | | |
| Test Level: 50.0 | | | | | |
| Test Level UOM: ft | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: 934655608 | | | | | |
| Test Type: Draw Down | | | | | |
| Test Duration: 45 | | | | | |
| Test Level: 50.0 | | | | | |
| Test Level UOM: ft | | | | | |
| <u>Draw Down & Recovery</u> | | | | | |
| Pump Test Detail ID: 934904013 | | | | | |
| Test Type: Draw Down | | | | | |
| Test Duration: 60 | | | | | |
| Test Level: 50.0 | | | | | |
| Test Level UOM: ft | | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: 933480353 | | | | | |
| Layer: 1 | | | | | |
| Kind Code: 1 | | | | | |
| Kind: FRESH | | | | | |
| Water Found Depth: 26.0 | | | | | |
| Water Found Depth UOM: ft | | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: 933480354 | | | | | |
| Layer: 2 | | | | | |
| Kind Code: 1 | | | | | |
| Kind: FRESH | | | | | |
| Water Found Depth: 145.0 | | | | | |
| Water Found Depth UOM: ft | | | | | |

[27](#)

1 of 9

SSW/233.0

117.9 / 1.00

Primo Developments Inc.
985 Moodie Dr S
Ottawa ON K2R 1H4

ECA

Approval No: 5011-94WQDW
Approval Date: 2013-03-25
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS

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

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------|-------------------|--|------------------|---|------|
| Business Name: | | Primo Developments Inc. | | | |
| Address: | | 985 Moodie Dr S | | | |
| Full Address: | | | | | |
| Full PDF Link: | | https://www.accessenvironment.ene.gov.on.ca/instruments/0790-929TKK-14.pdf | | | |
| PDF Site Location: | | | | | |
| 27 | 2 of 9 | SSW/233.0 | 117.9 / 1.00 | FedEx Ground Ltd. 985 Moodie Drive Nepean ON | GEN |
| Generator No: | | ON8460962 | | | |
| SIC Code: | | 493190 | | | |
| SIC Description: | | OTHER WAREHOUSING AND STORAGE | | | |
| Approval Years: | | 2013 | | | |
| PO Box No: | | | | | |
| Country: | | | | | |
| Status: | | | | | |
| Co Admin: | | | | | |
| Choice of Contact: | | | | | |
| Phone No Admin: | | | | | |
| Contaminated Facility: | | | | | |
| MHSW Facility: | | | | | |
| <u>Detail(s)</u> | | | | | |
| Waste Class: | | 251 | | | |
| Waste Class Name: | | OIL SKIMMINGS & SLUDGES | | | |
| 27 | 3 of 9 | SSW/233.0 | 117.9 / 1.00 | PIPELINE HIT 1" 985 MODDIE DRIVE,,OTTAWA,ON,K2H 8G3,CA ON | PINC |
| Incident Id: | | | | | |
| Incident No: | | 1098690 | | | |
| Incident Reported Dt: | | 5/14/2013 | | | |
| Type: | | FS-Pipeline Incident | | | |
| Status Code: | | | | | |
| Tank Status: | | Pipeline Damage Reason Est | | | |
| Task No: | | | | | |
| Spills Action Centre: | | | | | |
| Fuel Type: | | | | | |
| Fuel Occurrence Tp: | | | | | |
| Date of Occurrence: | | | | | |
| Occurrence Start Dt: | | | | | |
| Depth: | | | | | |
| Customer Acct Name: | | PIPELINE HIT 1" | | | |
| Incident Address: | | 985 MODDIE DRIVE,,OTTAWA,ON,K2H 8G3,CA | | | |
| Operation Type: | | | | | |
| Pipeline Type: | | | | | |
| Regulator Type: | | | | | |
| Summary: | | | | | |
| Reported By: | | | | | |
| Affiliation: | | | | | |
| Occurrence Desc: | | | | | |
| Damage Reason: | | | | | |
| Notes: | | | | | |
| 27 | 4 of 9 | SSW/233.0 | 117.9 / 1.00 | FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4 | GEN |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|---|-----|
| Generator No: ON8460962 SIC Code: 493190 SIC Description: OTHER WAREHOUSING AND STORAGE Approval Years: 2016 PO Box No: Country: Canada Status: Co Admin: Jason Webster Choice of Contact: CO_ADMIN Phone No Admin: 613-820-0817 Ext. Contaminated Facility: No MHSW Facility: No | | | | | |
| <u>Detail(s)</u> | | | | | |
| Waste Class: 251 Waste Class Name: OIL SKIMMINGS & SLUDGES Waste Class: 263 Waste Class Name: ORGANIC LABORATORY CHEMICALS | | | | | |
| 27 | 5 of 9 | SSW/233.0 | 117.9 / 1.00 | FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4 | GEN |
| Generator No: ON8460962 SIC Code: 493190 SIC Description: OTHER WAREHOUSING AND STORAGE Approval Years: 2015 PO Box No: Country: Canada Status: Co Admin: Jason Webster Choice of Contact: CO_ADMIN Phone No Admin: 613-820-0817 Ext. Contaminated Facility: No MHSW Facility: No | | | | | |
| <u>Detail(s)</u> | | | | | |
| Waste Class: 251 Waste Class Name: OIL SKIMMINGS & SLUDGES | | | | | |
| 27 | 6 of 9 | SSW/233.0 | 117.9 / 1.00 | FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4 | GEN |
| Generator No: ON8460962 SIC Code: 493190 SIC Description: OTHER WAREHOUSING AND STORAGE Approval Years: 2014 PO Box No: Country: Canada Status: Co Admin: Jason Webster Choice of Contact: CO_ADMIN Phone No Admin: 613-820-0817 Ext. Contaminated Facility: No MHSW Facility: No | | | | | |
| <u>Detail(s)</u> | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------|-------------------|--------------------------------------|------------------|---|-----|
| Waste Class: | | 251 | | | |
| Waste Class Name: | | OIL SKIMMINGS & SLUDGES | | | |
| 27 | 7 of 9 | SSW/233.0 | 117.9 / 1.00 | FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4 | GEN |
| Generator No: | | ON8460962 | | | |
| SIC Code: | | | | | |
| SIC Description: | | | | | |
| Approval Years: | | As of Dec 2018 | | | |
| PO Box No: | | | | | |
| Country: | | Canada | | | |
| Status: | | Registered | | | |
| Co Admin: | | | | | |
| Choice of Contact: | | | | | |
| Phone No Admin: | | | | | |
| Contaminated Facility: | | | | | |
| MHSW Facility: | | | | | |
| <u>Detail(s)</u> | | | | | |
| Waste Class: | | 148 C | | | |
| Waste Class Name: | | Misc. wastes and inorganic chemicals | | | |
| Waste Class: | | 148 L | | | |
| Waste Class Name: | | Misc. wastes and inorganic chemicals | | | |
| Waste Class: | | 251 L | | | |
| Waste Class Name: | | Waste oils/sludges (petroleum based) | | | |
| Waste Class: | | 263 I | | | |
| Waste Class Name: | | Misc. waste organic chemicals | | | |
| Waste Class: | | 263 L | | | |
| Waste Class Name: | | Misc. waste organic chemicals | | | |
| 27 | 8 of 9 | SSW/233.0 | 117.9 / 1.00 | FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4 | GEN |
| Generator No: | | ON8460962 | | | |
| SIC Code: | | | | | |
| SIC Description: | | | | | |
| Approval Years: | | As of Jul 2020 | | | |
| PO Box No: | | | | | |
| Country: | | Canada | | | |
| Status: | | Registered | | | |
| Co Admin: | | | | | |
| Choice of Contact: | | | | | |
| Phone No Admin: | | | | | |
| Contaminated Facility: | | | | | |
| MHSW Facility: | | | | | |
| <u>Detail(s)</u> | | | | | |
| Waste Class: | | 263 L | | | |
| Waste Class Name: | | Misc. waste organic chemicals | | | |
| Waste Class: | | 251 L | | | |
| Waste Class Name: | | Waste oils/sludges (petroleum based) | | | |
| Waste Class: | | 148 C | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------|-------------------|--------------------------------------|------------------|---|------|
| Waste Class Name: | | Misc. wastes and inorganic chemicals | | | |
| Waste Class: | | 263 I | | | |
| Waste Class Name: | | Misc. waste organic chemicals | | | |
| Waste Class: | | 148 L | | | |
| Waste Class Name: | | Misc. wastes and inorganic chemicals | | | |
| 27 | 9 of 9 | SSW/233.0 | 117.9 / 1.00 | FedEx Ground Ltd. 985 Moodie Drive Nepean ON K2R1H4 | GEN |
| Generator No: | | ON8460962 | | | |
| SIC Code: | | | | | |
| SIC Description: | | | | | |
| Approval Years: | | As of Nov 2021 | | | |
| PO Box No: | | | | | |
| Country: | | Canada | | | |
| Status: | | Registered | | | |
| Co Admin: | | | | | |
| Choice of Contact: | | | | | |
| Phone No Admin: | | | | | |
| Contaminated Facility: | | | | | |
| MHSW Facility: | | | | | |
| <u>Detail(s)</u> | | | | | |
| Waste Class: | | 251 L | | | |
| Waste Class Name: | | Waste oils/sludges (petroleum based) | | | |
| Waste Class: | | 148 C | | | |
| Waste Class Name: | | Misc. wastes and inorganic chemicals | | | |
| Waste Class: | | 263 I | | | |
| Waste Class Name: | | Misc. waste organic chemicals | | | |
| Waste Class: | | 148 L | | | |
| Waste Class Name: | | Misc. wastes and inorganic chemicals | | | |
| Waste Class: | | 263 L | | | |
| Waste Class Name: | | Misc. waste organic chemicals | | | |
| 28 | 1 of 1 | NE/250.0 | 105.6 / -11.30 | lot 25 con 4 ON | WWIS |
| Well ID: | | 1506115 | | Flowing (Y/N): | |
| Construction Date: | | | | Flow Rate: | |
| Use 1st: | | Domestic | | Data Entry Status: | |
| Use 2nd: | | 0 | | Data Src: | |
| Final Well Status: | | Water Supply | | 1 | |
| Water Type: | | | | Date Received: | |
| Casing Material: | | | | 12/07/1962 | |
| Audit No: | | | | Selected Flag: | |
| Tag: | | | | TRUE | |
| Constructn Method: | | | | Abandonment Rec: | |
| Elevation (m): | | | | Contractor: | |
| Elevatn Reliability: | | | | 3114 | |
| Depth to Bedrock: | | | | Form Version: | |
| Well Depth: | | | | 1 | |
| Overburden/Bedrock: | | | | Owner: | |
| Pump Rate: | | | | County: | |
| Static Water Level: | | | | OTTAWA-CARLETON | |
| Clear/Cloudy: | | | | Lot: | |
| | | | | 025 | |
| | | | | Concession: | |
| | | | | 04 | |
| | | | | Concession Name: | |
| | | | | RF | |
| | | | | Easting NAD83: | |
| | | | | Northing NAD83: | |
| | | | | Zone: | |
| | | | | UTM Reliability: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|--------------------------|---|--------------------------|--|-----------|
| Municipality: | | NEPEAN TOWNSHIP | | | |
| Site Info: | | | | | |
| PDF URL (Map): | | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506115.pdf | | | |
| <u>Additional Detail(s) (Map)</u> | | | | | |
| Well Completed Date: | | 08/30/1962 | | | |
| Year Completed: | | 1962 | | | |
| Depth (m): | | 23.1648 | | | |
| Latitude: | | 45.2936699744711 | | | |
| Longitude: | | -75.7954726361459 | | | |
| X: | | -75.79547247457683 | | | |
| Y: | | 45.2936699674886 | | | |
| Path: | | 150\1506115.pdf | | | |
| <u>Bore Hole Information</u> | | | | | |
| Bore Hole ID: | | 10028158 | | Elevation: | |
| DP2BR: | | | | Elevrc: | |
| Spatial Status: | | | | Zone: 18 | |
| Code OB: | | | | East83: 437625.70 | |
| Code OB Desc: | | | | North83: 5015882.00 | |
| Open Hole: | | | | Org CS: | |
| Cluster Kind: | | | | UTMRC: 5 | |
| Date Completed: | | 08/30/1962 | | UTMRC Desc: margin of error : 100 m - 300 m | |
| Remarks: | | | | Location Method: p5 | |
| Location Method Desc: | | Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m | | | |
| Elevrc Desc: | | | | | |
| Location Source Date: | | | | | |
| Improvement Location Source: | | | | | |
| Improvement Location Method: | | | | | |
| Source Revision Comment: | | | | | |
| Supplier Comment: | | | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931003821 | | | |
| Layer: | | 1 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 02 | | | |
| Material 1 Desc: | | TOPSOIL | | | |
| Material 2: | | 09 | | | |
| Material 2 Desc: | | MEDIUM SAND | | | |
| Material 3: | | 13 | | | |
| Material 3 Desc: | | BOULDERS | | | |
| Formation Top Depth: | | 0.0 | | | |
| Formation End Depth: | | 12.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Overburden and Bedrock</u> | | | | | |
| <u>Materials Interval</u> | | | | | |
| Formation ID: | | 931003822 | | | |
| Layer: | | 2 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Material 1: | | 18 | | | |
| Material 1 Desc: | | SANDSTONE | | | |
| Material 2: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| Material 2 Desc: | | | | | |
| Material 3: | | | | | |
| Material 3 Desc: | | | | | |
| Formation Top Depth: | | 12.0 | | | |
| Formation End Depth: | | 76.0 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961506115 | | | |
| Method Construction Code: | | 1 | | | |
| Method Construction: | | Cable Tool | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10576728 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049064 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 76.0 | | | |
| Casing Diameter: | | 4.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930049063 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 20.0 | | | |
| Casing Diameter: | | 4.0 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pumping Test Method Desc: | | PUMP | | | |
| Pump Test ID: | | 991506115 | | | |
| Pump Set At: | | | | | |
| Static Level: | | 12.0 | | | |
| Final Level After Pumping: | | 12.0 | | | |
| Recommended Pump Depth: | | 30.0 | | | |
| Pumping Rate: | | 5.0 | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | 5.0 | | | |
| Levels UOM: | | ft | | | |
| Rate UOM: | | GPM | | | |
| Water State After Test Code: | | 1 | | | |
| Water State After Test: | | CLEAR | | | |
| Pumping Test Method: | | 1 | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|------------------------------|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <i>Pumping Duration HR:</i> | | | 0 | | |
| <i>Pumping Duration MIN:</i> | | | 30 | | |
| <i>Flowing:</i> | | | No | | |

Water Details

Water ID: 933460199
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 76.0
Water Found Depth UOM: ft

Unplottable Summary

Total: **17** Unplottable sites

| DB | Company Name/Site Name | Address | City | Postal |
|------|--|--|-----------|---------|
| AAGR | | Lot 24 Con 4 | Nepean ON | |
| CA | Loblaws | Lot 24, Conc. 11, Block 32, Plan 4M- 1103 | Ottawa ON | |
| CA | Loblaws | Lot 24, Conc. 11, Block 32, Plan 4M- 1103 | Ottawa ON | |
| CONV | Brandon James Amell | Highway 416 | Ottawa ON | |
| CONV | CEDARHILL GOLF ENTERPRISES INC | | ON | |
| GEN | NATIONAL CAPITAL COMMISSION | LOT 25,26,27 | OTTAWA ON | K1P 1C7 |
| LIMO | Gloucester Sand and Gravel Limited Waste Disposal Site | Lot 26, Concession 4 | Ottawa ON | |
| PTTW | Courtyard Developments Incorporated | Lot 23, Concession 4 Ottawa | ON | |
| PTTW | R.W. Tomlinson Limited | Albion Pit Address: Lot: part of lot 26, Concession: IV, Ottawa District Office: Ottawa GLOUCESTER | ON | |
| PTTW | Courtyard Developments Incorporated | Lot 23, Concession 4, Ottawa Ottawa | ON | |
| WWIS | | lot 25 | ON | |
| WWIS | | lot 23 | ON | |
| WWIS | | lot 25 | ON | |
| WWIS | | lot 24 | ON | |
| WWIS | | lot 23 | ON | |
| WWIS | | lot 25 | ON | |
| WWIS | | lot 25 | ON | |

Unplottable Report

Site: Lot 24 Con 4 Nepean ON

Database:
AAGR

Type: Quarry
Region/County: Ottawa-Carleton
Township: Nepean
Concession: 4
Lot: 24
Size (ha): 9
Landuse:
Comments:

Site: Loblaws
Lot 24, Conc. 11, Block 32, Plan 4M- 1103 Ottawa ON

Database:
CA

Certificate #: 4714-4UUTU4
Application Year: 01
Issue Date: 3/28/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: T. L. Properties IV Ltd.
Client Address: 104 Centrepointe Drive, Suite 200
Client City: Nepean
Client Postal Code: K2G 6B1
Project Description: Sanitary and storm sewers to be constructed on Easement, Part 23, Plan 4R-16275
Contaminants:
Emission Control:

Site: Loblaws
Lot 24, Conc. 11, Block 32, Plan 4M- 1103 Ottawa ON

Database:
CA

Certificate #: 5813-4UUTBU
Application Year: 01
Issue Date: 3/28/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: T. L. Properties IV Ltd.
Client Address: 104 Centrepointe Drive, Suite 200
Client City: Nepean
Client Postal Code: K2G 6B1
Project Description: Watermains to be constructed on Easement, Part 24, Plan 4R- 16275
Contaminants:
Emission Control:

Site: Brandon James Amell
Highway 416 Ottawa ON

Database:
CONV

File No:
Crown Brief No:
Court Location: Ottawa
Publication City:
Publication Title: Diesel Truck Owner fined \$500 for an Environmental Protection Act Violation
Act: Environmental Protection Act
Location:
Region:
Ministry District:

Act(s):

First Matter:

Second Matter:

Investigation 1:

Investigation 2:

Penalty Imposed:

Brandon Amell was convicted of one violation under the Environmental Protection Act and was fined \$500 plus a victim fine surcharge of \$110 and was given 3 months to pay.

Description:

The conviction relates to hindering or obstructing a Provincial Officer in the lawful performance of his duties by evading the Provincial Officer.

Background:

Drive Clean is an Ontario Environmental Protection Act program that is enforced by the Ministry of the Environment, Conservation and Parks and is designed to reduce smog-causing pollutants from motor vehicles. On April 11, 2018, ministry officers were monitoring traffic on Highway 416 in Ottawa for the purpose of performing roadside inspections to enforce the Drive Clean program. The ministry officers were wearing visual identification enforcement officer uniforms and were driving in a ministry patrol vehicle that was equipped with a red-light package.

On this date, the ministry officer signalled a white GMC diesel pickup truck to stop for an inspection by activating the red-light package on the ministry vehicle.

Brandon James Amell was driving the pickup and failed to immediately bring the vehicle to a safe stop, but instead accelerated away and took a highway off ramp.

It is understood that Mr. Amell did this because he was concerned about being caught driving while under suspension.

URL:

The ministry's Investigations and Enforcement Branch investigated and laid charges resulting in one conviction. <https://news.ontario.ca/ene/en/2019/10/diesel-truck-owner-fined-500-for-an-environmental-protection-act-violation.html>

Additional Details

Publication Date:

October 15, 2019 4:00 P.M.

Count:

Act:

Regulation:

Section:

Act/Regulation/Section:

Date of Offence:

On or about April 11, 2018

Date of Conviction:

September 18, 2019

Date Charged:

Charge Disposition:

Fine:

\$500

Synopsis:

Site: CEDARHILL GOLF ENTERPRISES INC
ON

Database:
CONV

File No:

Crown Brief No:

98-0000-9004

Location:

Region:

EASTERN REGION

Ministry District:

Court Location:

Publication City:

Publication Title:

Act:

Act(s):

First Matter:

Second Matter:

Investigation 1:

Investigation 2:

Penalty Imposed:

Description:

THIS IS THE EASTERN BRIEF FOR ALL P.O.A. TICKETS

Background:

URL:

Additional Details

Publication Date:

Count:

1

Act:

OWRA

Regulation:

Section:

34(8)

Act/Regulation/Section:

OWRA- -34(8)

Date of Offence:
Date of Conviction:
Date Charged: 9/11/01
Charge Disposition: SUSPENDED SENTENCE
Fine: \$305.00
Synopsis:

Site: NATIONAL CAPITAL COMMISSION
LOT 25,26,27 OTTAWA ON K1P 1C7

Database:
GEN

Generator No: ON9920165
SIC Code: 712190
SIC Description: Other Heritage Institutions
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Site: Gloucester Sand and Gravel Limited Waste Disposal Site
Lot 26, Concession 4 Ottawa ON

Database:
LIMO

| | |
|--|--------------------------------|
| ECA/Instrument No: A460706 | Natural Attenuation: |
| Operation Status: Closed | Liners: |
| C of A Issue Date: | Cover Material: |
| C of A Issued to: | Leachate Off-Site: |
| Lndfl Gas Mgmt (P): | Leachate On Site: |
| Lndfl Gas Mgmt (F): | Req Coll Lndfill Gas: |
| Lndfl Gas Mgmt (E): | Lndfill Gas Coll: |
| Lndfl Gas Mgmt Sys: | Total Waste Rec: |
| Landfill Gas Mntr: | TWR Methodology: |
| Leachate Coll Sys: | TWR Unit: |
| ERC Est Vol (m3): | Tot Aprv Cap Unit: |
| ERC Volume Unit: | Financial Assurance: |
| ERC Dt Last Det: | Last Report Year: |
| Landfill Type: | Region: Eastern |
| Source File Type: | District Office: Ottawa |
| Fill Rate: | Site County: |
| Fill Rate Unit: | Lot: |
| Tot Fill Area (ha): | Concession: |
| Tot Site Area (ha): | Latitude: |
| Footprint: | Longitude: |
| Tot Apprv Cap (m3): | Easting: |
| Contam Atten Zone: | Northing: |
| Grndwtr Mntr: | UTM Zone: |
| Surf Wtr Mntr: | Data Source: |
| Air Emis Monitor: | |
| Approved Waste Type: | |
| Client Site Name: | |
| ERC Methodology: | |
| Site Name: Gloucester Sand and Gravel Limited Waste Disposal Site | |
| Site Location Details: | |
| Service Area: | |
| Page URL: | |

Site: Courtyard Developments Incorporated

Database:
PTTW

Lot 23, Concession 4 Ottawa ON

EBR Registry No: IA04E1672
Ministry Ref No: ER-6311-677S8H
Notice Type: Instrument Decision
Notice Stage:
Notice Date: April 01, 2005
Proposal Date: November 30, 2004
Year: 2004
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Courtyard Developments Incorporated
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2811 Barlow Crescent, Dunrobin Ontario, K0A 1T0
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Lot 23, Concession 4 Ottawa

Site: *R.W. Tomlinson Limited*
Albion Pit Address: Lot: part of lot 26, Concession: IV, Ottawa District Office: Ottawa GLOUCESTER ON

Database:
PTTW

EBR Registry No: 011-4540
Ministry Ref No: 3648-8L7M3P
Notice Type: Instrument Decision
Notice Stage:
Notice Date: December 18, 2014
Proposal Date: September 01, 2011
Year: 2011
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: R.W. Tomlinson Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 5597 Power Road, RR #6, Ottawa Ontario, K1G 3N4
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Albion Pit Address: Lot: part of lot 26, Concession: IV, Ottawa District Office: Ottawa GLOUCESTER

Site: *Courtyard Developments Incorporated*
Lot 23, Concession 4, Ottawa Ottawa ON

Database:
PTTW

EBR Registry No: IA05E0429
Ministry Ref No: ER-1113-6AYSQL
Notice Type: Instrument Decision
Notice Stage:
Notice Date: July 22, 2005
Proposal Date: April 05, 2005
Year: 2005
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Courtyard Developments Incorporated
Site Address:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Location Other:

Proponent Name:
Proponent Address: 2811 Barlow Crescent, Dunrobin Ontario, K0A 1T0
Comment Period:
URL:

Site Location Details:

Lot 23, Concession 4, Ottawa Ottawa

Site: lot 25 ON

Database: WWIS

Well ID: 3611197
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 53230
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ATHENS VILLAGE
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/22/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1119
Form Version: 1
Owner:
County: LEEDS
Lot: 025
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10224584
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/05/1989
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock

Materials Interval

Formation ID: 931699885
Layer: 1
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3:

Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931699886
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 82.0
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933154745
Layer: 1
Plug From: 4.0
Plug To: 22.0
Plug Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 963611197
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10773154
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930379180
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 993611197
Pump Set At:
Static Level: 15.0

Final Level After Pumping: 50.0
Recommended Pump Depth: 60.0
Pumping Rate: 25.0
Flowing Rate:
Recommended Pump Rate: 25.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934749167
Test Type: Draw Down
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934209652
Test Type: Draw Down
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935000779
Test Type: Draw Down
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934488212
Test Type: Draw Down
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933689174
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 61.0
Water Found Depth UOM: ft

Water Details

Water ID: 933689175
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 77.0
Water Found Depth UOM: ft

Site:
lot 23 ON

Database:
WWIS

Well ID: 3612803
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 130767
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ATHENS VILLAGE
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/23/1993
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1119
Form Version: 1
Owner:
County: LEEDS
Lot: 023
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10226187
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/16/1993
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931704243
Layer: 2
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931704242
Layer: 1
Color:

General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933155900
Layer: 1
Plug From: 2.0
Plug To: 42.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 963612803
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10774757
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930381397
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930381399
Layer: 3
Material:
Open Hole or Material:
Depth From:
Depth To: 80.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930381398
Layer: 2
Material:

Open Hole or Material:
Depth From:
Depth To: 42.0
Casing Diameter: 9.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 993612803
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 60.0
Pumping Rate: 18.0
Flowing Rate:
Recommended Pump Rate: 18.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934215716
Test Type: Draw Down
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934484950
Test Type: Draw Down
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934746452
Test Type: Draw Down
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935005867
Test Type: Draw Down
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933691913
Layer: 1
Kind Code: 5

Kind: Not stated
Water Found Depth: 84.0
Water Found Depth UOM: ft

Site:
lot 25 ON

Database:
WWIS

Well ID: 1523747
Construction Date:
Use 1st: Industrial
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 49862
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/04/1989
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 025
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045521
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/12/1989
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931055592
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 32.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931055593
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 82
Material 2 Desc: SHALY
Material 3:
Material 3 Desc:
Formation Top Depth: 32.0
Formation End Depth: 250.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523747
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10594091
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079668
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 250.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930079667
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 36.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991523747
Pump Set At:
Static Level: 19.0
Final Level After Pumping: 100.0
Recommended Pump Depth: 100.0
Pumping Rate: 14.0
Flowing Rate:
Recommended Pump Rate: 14.0

Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934651310
Test Type:
Test Duration: 45
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106105
Test Type:
Test Duration: 15
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390332
Test Type:
Test Duration: 30
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908516
Test Type:
Test Duration: 60
Test Level: 100.0
Test Level UOM: ft

Water Details

Water ID: 933482123
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 225.0
Water Found Depth UOM: ft

Water Details

Water ID: 933482122
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Site: lot 24 ON

Database:
WWIS

Well ID: 1534384

Flowing (Y/N):

Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 265843
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/16/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6907
Form Version: 2
Owner:
County: OTTAWA-CARLETON
Lot: 024
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11097434
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/22/2003
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 961534384
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11101149
Casing No: 1
Comment:
Alt Name:

Site: lot 23 ON

Database:
WWIS

Well ID: 3609483
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/20/1986
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1119
Form Version: 1

Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ATHENS VILLAGE
Site Info:

Owner:
County: LEEDS
Lot: 023
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10222872
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/19/1985
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock

Materials Interval

Formation ID: 931695429
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931695430
Layer: 2
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 104.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 963609483
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10771442
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930377053
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 60.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 993609483
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 70.0
Recommended Pump Depth: 80.0
Pumping Rate: 16.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935003463
Test Type: Draw Down
Test Duration: 60
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934482101
Test Type: Draw Down
Test Duration: 30
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934744199
Test Type: Draw Down
Test Duration: 45
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934213285
Test Type: Draw Down
Test Duration: 15
Test Level: 70.0
Test Level UOM: ft

Water Details

Water ID: 933686533
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 73.0
Water Found Depth UOM: ft

Water Details

Water ID: 933686534
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 95.0
Water Found Depth UOM: ft

Site: lot 25 ON

Database:
WWIS

Well ID: 1528551
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 137549
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 07/17/1995
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 025
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050087
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Elevation:
Elevrc: 18
Zone:
East83:
North83:
Org CS:

Cluster Kind:
Date Completed: 06/20/1995
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931070012
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 02
Material 2 Desc: TOPSOIL
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 71.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931070013
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 71
Material 2 Desc: FRACTURED
Material 3:
Material 3 Desc:
Formation Top Depth: 71.0
Formation End Depth: 83.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961528551
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10598657
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930087550
Layer: 2
Material: 4

Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 83.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930087549
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 74.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991528551
Pump Set At:
Static Level: 48.0
Final Level After Pumping: 70.0
Recommended Pump Depth: 70.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 12.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934906465
Test Type: Recovery
Test Duration: 60
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104721
Test Type: Recovery
Test Duration: 15
Test Level: 51.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388346
Test Type: Recovery
Test Duration: 30
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648862
Test Type: Recovery
Test Duration: 45
Test Level: 48.0
Test Level UOM: ft

Water Details

Water ID: 933488281
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 76.0
Water Found Depth UOM: ft

Site: lot 25 ON

Database:
[WWIS](#)

Well ID: 1525383
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 100018
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 05/29/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 025
Concession:
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047121
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/11/1991
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931060969
Layer: 3
Color: 2
General Color: GREY

Material 1: 28
Material 1 Desc: SAND
Material 2: 91
Material 2 Desc: WATER-BEARING
Material 3:
Material 3 Desc:
Formation Top Depth: 43.0
Formation End Depth: 52.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931060968
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 86
Material 2 Desc: STICKY
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 43.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931060970
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 52.0
Formation End Depth: 120.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931060967
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 68
Material 2 Desc: DRY
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931060971

Layer: 5
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 120.0
Formation End Depth: 175.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525383
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595691
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082495
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 175.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930082494
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 54.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991525383
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 75.0
Pumping Rate: 6.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM

Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934387617
Test Type: Draw Down
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648157
Test Type: Draw Down
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112212
Test Type: Draw Down
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905756
Test Type: Draw Down
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933484357
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 165.0
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](#)

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2023

Abandoned Mine Information System:

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Apr 2024

Anderson's Waste Disposal Sites:

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Apr 30, 2024

Borehole:

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors:

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Apr 30, 2024

Compressed Natural Gas Stations:

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Nov 2023

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-Mar 2024

Certificates of Property Use:

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Mar 31, 2024

Drill Hole Database:Provincial [DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Aug 2023**Delisted Fuel Tanks:**Provincial [DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Oct 2023**Environmental Activity and Sector Registry:**Provincial [EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011-Apr 30, 2024**Environmental Registry:**Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994 - Mar 31, 2024**Environmental Compliance Approval:**Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011-Apr 30, 2024**Environmental Effects Monitoring:**Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007***ERIS Historical Searches:**Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Mar 31, 2024**Environmental Issues Inventory System:**Federal [EIIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land / water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2022

List of Expired Fuels Safety Facilities:

Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Federal Convictions:

Federal **FCON**

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Mar 2024

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: Oct 31, 2021

Fuel Storage Tank:

Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic:

Provincial

[FSTH](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

[GEN](#)

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2021

TSSA Historic Incidents:

Provincial

[HINC](#)

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario:

Provincial

[LIMO](#)

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Mar 31, 2022

Canadian Mine Locations:

Private

[MINE](#)

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial [MNR](#)

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2024

National Analysis of Trends in Emergencies System (NATES):

Federal [NATE](#)

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial [NCPL](#)

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2022

National Defense & Canadian Forces Fuel Tanks:

Federal [NDFT](#)

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal [NDSP](#)

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal [NDWD](#)

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal [NEBI](#)

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal [NEBP](#)

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory 1993-2020:

Federal

NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Sep 2020

National Pollutant Release Inventory - Historic:

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 29, 2024

Ontario Oil and Gas Wells:

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Aug 2023

Inventory of PCB Storage Sites:

Provincial

OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders:

Provincial

ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994 - Mar 31, 2024

Canadian Pulp and Paper:

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks:

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011-Apr 30, 2024

NPRI Reporters - PFAS Substances:

Federal

PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI:

Federal

PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 2020

Pipeline Incidents:

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing is an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial

PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Mar 31, 2024

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition:

Provincial

RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Government Publication Date: 1997-Sept 2001, Oct 2004-Apr 2024

Retail Fuel Storage Tanks:

Private

RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Apr 30, 2024

Scott's Manufacturing Directory:

Private

SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

SPL

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in Mar 2023-Feb 2024 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Jan 2023; see description

Wastewater Discharger Registration Database:

Provincial

SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks:

Private

TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011-Apr 30, 2024

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Dec 31 2023

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX 3

QUALIFICATIONS OF ASSESSORS



PATERSON GROUP

solution oriented engineering

Mark Bujaki, B.Sc., MBA Junior Environmental Scientist

Mark joined Paterson Group in 2024 as part of the Environmental Division. Mark received his Bachelor of Science from Carleton University in 2016, his Master of Business Administration from the Sprott School of Business in 2018 and a Graduate Certificate in Environmental Management and Assessment from Algonquin College in 2019. In his time at Paterson, Mark has been involved in residential and commercial projects within Ontario and Quebec. He has completed environmental sampling programs, Phase I environmental site assessments, excess soil testing and the associate reporting. His scope of work consists of environmental investigation and reporting, field inspections, soil and groundwater sampling, remediation supervision, and ensuring compliance to applicable regulatory standards.

EDUCATION

Honours Bachelor of Science Earth Sciences
Minor in Biology
2016
Carleton University

Master of Business Administration
2018
Carleton University

Graduate Certificate: Environmental Management
and Assessment
2019
Algonquin College

YEARS OF EXPERIENCE

4 years

Thomas Cavanagh Construction
Environmental Technician
4 years

Paterson Group
2024-Present

OFFICE LOCATION

9 Auriga Drive, Ottawa, Ontario, K2E 7T9

SELECT LIST OF PROJECTS

- Kanata South Link, Ottawa, ON – Monitoring for Species At Risk, Erosion and Sediment Control Monitoring and Reporting, Permit to Take Water Monitoring and Reporting
- Strandherd Dr. Widening, Ottawa, ON – Monitoring for Species At Risk, Erosion and Sediment Control Monitoring and Reporting, PTTW Monitoring and Reporting
- Kennedy Burnett Stormwater Management Pond Retrofit, Ottawa, ON – Groundwater Monitoring, Fish Salvage, Erosion and Sediment Control, Species at Risk Monitoring
- Eagleson Rd Watermain Repair, Ottawa, ON – Monitoring and testing groundwater for compliance with City of Ottawa Sewer use agreement
- Valley Drive Sewer Reconstruction, Ottawa, ON – Erosion and Sediment Control, SSA Compliance and EASR Reporting
- Kanata West Development, Ottawa, ON – Water Quality Monitoring, Erosion and Sediment Control
- Environmental Compliance Approvals - Various, ON – Site Inspections, Water Quality Testing, ESC, Operational Functionality
 - Canadian Nuclear Laboratories - Near Surface Disposal Facility, Chalk River, ON – Environmental Plan Supervision and Consultation

PROFESSIONAL EXPERIENCE

2024 to present, **Junior Environmental Scientist, Paterson Group, Ottawa, Ontario**

- Conducting Phase I Environmental Site Assessments in accordance with CSA standards and O.Reg. 153/04.
- Presenting analytical test results, interpretations, assessments, recommendations, and conclusions in a final technical report.
- Field experience in the supervision of drilling and excavation contractors, inspection of aboveground and underground fuel storage tanks, soil classification, soil and groundwater field sampling.
- Liaising with clients, contractors, and consultants.

2019 to 2024, **Environmental Technician, Thomas Cavanagh Construction, Ottawa, Ontario**

- Water and soil sampling for laboratory submission.
- Interpreting and reporting analytical test results.
- Erosion and sediment control plan development and implementation.
- Nesting bird and wildlife surveys / species at risk monitoring.
- Actively coordinated daily between multiple foremen, project managers, contract administrators and project owners to ensure project needs are satisfied.
- Reviewing and consulting on environmental policies and best practices as part of a multi-stakeholder partnership.
- Planning, permitting, and leading for and conducting fish salvages in rivers, creeks and stormwater management ponds, using backpack electrofisher.
- Environmental compliance with City of Ottawa, Lanark County, Renfrew County, Provincial legislation, and Federal Legislation
- Spill remediation planning and implementation.
- EASR and PTTW application, monitoring, and compliance.



PATERSON GROUP

solution oriented engineering



Mark S. D'Arcy, P.Eng., QP_{ESA} **Director – Environmental Division**

After receiving his Bachelors of Applied Science from Queen's University in 1991 in Geological Engineering, Mark joined Paterson Group Inc. During the first 10 years of Mark's career, he was heavily involved in all aspects of field work, including drilling boreholes, excavating test pits, conducting phase I site inspections, environmental sampling and analysis and inspection of environmental remediations. During Mark's field experience, he gained invaluable field and office experience, which would prepare Mark to become the Environmental Division Manager. Mark's field experience ranges from Phase I Environmental Site Assessments (ESAs) to on-site soil and groundwater remediations, as well as, environmental/geotechnical borehole investigations. Mark's field experience has provided extensive knowledge of subsurface conditions, contractor relations and project management. These skills would provide Mark with the ability to understand a variety of situations, which has lead Paterson to an extremely successful Environmental Department. Mark became the Environmental Manager in 2006, which consisted of two engineers and two field technicians. Mark has been an integral part in growing the Environmental Division, which now consists of nine engineers and three field technicians. Mark is the Senior Project Manager for a wide variety of environmental projects within the Eastern Ontario area including Phase I ESAs, Phase II ESAs, remediations for filing Records of Site Condition in the Ontario Ministry of the Environment and Climate Change (MOECC) Environmental Site Registry, Brownfield Applications and Landfill Monitoring Programs. As the Senior Project Manager, Mark is responsible for directing project personnel, final report review and overall project success. Mark has proven leadership and ability to manage small to large scale projects within the allotted time and budget.

EDUCATION

B.A.Sc. 1991, Geological Engineering, Queen's University, Kingston, ON

LICENCE/PROFESSIONAL AFFILIATIONS

Professional Engineers of Ontario

ESA Qualified Person with MECP

Ontario Society of Professional Engineers

Consulting Engineers of Ontario

YEARS OF EXPERIENCE

With Paterson: 33

OFFICE LOCATION

9 Auriga Drive, Ottawa, Ontario, K2E 7T9

SELECT LIST OF PROJECTS

- 222 Beechwood Avenue, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 409 MacKay Street, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Art's Court Redevelopment, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Visitor Welcome Centre, Phase II and Phase III, Parliament Hill, Ottawa, Ontario (Senior Project Manager for Environmental Remediation)
- Mattawa Landfill, Mattawa, Ontario (Senior Project Manager, Annual Water Quality Monitoring report)
- Multi-Phase Redevelopment of the Ottawa Train Yards, Ottawa, Ontario (Senior Project Manager)
- Rideau Centre Expansion, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 26 Stanley Avenue, Ottawa, Ontario, Phase I ESA, Phase II ESA (Senior Project Manager)
- Monitoring Landfills for River Valley, Kipling and Lavigne (Senior Project Manager)
- Block D Lands – Brownfields Project - Kingston

PROFESSIONAL EXPERIENCE

2001 to present, Manager of Environmental Division, Paterson Group Inc., Ottawa, Ontario

- Manage all aspects of the environmental division (management of personnel, budgeting, invoicing, scheduling, business development, reporting, marketing, and fieldwork).
- Review day to day operations within the environmental division.
- Design, perform, and lead Phase I, II and Phase III ESAs, Remediation's, Brownfield Applications and Record of Site conditions, fieldwork surveys, excavation, monitoring, laboratory analysis, and interpretation.
- Write, present, and publish reports with methodology and laboratory analysis results, along with recommendations for environmental findings.
- Responsible for ensuring projects meet Ministry of Environment and Climate Change Standards and Guidelines.
- Building and fostering relationships with clients, stakeholders, and Ministry officials.
- Supervise and continuous training of staff in environmental methods (environmental sampling techniques, technical expertise and guidance).
- Applied due diligence in ensuring the health and safety of staff and the public in field locations.

1991 to 2001, Geotechnical and Environmental Engineer, Paterson Group Inc., Ottawa, Ontario

- Provide on-site geotechnical and environmental expertise to various clients.
- Oversee geotechnical and environmental investigations for drilling and test pitting on numerous proposed utility installations, residential and commercial developments.
- Problem solving to help advance or maintain project schedules.
- Complete environmental reports with recommendations to meet environmental standards set by MOE and CCME standards.
- Conduct site inspections, bearing medium evaluations, bearing surface inspections, concrete testing and field density testing.
- Liaising with contractors, consultants and government officials.
- Provide cost estimates for geotechnical and environmental field programs and construction costs.
- Review RFI's, submittals, monthly progress reports and other various construction related work.