

# Phase One Environmental Site Assessment 2983 Navan Road, Ottawa, Ontario

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## **Executive Summary**

EXP Services Inc. (EXP) was retained by 12714001 Canada Inc. to complete a Phase One Environmental Site Assessment (ESA) for the property located at 2983 Navan Road, Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was vacant.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance the Canadian Standards Association (CSA) Z768 guideline, as amended, in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices. Subject to this standard of care, EXP makes no express or implied warranties regarding its services and no third-party beneficiaries are intended. Limitation of liability, scope of report and third-party reliance are outlined in Section 9 of this report.

The purpose of this Phase One ESA is to determine if past or present site activities have resulted in actual or potential contamination at the Phase One property. It is understood that the report will be used to support a site plan application for residential development. The most recent use of the property is not defined by Ontario Regulation 153/04. It is proposed that a residential development, including 67 townhouse units and two nine-storey condos, be constructed on the vacant property.

The Phase One property has the municipal address of 2983 Navan Road in Ottawa, Ontario. The Phase One property is located on the west side of Navan Road, immediately south of Brian Coburn Boulevard and is currently vacant. The Phase One property is irregular in shape with an area of approximately 11.2 acres (4.5 hectares).

The legal description of the Phase One property is described as Part of Lot 6 Concession 3, Gloucester; Parts 2 and 3 Plan 5R-4675, Part 3 Plan 5R-7985, Part 4 Plan 5R-11005, except Parts 13, 14 and 16 Plan 4R-21265 and Parts 1 to 7 expropriation Plan OC1834435, Ottawa. The property identification number (PIN) for the site is 047561337.

Based on a review of historical aerial photographs, historical maps, fire insurance plans and other records, it appears that the Phase One property has never been developed.

The nearest surface water body to the Phase One property is Mud Creek located approximately 70 m north of the Site. The inferred groundwater flow direction is north towards the creek.

There are no areas of natural or scientific interest (ANSI) within the Phase One study area.

There were 31 well records within the Phase One study area, 30 of which are for potable wells. None of the records are for the Site. Surrounding properties that have been recently developed are serviced by municipal water. Private wells may still be in use in some of the older residences in the Phase One study area.

No on-site PCA were identified. The following off-site PCA were identified:

- PCA #11 Commercial Trucking and Container Terminals
- PCA #28 Gasoline and Associated Products Storage in Fixed Tanks
- PCA #58 Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners

Based on the intervening distance, cross-gradient location from the Phase One property, and the low hydraulic conductivity of the native silty clay, none of the PCAs identified in the Phase One study area are an environmental concern to the Phase One property. Therefore, no APECs were identified.

The Qualified Person who oversaw this work, Patricia Stelmack, M.Sc., P.Eng., does not recommend that a Phase Two ESA be conducted since no APECs were identified on the Phase One property.



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The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.

This executive summary is a brief synopsis of the report and should not be read in lieu of reading the report in its entirety.



## **1.0** Introduction

EXP Services Inc. (EXP) was retained by 12714001 Canada Inc. to complete a Phase One Environmental Site Assessment (ESA) for the property located at 2983 Navan Road, Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was vacant.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance the Canadian Standards Association (CSA) Z768 guideline, as amended, in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices. Subject to this standard of care, EXP makes no express or implied warranties regarding its services and no third-party beneficiaries are intended. Limitation of liability, scope of report and third-party reliance are outlined in Section 9 of this report.

Please note that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the property, however, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

## 1.1 Objective

The purpose of this Phase One ESA is to determine if past or present site activities have resulted in actual or potential contamination at the Phase One property. It is understood that the report will be used to support a site plan application for residential development.

The most recent use of the property is not defined by Ontario Regulation 153/04. It is proposed that a residential development, including 67 townhouse units and two nine-storey condos, be constructed on the vacant property.

EXP personnel who conducted assessment work for this project included Leah Wells, P.Eng. and Patricia Stelmack, P.Eng. An outline of their qualifications is provided in Appendix A.

## 1.2 Phase One Property Information

The Phase One property has the municipal address of 2983 Navan Road in Ottawa, Ontario. The Phase One property is located on the west side of Navan Road, immediately south of Brian Coburn Boulevard and is currently vacant. The Phase One property is irregular in shape with an area of approximately 11.2 acres (4.5 hectares). A survey plan is provided in Appendix B.

The legal description of the Phase One property is described as Part of Lot 6 Concession 3, Gloucester; Parts 2 and 3 Plan 5R-4675, Part 3 Plan 5R-7985, Part 4 Plan 5R-11005, except Parts 13, 14 and 16 Plan 4R-21265 and Parts 1 to 7 expropriation Plan OC1834435, Ottawa. The property identification number (PIN) for the site is 047561337. The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One property are Zone 18, 459270 m E and 5031104 m N. The UTM coordinates are based on measurements from Google Earth Pro, published by the Google Limited Liability Company (LLC). The accuracy of the centroid is estimated to be less than 10 m.

Authorization to proceed with this investigation was provided by Raad Akrawi on behalf of 12714004 Canada Inc. Contact information for Mr. Akrawi is 768 St. Joseph Boulevard, Gatineau, Quebec, J8Y 4B8.

The Phase One property site location and site layout are shown in Appendix C on Figure 1 and Figure 2, respectively.



## 2.0 Scope of Investigation

The scope of work for the Phase One ESA consisted of the following activities:

- Reviewing the historical occupancy of the Phase One property through the use of available archived and relevant municipal and business directories, fire insurance plans (FIPs), topographical maps, and aerial photographs;
- Reviewing municipal and provincial records to determine whether activities that have occurred within the Phase One study area pose a potential environmental concern to the Phase One property;
- Obtaining an EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the Phase One property and surrounding properties within a 250-metre radius of the Phase One property;
- Reviewing available geological maps, well records and utility maps for the vicinity of the Phase One property;
- Obtaining a search of land title and assessment rolls for the Phase One property;
- Conducting at least one reconnaissance of the Phase One property and surrounding properties within a 250-metre radius of the Phase One property in order to identify the presence of actual and/or potential environmental contaminants or concerns of significance;
- Conducting interviews with designated representative(s) as a resource for current and historical information;
- Reviewing the current use of the Phase One property and any land use practices that may have impacted its environmental condition;
- Reviewing the current use of the surrounding properties and any land use practices that may have impacted the environmental condition of the Phase One property; and,
- Preparing a report to document the findings.

In completing the scope of work, EXP did not conduct any intrusive investigations, including sampling, analyses, or monitoring. EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or of any of the statements made by others.



## 3.0 Records Review

### 3.1 Phase One ESA Study Area Determination

The Phase One study area comprises the Phase One property and surrounding properties wholly or partly within 250 metres of the property boundaries. The 250-metre radius was used to gain an understanding of the current and past uses of surrounding properties to determine whether such uses may have contributed to subsurface environmental impacts at the Phase One property.

According to the City of Ottawa GeoOttawa on-line mapping tool, the Phase One property is zoned for general mixed use. Properties to the west, and to the adjacent north and east are zoned development reserve. The area surrounding the creek to the north is zoned open space. The remainder of the study area is zoned for residential use.

The Phase One study area is shown on Figure 3 in Appendix C.

## 3.2 First Developed Use Determination

The first developed use of a property is defined as use that resulted in the development of a building or structure. Based on a review of historical aerial photographs, historical maps, and other records, it appears that the Phase One property has never been developed.

#### 3.3 Fire Insurance Plans

No fire insurance plans are available for the Phase One study area.

#### 3.4 Chain of Title

A chain of title was requested from Read Abstracts Limited for the Phase One property. A copy of the chain of title information is provided in Appendix C.

The property was owned by individuals since prior to 1875 until May 4, 2021, when title was transferred to 12714001 Canada Inc. The Perrault family owned the property from 1885 to 2021. A summary of the chain of title information is provided in the following table:

| Year | Name of Owner      | Description of<br>Property Use | Property Use             | Other Observations                        |
|------|--------------------|--------------------------------|--------------------------|---|
| 1868 | James Daily        | Undeveloped                    | Agricultural or<br>Other | No evidence of development<br>in the area |
| 1875 | Eliza Grant        | Undeveloped                    | Agricultural or<br>Other | No evidence of development<br>in the area |
| 1876 | David Miller       | Undeveloped                    | Agricultural or<br>Other | No evidence of development<br>in the area |
| 1885 | Louis Perrault Jr. | Undeveloped                    | Agricultural or<br>Other | No evidence of development<br>in the area |
| 1907 | Robert Perrault    | Undeveloped                    | Agricultural or<br>Other | No evidence of development<br>in the area |
| 1929 | Elizabeth Perrault | Undeveloped                    | Agricultural or<br>Other | No evidence of development<br>in the area |



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| Year | Name of Owner   | Description of<br>Property Use | Property Use             | Other Observations   |
|------|---|--------------------------------|--------------------------|--|
| 1945 | William J. Perrault and Louis J.<br>Perrault  | Undeveloped                    | Agricultural or<br>Other | No evidence of development<br>in the area  |
| 1951 | Louis Perrault  | Undeveloped                    | Agricultural or<br>Other | 1965 aerial photograph<br>indicates north part of<br>property has been cleared<br>and south part may have<br>been used for agricultural<br>purposes. |
| 1987 | Annette Perrault  | Undeveloped                    | Agricultural or<br>Other | 1991 aerial photograph<br>indicates property is covered<br>with trees.   |
| 1992 | Robert Perrault, Francois Perrault,<br>Louise Cracknell, Andree McNeely,<br>Francine Perrault-Leblanc | Undeveloped                    | Agricultural or<br>Other | Aerial photographs taken in<br>1999, 2002, 2011, and 2019<br>indicate property is covered<br>with trees.   |
| 2021 | <b>2021</b> 12714001 Canada Inc.  |                                | Agricultural or<br>Other | Mature trees were observed<br>during site reconnaissance.  |

### 3.5 Environmental Reports

There following previous environmental and/or geotechnical reports pertaining to the Phase One property were available for review:

1. Paterson Group, *Phase I Environmental Site Assessment, Vacant Land, 2983 and 3053 Navan Road, Ottawa, Ontario,* February 2018.

The Phase I ESA was conducted for the Phase One property and the adjacent property to the south. According to a developer who was working in the area, the Phase One property was owned by the Perrault family since 1830. The operations of the service garage and the presence of a private fuel outlet at 3000 Navan Road were identified as potentially contaminating activities (PCAs) within the Phase One study area, however these activities were deemed unlikely to pose an environmental concern to the Phase One property because of its downgradient location with respect to the Phase One property. No areas of potential environmental concern (APEC) were identified and no further environmental assessment was recommended for the Site.

2. Paterson Group, *Geotechnical Investigation, Brian Coburn Boulevard at Navan Road, Ottawa, Ontario*, November 2018.

Four boreholes were advanced to a maximum depth of 9.8 metres below ground surface (m bgs). Subsurface conditions were characterized by a thin layer of silty sand overlying silty clay. Bedrock was not encountered during the investigation. Overburden drift thickness in the area ranges from 25 to 50 m bgs. The groundwater table was encountered between 4 and 5.5 m bgs.

## 3.6 Environmental Source Information

Information pertaining to the Phase One property was obtained by reviewing documents that are available to the public through municipal and provincial sources. EXP did not identify the need to contact any federal agencies.

Written responses from regulatory agencies and copies of documents obtained via searches are provided in Appendix D.



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### 3.6.1 Ontario Ministry of the Environment, Conservation and Parks Records

On March 22, 2021, records pertaining to the site were requested from the Ministry of the Environment, Conservation and Parks (MECP) through the *Freedom of Information and Protection of Privacy Act* (FOI). To date, no response has been received. If environmentally significant information is obtained from the MECP search, it will be provided as an addendum to this report.

### 3.6.2 Historical Land Use Inventory

On March 22, 2021, records pertaining to the site were requested from the City of Ottawa for the Historical Land Use Inventory (HLUI) through the *Municipal Freedom of Information and Protection of Privacy Act* (FOI). A response was received from the City on July 14, 2021. A copy of the response is provided in Appendix D.

No records pertaining to the Phase One property were found. With regards to neighbouring properties, the following findings were noted:

- 3000 Navan Road (80 m west) Marcel Brazeau Ltd. is registered as a truck transport industry, as well as having a
  private fuel outlet on the property.
- 6101 Renaud Road (3060 Navan Road, 70 m southwest) Marcel Brazeau Ltd. is registered as a truck transport industry
- East of Page Road (150 m northeast) unnamed sand and gravel pit
- 2983 Navan Road (100 m north) unnamed sand and gravel pit

A heating and cooling company, electrician, and a construction company were also identified in the Phase One study area. Based on the intervening distance, cross-gradient location from the Phase One property, and the low hydraulic conductivity of the native silty clay, none of the records reviewed are considered an environmental concern to the Phase One property.

## 3.6.3 Environmental Registry

On March 18, 2021, the MECP Environmental Registry website was searched for postings in the vicinity of the Phase One property. No records were found.

## 3.6.4 Environmental Access

On March 18, 2021, the MECP Environmental Access website was searched for postings within the Phase One study area. The following records were found:

- 3000 Navan Road (80 m south) 2561678 Ontario Inc. registered a waste management in February 2000. Use of this waste management system is limited to the collection, handling and transportation of waste (PCA #58 Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners). Waste is limited to leaf/yard waste, non-hazardous solid industrial waste, contaminated soil, non-hazardous spill cleanup material.
- 2995 Navan Road (30 m north) City of Ottawa, ECA for establishment of wastewater infrastructure at the Chapel Hill Park and Ride, including storm sewers and a bioretention basin that discharges to Mud Creek.

An ECA for a waste management system was issued in 2000 for 3000 Navan Road (PCA #58 – Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners). Based on the intervening distance, cross-gradient location from the Phase One property, low hydraulic conductivity of the native silty clay, and the EASR which states no on-site storage of wastes is associated with the operation of the waste management system, this is not an environmental concern to the Phase One property.



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## 3.6.5 Hazardous Waste Information Network

On March 16, 2020, the MECP Hazardous Waste Information Network (HWIN) website was searched for registered waste generators within the Phase One study area. Search parameters included "Navan", "Perrault", "Brazeau", "Leblanc", and all of the generator numbers provided in the ERIS report. The following records were found:

| Location<br>(Generator)                               | Proximity<br>to the Site | Wastes Generated               | Years        | Environmental Concern to Site<br>and Rationale  |
|---|--------------------------|--------------------------------|--------------|---|
| 1310034 Ontario Inc.<br>2624 Page Road<br>(ON4100513) | 250 m<br>north           | Paint/pigment/coating residues | 2011 to 2021 | No, based on the intervening<br>distance and the down-gradient<br>location of the property. |

## 3.6.6 Records of Site Condition

On March 18, 2021, the MECP Brownfields Registry website was searched for postings of Records of Site Condition (RSC) within the Phase One study area. No records were found.

## 3.6.7 Coal Gasification Plants

Documents entitled *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario* prepared by the MECP and *Inventory of Coal Gasification Plant Waste Sites in Ontario* prepared by Intera Technologies Ltd. were reviewed. There were no coal gasification plants identified within the Phase One study area.

## 3.6.8 PCB Storage Sites

Documents entitled National Inventory of PCBs in Use and PCB Wastes in Storage in Canada, 2003 Annual Report prepared by Environment Canada and Ontario Inventory of PCB Storage Sites prepared by the MECP were reviewed. No records pertaining to PCB storage sites were identified within the Phase One study area.

## 3.6.9 Waste Disposal Sites

Documents entitled Old Landfill Management Strategy, Phase 1, Identification of Sites, City of Ottawa, Ontario prepared by Golder Associates Ltd. and Waste Disposal Site Inventory prepared by the MECP were reviewed. No former landfills or waste disposal sites were identified within the Phase One study area.

## 3.6.10 Street Directories

Records pertaining to the site were requested from the EcoLog Environmental Risk Information Services (or EcoLog ERIS) for the municipal street directories in the Phase One study area. EcoLog ERIS is an environmental database and information service provider.

As a result of the COVID-19 pandemic, the government has closed various institutions which limits EXP's ability to access government libraries and archives. As such the city directories available for review were limited at this time.

Partial city directories for 1988, 1995, 2001, 2005, and 2011 were reviewed. The following was noted:

- No city directories for this area are available prior to 1988.
- All of listings in the available city directories are for residential properties, with the exception of DJ Snack Bar listed for 3079 Navan Road in 1985.



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Based on a review of the aerial photographs (Section 3.8.1) and current observations of the surrounding properties (section 5.14) EXP does not anticipate any additional PCAs on nearby properties that are not already addressed in this report.

## 3.7 EcoLog ERIS Database Search

A search of provincial and federal databases for records pertaining to the Phase One property and properties within the Phase One study area was conducted by EcoLog ERIS. EXP has confirmed neither the completeness nor the accuracy of the records that were provided. A summary of the more significant findings is provided below. A copy of the EcoLog ERIS report is provided in Appendix E.

| Location                         | Proximity to<br>the Site | Description  | Database          | Environmental Concern<br>to Site (Yes/No) &<br>Rationale  |
|----------------------------------|--------------------------|--|-------------------|---|
| 3000 Navan                       | 80 m south               | Laurent LeBlanc Ltd., registered waste generator<br>of aliphatic solvents, oil skimmings and sludges,<br>petroleum distillates, and waste oils and<br>lubricants from 1994 to 2020 (ON1875101,<br>ON4141965).  | GEN               | No, due to the distance<br>and cross-gradient<br>location from the Site.  |
| Road                             |                          | Use of this waste management system is limited<br>to the collection, handling and transportation of<br>waste. Waste is limited to leaf/yard waste, non-<br>hazardous solid industrial waste, contaminated<br>soil, non-hazardous spill cleanup material. | CA, EASR          | No, no storage of wastes<br>is associated with the<br>operation of the waste<br>management system   |
| 3060 Navan<br>Road               | 140 m south              | Marcel Brazeau Ltd., registered waste generator<br>of light fuels, aliphatic solvents, light fuels, and<br>waste oils and lubricants from 1989 to 2009<br>(ON1212200).<br>Private fuel outlet, two single wall gasoline ASTs                             | FST<br>GEN<br>SPL | No, based on the<br>intervening distance,<br>cross-gradient location<br>from the Phase One<br>property, and the low<br>hydraulic conductivity of<br>the native silty clay |
| Navan Road<br>and Paige<br>Road  | 140 m<br>southeast       | February 2, 1996 OC Transpo vehicle spilled 5 L of hydraulic oil to road.  | SPL               | No, due to the small volume of contaminant spilled.   |
| Navan Road<br>and Renaud<br>Road | 140 m<br>southeast       | June 4, 2012 motor vehicle accident spilled 265<br>L of diesel fuel to ditch.  | SPL               | No, due to the distance<br>from the Site.   |
| 2624 Paige<br>Road               | 250 m north              | 1310034 Ontario Inc. (Cobb National Coatings),<br>registered waste generator of paint/pigment/<br>coating residues from 2011 to 2020<br>(ON4100513).   | GEN               | No, due to the distance<br>from the Site.   |

The following entries from the EcoLog ERIS report were reviewed and summarized below:

• In addition to the above, The CA and ECA database identified three records for the Phase One study area. These records were for municipal and private sewage works;

• The TSSA Historic Incidents database and Pipeline Incidents database identified four records in the study area. All of the records were for natural gas pipeline strikes. As natural gas dissipates rapidly, the pipeline strike is unlikely to pose an environmental concern to the Phase One property;



- The Ontario Spills database also identified four records for natural gas leaks. As natural gas dissipates rapidly, the pipeline strike is unlikely to pose an environmental concern to the Phase One property;
- In addition to the above, the Environmental Activity and Sector Registry identified one record for the Phase One study area. The record was for construction dewatering; and,
- There were 33 records found in the Water Well Information System (WWIS) database for the Phase One study area. Three of the records were for monitoring wells, three records were for abandoned wells and the remainder were for potable wells.

Based on the review of the ERIS report one additional PCA was identified at 3060 Navan Road. A private fuel outlet was present on the property (**PCA #28** – Gasoline and Associated Products Storage in Fixed Tanks). Based on the intervening distance, cross-gradient location from the Phase One property, and the low hydraulic conductivity of the native silty clay, this is not an environmental concern to the Phase One property.

## 3.8 Physical Setting Sources

## 3.8.1 Aerial Photographs

Aerial photographs dated 1965, 1976, 1991, 1999, 2008, 2011, and 2019 were available for review on the City of Ottawa website. Aerial photographs dated prior to 1965 were not available for review. The following table summarizes the development and land use history of the Phase One property and adjacent properties as depicted on the reviewed aerial photographs. Copies of the aerial photographs are provided in Appendix F.

| Year | Details  |
|------|--|
| 1965 | The Phase One property is undeveloped. The groundcover on the north part of the Phase One property appears to have been cleared. The south part of the Phase One property appears to have been formerly used for agricultural purposes. Navan Road and Pagé Road are present to the west and east of the Phase One property. Single family residences are present bordering the west side of the Phase One property fronting Navan Road. |
| 1976 | The Phase One property appears to be similarly developed to the 1965 aerial photograph. Single family residences have been constructed east of the Site, fronting Paige Road. A hydro corridor has been developed north of the Site.   |
| 1991 | The Phase One property appears to be completely tree covered. The study area appears to be similarly developed to the 1976 aerial photograph. Residential development is underway on the north side of the hydro corridor.   |
| 1999 | The Phase One property and study area appear to be similarly developed to the 1991 aerial photograph.  |
| 2002 | The Phase One property and study area appear to be similarly developed to the 1999 aerial photograph. Three ASTs are present at 3000 Navan Road. Three ASTs are also present at 3060 Navan Road. Both the property at 3000 Navan Road and 3060 Navan Road are yards for construction and haulage companies.  |
| 2008 | The Phase One property appears to be similarly developed to the 2002 aerial photograph. A residential subdivision is under construction on the west side of Navan Road.  |
| 2011 | The Phase One property and study area appear to be similarly developed to the 2008 aerial photograph. Stormwater management ponds have been constructed north of the Site. The fuel tanks at 3060 Navan Road appear to have been removed.  |
| 2019 | The Phase One property appears to be similarly developed to the 2011 aerial photograph. Brian Coburn Boulevard and the Chapel Hill Park and Ride have been constructed north of the Site.  |

Based on the review of the aerial photographs, three PCAs were identified at 3000 Navan Road and 3060 Navan Road. A private fuel outlet was present at 3060 Navan Road (**PCA #28** – Gasoline and Associated Products Storage in Fixed Tanks). Both 3000 Navan Road and 3060 Navan Road are yards for construction and haulage companies (**PCA #11** – Commercial



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Trucking and Container Terminals). Based on the intervening distance, cross-gradient location from the Phase One property, and the low hydraulic conductivity of the native silty clay, this is not an environmental concern to the Phase One property. No other PCAs were identified in the aerial photographs that were not previously addressed.

### 3.8.2 Topography, Hydrology, Geology

Bedrock and surficial geology were reviewed via the Google Earth applications published by the Ontario Ministry of Energy, Northern Development and Mines. The bedrock geology application is available via www.mndm.gov.on.ca/en/mines-andminerals/applications/ogsearth/bedrock-geology and was last modified on March 19, 2018. The surficial geology application is available via www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/surficial-geology and was last modified on May 23, 2017.

Based on these applications, bedrock in the general area of the Phase One property consists of dolostone and limestone of the Ottawa Formation. Beneath any fill, the site is underlain is clay and silt over erosional terraces. Ground surface is approximately 89 metres above sea level (masl). Based on the site visit, the local topography slopes downwards to the southwest.

#### 3.8.3 Fill Materials

There was no evidence of any imported fill present on the Site.

#### 3.8.4 Water Bodies and Areas of Natural Significance

The nearest surface water body to the Phase One property is Mud Creek located approximately 70 m north of the Site. The inferred groundwater flow direction is north towards the creek.

There are no Area of Natural Significance (ANSI) within the Phase One study area, according to the Ministry of Natural Resources and Forestry Natural Heritage website (www.gisapplication.lrc.gov.on.ca/mamnh/Index.html).

#### 3.8.5 Well Records

The Ontario well records website (www.ontario.ca/environment-and-energy/map-well-records water wells) was accessed. There were 31 well records within the Phase One study area, 30 of which are for potable wells. None of the records are for the Site. Surrounding properties that have been recently developed are serviced by municipal water. Private wells may still be in use in some of the older residences in the Phase One study area.

It is acknowledged that the number of wells within the Phase One study area identified by EXP when searching the database doesn't match exactly the number of wells documented in the ERIS report. The discrepancy may be related to actual date of search or centroid of area searched and does not affect the conclusions presented in this report.

There are no oil, gas, or salt wells within the Phase One study area, according to the Oil, Gas & Salt Resources Library (maps.ogsrlibrary.com/wells/).

#### 3.9 Site Operating Records

No site operating records were available for review.



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## 4.0 Interviews

The purpose of interviews is to obtain information to assist in identifying areas of potential environmental concern and identify details of potentially contaminating activities or potential contaminant pathways, in, on or below the Phase One property.

As the Phase One property was vacant, there was no person available during the ESA who was knowledgeable about the history of the subject site. The owner of the property could not be contacted.



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## 5.0 Site Reconnaissance

#### 5.1 General Requirements

On March 16, 2021, Ms. Leah Wells, of EXP conducted the Phase One property visit. The site visit was conducted in accordance with EXP's internal health and safety protocols and with the Ministry of Labour health and safety regulations. The purpose of the site visit was to assess the current conditions of the Phase One property.

The general environmental management and housekeeping practices at the Phase One property were reviewed as part of this assessment insofar as they could impact the environmental condition of the property; however, a detailed review of regulatory compliance issues was beyond the scope of EXP's investigation.

Observations of the subject property and surrounding properties were made. The site reconnaissance began at approximately 1:00 p.m. and lasted approximately ½ hour. The weather was approximately 3 °C and sunny. Adjacent properties were observed from within the grounds of the Phase One property, as well as publicly accessible areas. Photographs documenting the site visit are included in Appendix G.

#### 5.2 Specific Observations at the Phase One Property

The ground cover at the Phase One property consists primarily of trees.

#### 5.2.1 Buildings and Structures

There are no buildings or structures present on the Phase One property.

#### 5.2.2 Site Utilities and Services

The Phase One property is not currently serviced. However, surrounding properties are fully serviced by water, sewer, electricity, natural gas, and telecommunications.

#### 5.3 Storage Tanks

### 5.3.1 Underground Storage Tanks

No UST were observed on the Phase One property and there was no evidence of historical UST.

#### 5.3.2 Above Ground Storage Tanks

No AST were observed on the Phase One property and there was no evidence of historical AST.

#### 5.4 Chemical Storage Handling and Floor Condition

No chemicals are stored at the Phase One property.

#### 5.5 Areas of Stained Soil, Pavement or Stressed Vegetation

The property was snow covered at the time of the Site visit. Trees present on the property were dormant.



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### 5.6 Fill and Debris

No fill appears to be present on the Phase One property.

#### 5.7 Air Emissions

As the Phase One property was vacant, there was no evidence of air emissions.

#### 5.8 Odours

No strong odours were present during the site visit.

#### 5.9 Noise

No excessive noise was heard during the site visit.

#### 5.10 Other Observations

There were no pits and lagoons, no railways or spurs and no unidentified substances observed on the Phase One property.

Surrounding properties within the Phase One study area are used for commercial purpose to the north and west and mixed use residential and commercial to the east and south of the Phase One property.

#### 5.11 Special Attention Items, Hazardous Building Materials and Designated Substances

No buildings were present on the Phase One property. Therefore, there was no evidence of any special attention items, hazardous building materials or designated substances (asbestos, zone depleting substances, lead, mercury, polychlorinated biphenyls (PCB), urea formaldehyde foam insulation, mould, or other special attention substances).

#### 5.12 Abandoned and Existing Wells

There is no evidence that there are any water wells on the Phase One property.

#### 5.13 Roads, Parking Facilities and Right of Ways

Vehicular access to the Phase One property is from Navan Road.

#### 5.14 Adjacent and Surrounding Properties

A visual inspection of the adjacent properties and properties within 250 m of the Phase One property was conducted from publicly accessible areas to identify the occupants and document the uses and sources of potential environmental concerns that may impact the Phase One property. Refer to Figure 3 in Appendix C for the adjacent land uses.

The following land uses border the Phase One property:

- North: Brian Coburn Boulevard, followed by Chapel Hill South Park and Ride and a hydro corridor;
- West: Residential and commercial (Laurent Leblanc Ltd.);
- East: Residential; and
- South: Residential.



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### 5.15 Enhanced Investigation Property

Ontario Regulation 153/04 defines an enhanced investigation property as a "property that is used, or has ever been used, in whole or in part for an industrial use or any of the following commercial uses: a garage; a bulk liquid dispensing facility, including a gasoline outlet; or, for the operation of dry-cleaning equipment."

Therefore, in accordance with Regulation 153/04, the property is not considered to be an enhanced investigation property.

## 5.16 Summary and Written Description of Investigation

Based on the findings of this investigation, PCAs have been identified in the Phase One study area, however, all of the PCA are off-site and none of them pose an environmental concern to the Phase One property. Therefore, there were no APEC identified.



## 6.0 Review and Evaluation of Information

## 6.1 Current and Past Uses

Based on a review of historical aerial photographs, historical maps, fire insurance plans and other records, it appears that the Phase One property has always been vacant.

## 6.2 Potentially Contaminating Activity

Ontario Regulation (O. Reg.) 153/04 defines a Potential Contaminating Activity (PCA) as one of fifty-nine (59) industrial operations set out in Table 2 of Schedule D that occurs or has occurred in the Phase One study area. The following PCAs were identified in the Phase One study area:

- **PCA #11** Commercial Trucking and Container Terminals; 3000 Navan Road (located 80 m west of the Phase One property), on-site service garage for equipment maintenance and repair;
- **PCA #11** Commercial Trucking and Container Terminals; 3060 Navan Road (located 70 m southwest of the Phase One property), on-site service garage for equipment maintenance and repair;
- PCA #28 Gasoline and Associated Products Storage in Fixed Tanks; 3000 Navan Road (located 80 m west of the Phase One property), three ASTs;
- PCA #28 Gasoline and Associated Products Storage in Fixed Tanks; 3060 Navan Road (located 70 m southwest of the Phase One property), three ASTs;
- PCA #58 Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners; 3000 Navan Road (located 80 m west of the Phase One property), ECA for waste management system;

## 6.3 Areas of Potential Environmental Concern

Ontario Regulation 153/04 defines an APEC as an area on a property where one or more contaminants are potentially present. Based on the intervening distance, cross-gradient location from the Phase One property, and the low hydraulic conductivity of the native silty clay, none of the PCAs identified in the Phase One study area are an environmental concern to the Phase One property. Therefore, no APECs were identified.

## 6.4 Phase One Conceptual Site Model

To develop a conceptual model for the Phase One property, the following physical characteristics and pathways were considered. A conceptual site model (CSM) showing the topography of the site, inferred groundwater flow, general site features, APEC, and PCA is shown in Figure 3.

## 6.4.1 Buildings and Structures

No buildings or structures are present on the Phase One property.

## 6.4.2 Water Bodies and Groundwater Flow Direction

The nearest surface water body to the Phase One property is Mud Creek located approximately 70 m north of the Site. The inferred groundwater flow direction is north towards the creek.



#### 6.4.3 Areas of Natural Significance

There are no ANSI within the Phase One study area.

#### 6.4.4 Water Wells

There were 31 well records within the Phase One study area, 30 of which are for potable wells. None of the records are for the Site. Surrounding properties that have been recently developed are serviced by municipal water. Private wells may still be in use in some of the older residences in the Phase One study area.

### 6.4.5 Potentially Contaminating Activity

The following off-site PCA were identified:

- PCA #11 Commercial Trucking and Container Terminals
- PCA #28 Gasoline and Associated Products Storage in Fixed Tanks
- PCA #58 Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners

No on-Site PCA were identified.

#### 6.4.6 Areas of Potential Environmental Concern

No APEC were identified on the Phase One property. Based on the intervening distance, cross-gradient location from the Phase One property, and the low hydraulic conductivity of the native silty clay, none of the PCAs identified in the Phase One study area are an environmental concern to the Phase One property.

## 6.4.7 Underground Utilities

The Phase One property is not currently serviced. However, surrounding properties are fully serviced by water, sewer, electricity, natural gas, and telecommunications.

## 6.4.8 Subsurface Stratigraphy

Bedrock in the general area of the Phase One property consists of dolostone and limestone of the Ottawa Formation. Beneath any fill, the site is underlain is clay and silt. Ground surface is approximately 89 metres above sea level (masl). Based on the site visit, the local topography slopes downwards to the southwest.

#### 6.4.9 Uncertainty Analysis

The CSM is a simplification of reality, which aims to provide a description and assessment of any areas where potentially contaminating activity that occurred within the Phase One study area may have adversely affected the Phase One property. All information collected during this investigation, including records, interviews, and site reconnaissance, has contributed to the formulation of the CSM.

Information was assessed for consistency, however EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or of any of the statements made by others. All reasonable inquiries to obtain accessible information were made, as required by Schedule D, Table 1, Mandatory Requirements for Phase One Environmental Site Assessment Reports. The CSM reflects our best interpretation of the information that was available during this investigation.



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## 7.0 Conclusions

The Qualified Person who oversaw this work, Patricia Stelmack, M.Sc., P.Eng., does not recommend that a Phase Two ESA be conducted since no APECs were identified on the Phase One property.

The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.



## 8.0 References

- City of Ottawa, GeoOttawa online mapping tool, (maps.ottawa.ca/geoottawa).
- Dubreuil, L. and C. Woods, *Catalogue of Canadian Fire Insurance Plans, 1875 1975, 2002.*
- Environment Canada, National Inventory of PCBs in Use and PCB Wastes in Storage in Canada, 2003 Annual Report, 2004.
- Golder Associates Ltd., Old Landfill Management Strategy, Phase 1, Identification of Sites, City of Ottawa, Ontario, October 2004.
- Intera Technologies Ltd., Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume II, April 1987.
- Natural Resources Canada, The Atlas of Canada Toporama website (atlas.gc.ca/toporama/en/)
- Oil, Gas & Salt Resources Library, website (maps.ogsrlibrary.com/wells).
- Ontario Ministry of Energy, Northern Development and Mines, Bedrock Geology Application (<u>www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/bedrock-geology</u>), March 19, 2018.
- Ontario Ministry of Energy, Northern Development and Mines, Surficial Geology Application (www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/surficial-geology), May 23, 2017.
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- Ontario Ministry of the Environment, Conservation and Parks, *Environmental Registry website* (www.ebr.gov.on.ca/ERS-WEB-External).
- Ontario Ministry of the Environment, Conservation and Parks, *Guide for Completing Phase One Environmental Site Assessments under Ontario Regulation 153/04*, June 2011.
- Ontario Ministry of the Environment, Conservation and Parks *Hazardous Waste Information Network website* (www.hwin.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*, November 1988.
- Ontario Ministry of the Environment, Conservation and Parks, *Ontario Inventory of PCB Storage Sites*, October 1995.
- Ontario Ministry of the Environment, Conservation and Parks, Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, July 1, 2011.
- Ontario Ministry of the Environment, Conservation and Parks, Records of Site Condition website (www.lrcsde.lrc.gov.on.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Waste Disposal Site Inventory*, June 1991.
- Ontario Ministry of the Environment, Conservation and Parks, Water Wells website (www.ontario.ca/environmentand-energy/map-well-records water wells).
- Ontario Ministry of Labour, Occupational Health and Safety Act, R.S.O. 1990.
- Ontario Ministry of Natural Resources and Forestry, Natural Heritage website (www.gisapplication.lrc.gov.on.ca/mamnh/Index.html).
- Paterson Group, *Phase I Environmental Site Assessment, Vacant Land, 2983 and 3053 Navan Road*, Ottawa, Ontario, February 2018.



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• Paterson Group, *Geotechnical Investigation, Brian Coburn Boulevard at Navan Road, Ottawa, Ontario*, November 2018.

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## 9.0 Limitation of Liability, Scope of Report, and Third Party Reliance

#### **Basis of Report**

This report ("Report") is based on site conditions known or inferred by the investigation undertaken as of the date of the Report. Should changes occur which potentially impact the condition of the site the recommendations of EXP may require reevaluation. Where special concerns exist, or 12714001 Canada Inc. ("the Client") has special considerations or requirements, these should be disclosed to EXP to allow for additional or special investigations to be undertaken not otherwise within the scope of investigation conducted for the purpose of the Report.

#### **Reliance on Information Provided**

The evaluation and conclusions contained in the Report are based on conditions in evidence at the time of site inspections and information provided to EXP by the Client and others. The Report has been prepared for the specific site, development, building, design or building assessment objectives and purpose as communicated by the Client. EXP has relied in good faith upon such representations, information and instructions and accepts no responsibility for any deficiency, misstatement or inaccuracy contained in the Report as a result of any misstatements, omissions, misrepresentation or fraudulent acts of persons providing information. Unless specifically stated otherwise, the applicability and reliability of the findings, recommendations, suggestions or opinions expressed in the Report are only valid to the extent that there has been no material alteration to or variation from any of the information provided to EXP so that it can be reviewed and revisions to the conclusions and/or recommendations can be made, if warranted.

#### **Standard of Care**

The Report has been prepared in a manner consistent with the degree of care and skill exercised by engineering consultants currently practicing under similar circumstances and locale. No other warranty, expressed or implied, is made. Unless specifically stated otherwise, the Report does not contain environmental consulting advice.

#### **Complete Report**

All documents, records, data and files, whether electronic or otherwise, generated as part of this assignment form part of the Report. This material includes, but is not limited to, the terms of reference given to EXP by the Client, communications between EXP and the Client, other reports, proposals or documents prepared by EXP for the Client in connection with the site described in the Report. In order to properly understand the suggestions, recommendations and opinions expressed in the Report, reference must be made to the Report in its entirety. EXP is not responsible for use by any party of portions of the Report.

#### **Use of Report**

The information and opinions expressed in the Report, or any document forming part of the Report, are for the sole benefit of the Client. No other party may use or rely upon the Report in whole or in part without the written consent of EXP. Any use of the Report, or any portion of the Report, by a third party are the sole responsibility of such third party. EXP is not responsible for damages suffered by any third party resulting from unauthorised use of the Report.

#### **Report Format**

Where EXP has submitted both electronic file and a hard copy of the Report, or any document forming part of the Report, only the signed and sealed hard copy shall be the original documents for record and working purposes. In the event of a dispute or discrepancy, the hard copy shall govern. Electronic files transmitted by EXP utilize specific software and hardware systems. EXP makes no representation about the compatibility of these files with the Client's current or future software and hardware systems. Regardless of format, the documents described herein are EXP's instruments of professional service and shall not be altered without the written consent of EXP.



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## **10.0 Signatures**

We trust this report meets your current needs. If you have any questions pertaining to the investigation undertaken by EXP, please do not hesitate to contact the undersigned. The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.

Leah Wells, P.Eng. Environmental Engineer Earth and Environment



Patricia Stelmack, M.Sc., P.Eng. Team Lead/Senior Project Manager Earth and Environment

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**Appendix A: Qualifications of Assessors** 



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# **Qualifications of Assessors**

EXP provides a full range of environmental services through a full-time Environmental Services Group. EXP's Earth and Environment Group has developed a strong working relationship with clients in both the private and public sectors and has developed a positive relationship with Ontario Ministry of the Environment, Conservation and Parks. Personnel in the numerous branch offices form part of a large network of full-time dedicated environmental professionals in the EXP organization.

**Patricia Stelmack**, M.Sc., P.Eng., is a Senior Chemical Engineer/Senior Project Manager who has been working in the environmental field as a consultant and in industry since 1997. Since joining EXP (formerly Barenco Inc.) in 2000, Ms. Stelmack has conducted and managed over 1,000 environmental assessment and remediation projects. Ms. Stelmack earned her B.Sc. in biochemistry and B.A.Sc. in chemical engineering at the University of Ottawa and earned her M.Sc. in chemical and materials engineering at the University of Alberta. She is licensed as a professional engineer in Ontario, Manitoba, and Saskatchewan and is a Qualified Person, as defined in Ontario Regulation 153/04.

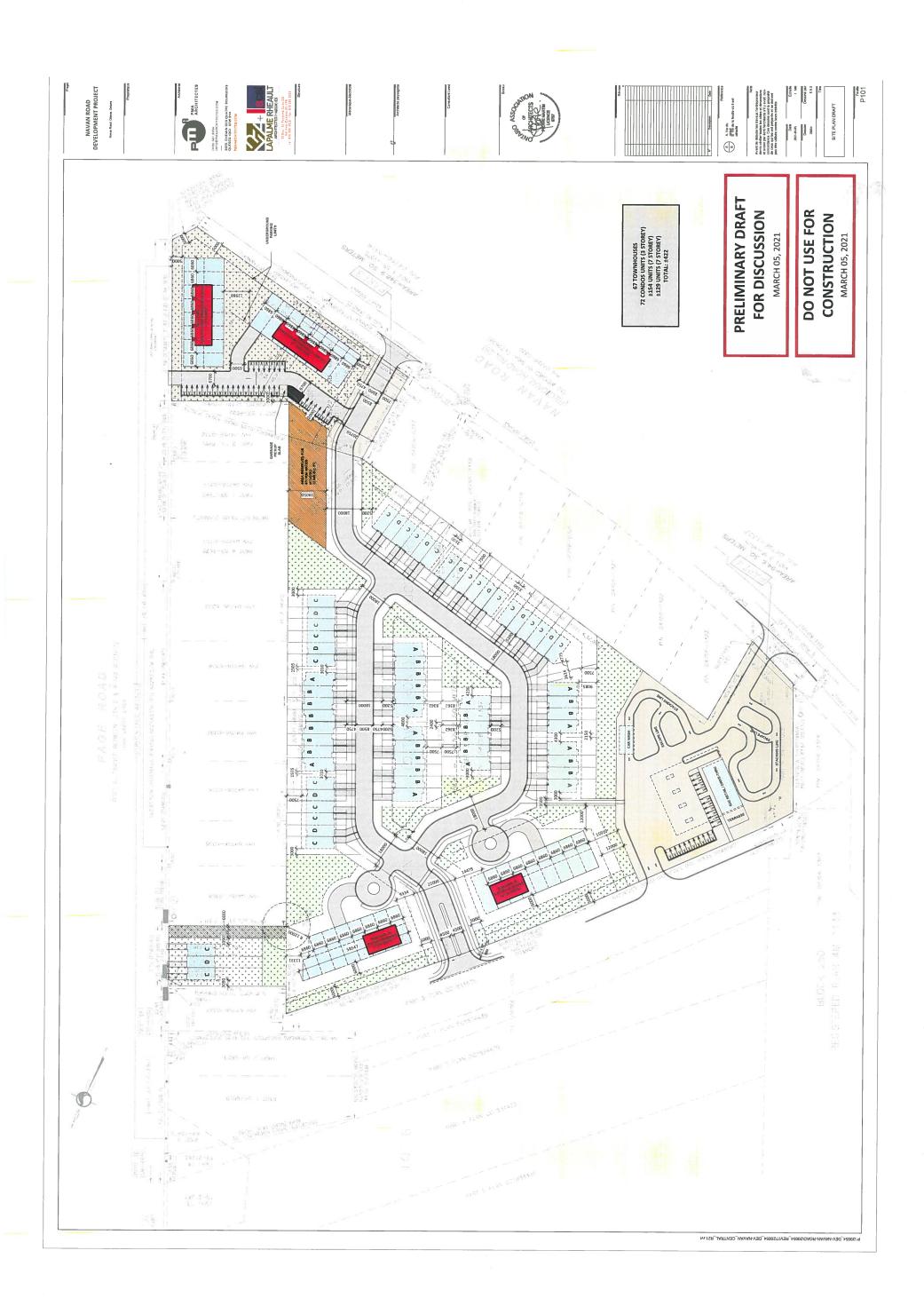
**Leah Wells**, B.A.Sc., P.Eng. has four years of experience in the environmental consulting field. She has worked on numerous Phase I Environmental Site Assessments (ESA); Phase II ESAs, completing soil and groundwater sampling, soil vapour sampling, assisting in report preparation and data entry and analysis. She is licensed as a professional engineer in Ontario.



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**Appendix B: Survey Plan** 

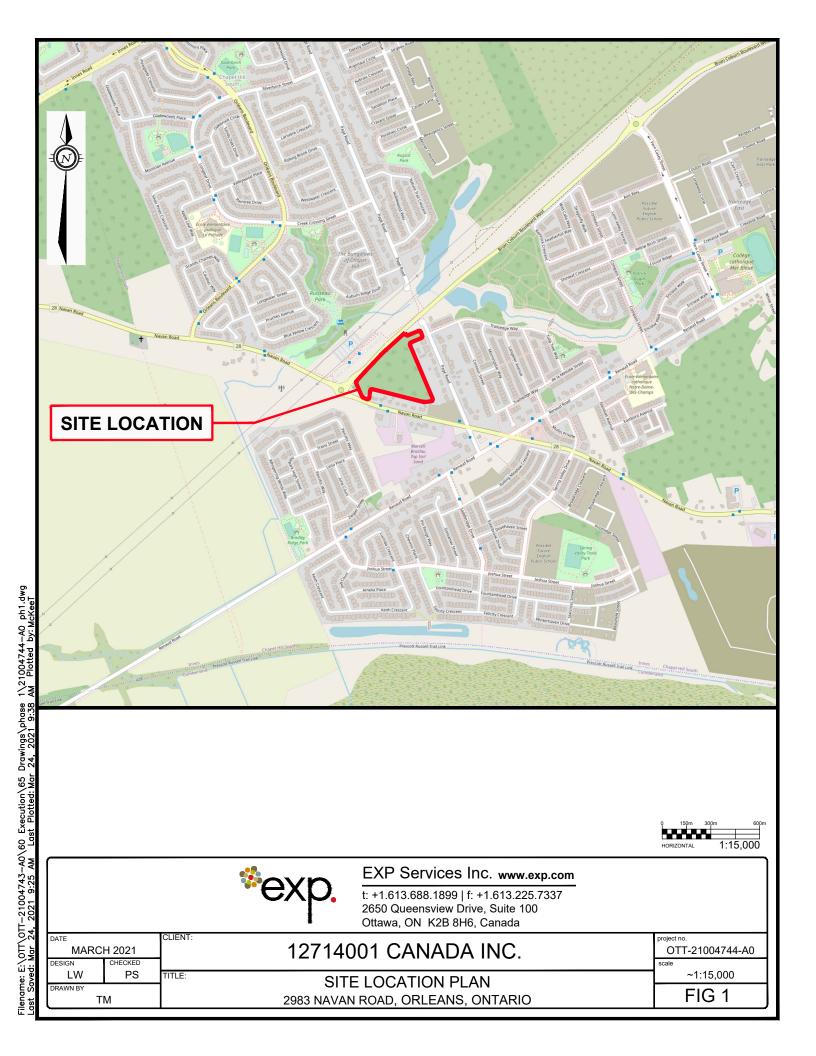




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**Appendix C: Figures** 







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**EXP** Services Inc.

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Appendix D: Fire Insurance Plans, Title Search, Municipal Records & Provincial Records





## **READ Abstracts Limited**

331 Cooper Street, Suite 300, Ottawa, Ontario K2P 0A4 Email: search@readsearch.com Tel.: 613-236-0664 Fax: 613-236-3677

## ENVIRONMENTAL SEARCH

EXP Services Attn: Kathy

BRIEF DESCRIPTION OF LAND:

2983 Navan Road, Ottawa Part of Lot 6, Concession 3 OF Gloucester.

PIN: 04756-1337

LAST REGISTERED OWNER: 12714001 Canada Inc.

CHAIN OF TITLE:

Deed RO28453 registered Jul 17, 1868 From Robert Grant to James Daily

Deed GL2886 registered Feb 19, 1876 (dated Jun 25, 1875) From James Daily to Eliza Grant

Deed GL2884 registered Feb 19, 1876 From Eliza Grant to David Miller

Deed GL6943 registered Feb 3, 1885 From David Miller to Louis Perrault Jr.

Deed GL19778 registered Nov 2, 1907 From Louis Perrault Jr. to Robert Perrault

Will GR5405 registered May 3, 1929 From Robert Perrault to Elizabeth Perrault

Deed GL41071 registered Mar 29, 1945 From Elizabeth Perrault to William J. Perrault and Louis J. Perrault

Deed GL48749 registered Jun 23, 1951

From Louis Perrault and William J. Perrault to William J. Perrault

Deed GL48749 registered Jun 23, 1951 From William J. Perrault to Louis Perrault

Deed N375241 registered Feb 5, 1987 From estate of Isabella Perrault and estate of William J. Perrault to Robert, Francis, and Daniel Perrault

Deed N398322 registered Jul 15, 1987 From Robert, Francis, and Daniel Perrault to Annette Perrault

Deed N419325 registered Dec 14, 1987 From estate of Louis Perrault to Annette Perrault

Correcting Deed N423419 registered Jan 12, 1988 From estate of Louis Perrault to Annette Perrault

Deed N729510 registered Oct 11, 1995 From estate of Annette Perrault to Robert Perrault, Francois Perrault, Louise Cracknell, Andree McNeely, Francine Perrault-Leblanc

Deed OC2343172 registered May 4, 2021 From Robert Perrault, Francois Perrault, Louise Cracknell, Andree McNeely, Francine Perrault-Leblanc to 12714001 Canada Inc.



File Number: D06-03-21-0067

July 14, 2021

Kathy Radisch EXP Services Inc. 100-2650 Queensview Drive Ottawa, ON K2B 8H6

Sent via email [kathy.radisch@exp.com]

Dear Ms. Radisch,

## Re: Information Request 2983 Navan Road, 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:

- Disposals and Environmental Remediation Unit: The City's Environmental Remediation Unit has environmental records on file pertaining to the subject property noted above either directly on or adjacent to the subject property. To submit requests for information under the Municipal Freedom of Information and Protection of Privacy Act, please visit <u>https://ottawa.ca/en/city-hall/accountabilityand-transparency/accountability-framework/freedom-information-and-protectionprivacy/access-information
  </u>
- Solid Waste Services: The subject property is within 2 kilometers of the WSI Landfill located at 3354 Navan Road.

### **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.

### Additional information may be obtained by contacting:

### **Ontario's Environmental Registry**

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

## The Ontario Land Registry Office

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

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

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

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

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

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

Sincerely,

Jeffrey fren

Jeffrey Ren

Per:

Michael Boughton, MCIP, RPP Senior Planner Development Review East Planning Services Planning, Infrastructure and Economic Development Department

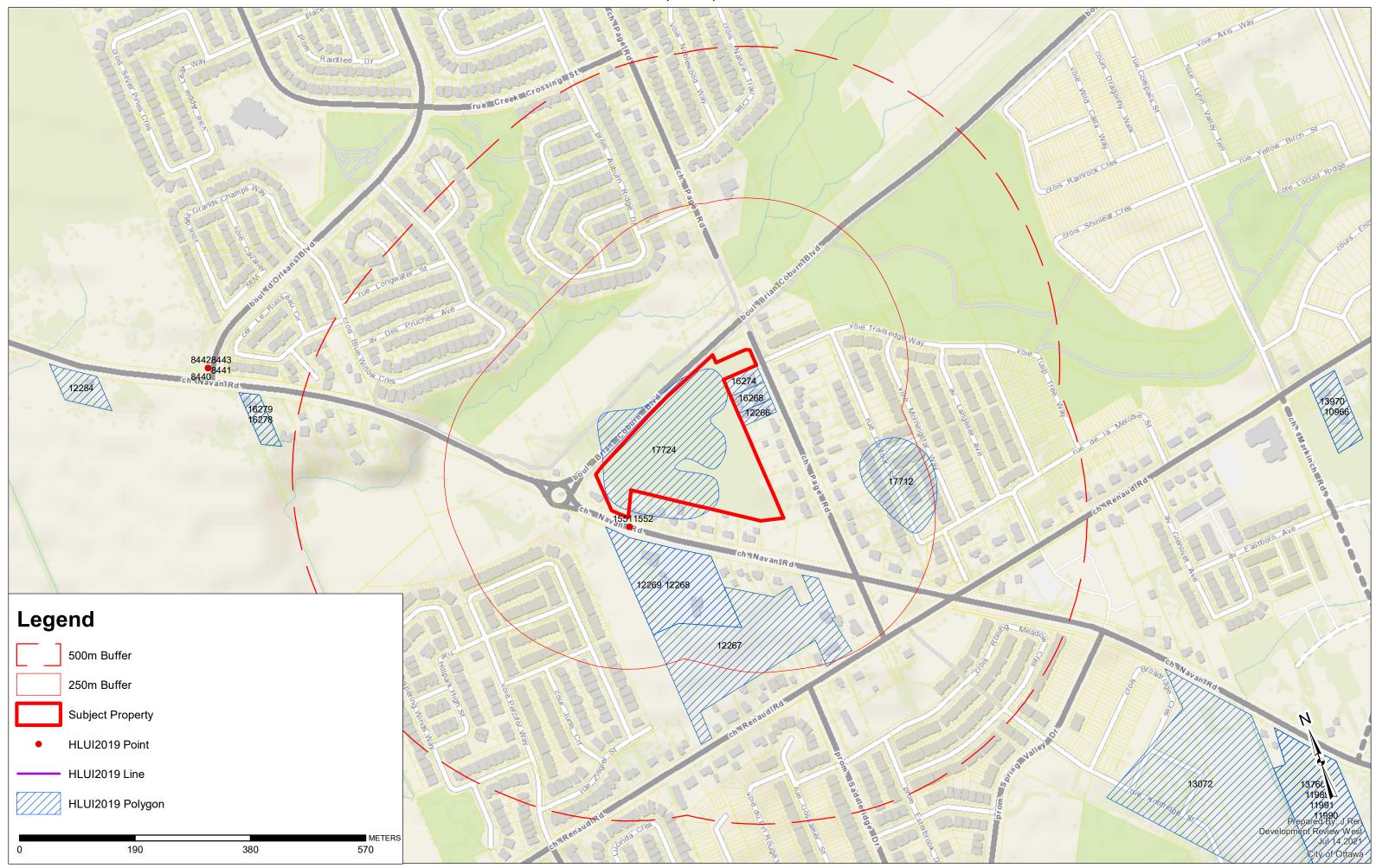
MB / JR

Enclosures: (2)

- 1. HLUI Map
- 2. HLUI Summary Report

cc: File no. D06-03-21-0067

# HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



| OBJECTID | ACTIVITY_NAME                          | FACILITY_TYPE  | SOURCE_UPDATE_SORTED          | YEAR      | YEAR_1      | ST_NUM | ST_NAME | ST_SU<br>FFIX | PIN2017  |
|----------|--|--|-------------------------------|-----------|-------------|--------|---------|---------------|----------|
| 12266    | <b>RICK MENARD HEATING &amp; COOLI</b> | Plumbing, Heating and Air Conditioning, Mechanical Wor | 2001-ES; 2005-SelectPhone     | 2005      | c. 2001; c. | 2722   | PAGE    | RD            | 47560306 |
| 12267    | MARCEL BRAZEAU LIMITED                 | Truck Transport Industries                             | 1994-PID; 2000-PID            | 1994-2000 | c. 1994; c. | 3060   | NAVAN   | RD            | 47570025 |
| 12268    | STREETPRINT                            | Industrial Construction (Other Than Buildings)         | 2005-SelectPhone              | 2005      | c. 2005     | 3000   | NAVAN   | RD            | 47570033 |
| 12269    | LAURENT LEBLANC LIMITED                | Truck Transport Industries                             | 1967-1972-M; 2003-PID; 2016-P | 1967-2017 | c. 1979; c. | 3000   | NAVAN   | RD            | 47570033 |
| 16268    | T & M ELECTRICAL LIMITED               | Mechanical Specialty Work                              | 2001-ES                       | 2001      | c. 2001     | 2714   | PAGE    | RD            | 47560305 |
| 16274    | CELTEC CONSTRUCTION                    | Residential Building and Development                   | 2005-SelectPhone              | 2005      | c. 2005     | 2704   | PAGE    | RD            | 47560304 |
| 17712    | UNNAMED SAND & GRAVEL PIT              | Sand & Gravel Pit                                      | 1963-Topo-31G05h              | 1963      |             |        | NAVAN   | RD            |          |
| 17724    | UNNAMED SAND & GRAVEL PIT              | Sand & Gravel Pit                                      | 1971-Topo-31G05h              | 1971      |             |        | NAVAN   | RD            |          |

#### HLUI SUMMARY REPORT POINT FEATURES

| OBJECTID | ACTIVITY_NAME      | FACILITY_TYPE           | TANK_LOCATIO<br>N | TANK_CONT<br>ENT | TANK_SIZE | TANK_TYPE | TANK_STAT<br>US | SOURCE | INSTALLED_S<br>T_NUM |       | INSTALLE<br>D_ST_ABR |             | MTM_Y       | TANK_MATE<br>RIAL | TANK_ID | DATE_INS<br>TALLED |
|----------|--------------------|-------------------------|-------------------|------------------|-----------|-----------|-----------------|--------|----------------------|-------|----------------------|-------------|-------------|-------------------|---------|--------------------|
| 1551     | MARCEL BRAZEAU TOP | Gasoline Station - Self | AST               | gasoline         | 9280      | Licensed  | Active          | TSSA   | 3060                 | NAVAN | RD                   | 381284.8111 | 5032852.541 | Steel             | ST8663  | 2001               |
| 1552     | MARCEL BRAZEAU TOP | Gasoline Station - Self | AST               | gasoline         | 1345      | Licensed  | Active          | TSSA   | 3060                 | NAVAN | RD                   | 381284.8111 | 5032852.541 | Steel             | ST8664  | 2001               |



March 22, 2021

VIA FACSIMILE: 416-314-4285

FOI Manager Freedom of Information & Protection of Privacy Office Ministry of the Environment, Conservation and Parks 12th Floor, 40 St. Clair Avenue West Toronto, Ontario M4V 1M2

Re: OTT-21004744-A0 File Review Request 2983 Navan Road, Ottawa, Ontario

Dear Sir or Madam:

I am sending a Freedom of Information Request to you for 2983 Navan Road, Ottawa, Ontario. We are conducting an environmental site assessment and require any environmental concerns.

If possible, we would appreciate receiving the documentation by email (<u>kathy.radisch@exp.com</u>) and by mail. If you have any questions, or require any further information, please do not hesitate to contact the undersigned at 613-688-1891, ext. 3296.

Yours truly, **EXP Services Inc.** 

Kathy Radisch Administrative Assistant Earth & Environment

Enclosures: FOI Form Credit Card Payment Form



Ministry of the Environment and Climate Change Operations Division

## Confirmation of Registration

Registration Number: R-004-5110517687 Version Number: 001 Date Registration Filed: Jul 04, 2018 19:43:03 PM

Dear Sir/Madam,

2561678 ONTARIO INC.

17113 MCLEAN Road PO BOX 135 MOOSE CREEK ON K0C 1W0

You have registered, in accordance with Section 20.21(1)(a) of the *Environmental Protection Act*, the use, operation, establishment, alteration, engagement or extension or replacement of a waste management system serving the Province of Ontario. The Waste Management System storage yard related to this registration is located at:

3000 NAVAN Road ORLEANS ON K1C 7G4

Please note that the Waste Management System is subject to the applicable provisions of O.Reg 245/11 and O. Reg. 351/12.

The activity related information provided during the registration process is included as part of the confirmation of registration as schedule 'A'.

Dated on Jul 04, 2018

#### Director

Environmental Approvals Access and Service Integration Branch Ministry of the Environment and Climate Change 135 St. Clair Avenue West, 1st Floor Toronto ON M4V 1P5

Any questions related to this registration and the Environmental Activity and the Sector Registry should be directed to:

Ministry of the Environment and Climate Change Customer Service Representative Environmental Approvals Access and Service Integration Branch Phone:(416) 314-8001 Toll free: 1-800-461-6290

## Schedule 'A'

| Part 3 . Activity Information   |                |               |
|---|----------------|---------------|
| 3.1 This form is to be used to register the use, operation, establishment, alteration, enlargement or extension of a waste management system that is a waste transportation system. Please confirm that you will be engaging in one or more of these activities.  | Ves Yes        | No            |
| 3.2 For the waste management system that is the subject of this registration, please confirm that ALL of the  | following stat | ements apply: |
| (a) The waste management system involves only the collection, handling, transportation and transfer of waste by waste transportation vehicle (truck).   | Ves Yes        | No            |
| (b) The waste transportation system does not include any on-truck processing of waste.  | V Yes          | No            |
| 3.3 Does the waste management system involve the management of any of the following waste types (as th meaning of Regulation 347 of the Environmental Protection Act, or in the case of biomedical waste or treate Ministry of the Environment.s Guideline C-4: The Management of Biomedical Waste in Ontario)? |                |               |
| (a) Hazardous waste*  | Yes            | No No         |
| (b) Liquid industrial waste   | Yes            | No            |
| (c) Biomedical waste or treated biomedical waste  | Yes            | No            |
| (d) Asbestos waste  | Yes            | <b>√</b> No   |

\* Please note that hazardous waste should also be interpreted to include waste that was characteristic waste but that has been treated so that it is no longer characteristic waste, if the waste may not be disposed of by land disposal under subsection 79 (1) of Regulation 347 of the Revised Regulations of Ontario, 1990 made under the Act.

3.4 Please select in the table below all of the categories of waste that will be transported by the system. Note that the responses given in question 3.3 should be true for any of the waste categories selected.

| (a) Blue Box Materials                                |              |
|---|--------------|
| (b) Domestic Sources                                  |              |
| (c) Dewatered Catch Basin Clean-Out Material          |              |
| (d) Waste from Food Processing/Preparation Operations |              |
| (e) Leaf/Yard Waste                                   | $\checkmark$ |
| (f) Tires   |              |
| (g) Commercial Waste                                  |              |
| (h) Wood Waste  |              |
| (i) Waste Wash Water                                  |              |
| (j) Non-hazardous Solid Industrial Waste              | $\checkmark$ |
| (k) Contaminated Soil                                 | $\checkmark$ |
| (I) Processed Organics                                |              |
| (m) Hauled Sewage                                     |              |
| (n) Non-hazardous Spill Cleanup Material              | $\checkmark$ |
|   |              |

| (o) | Describe a | any other | waste types | managed by | the system, if | applicable: |
|-----|------------|-----------|-------------|------------|----------------|-------------|
|     |            |           |             |            |                |             |

| 3.5 Will waste be stored at any truck storage yard or other location as part of the operation of the waste management system?                 | Yes        | No        |
|---|------------|-----------|
| 3.6 (a) How many waste transportation vehicles (trucks) are included in the waste management system?  | 1          |           |
| (b) Does the waste management system involve transportation of waste into or out of the Province of Ontario?                                  | Yes        | No        |
| (c) Please indicate the jurisdictions from which the waste transportation vehicle(s) normally enter/exit Ontario Please check all that apply: |            |           |
| Quebec  | Enter from | m Exit to |
| Manitoba  | Enter fro  | m Exit to |
| New York  | Enter fro  | m Exit to |
| <br>Michigan  | Enter fro  | m Exit to |
| Minnesota   | Enter fro  | mExit to  |

(d) Please indicate all jurisdictions in which waste is transferred to a storage or disposal site outside of Ontario.

Please check all that apply:

| Alberta        | British Columbia      | Manitoba       | New Brunswick | Newfoundland  |
|----------------|-----------------------|----------------|---------------|---------------|
| Nova Scotia    | Northwest Territories | Nunavut        | PEI           | Quebec        |
| Saskatchewan   | Yukon                 | Alaska         | 🗌 Alabama     | Arkansas      |
| Arizona        | California            | Colorado       | Connecticut   | Delaware      |
| Florida        | Georgia               | 🗌 Iowa         | 🗌 Idaho       | Illinois      |
| 🗌 Indiana      | Kansas                | Kentucky       | Louisiana     | Massachusetts |
| Maryland       | Maine                 | Michigan       | Minnesota     | Missouri      |
| Mississippi    | Montana               | North Carolina | North Dakota  | Nebraska      |
| Nevada         | New Hampshire         | New Jersey     | New Mexico    | New York      |
| Ohio           | Oklahoma              | Oregon         | Pennsylvania  | Rhode Island  |
| South Carolina | South Dakota          | Tennessee      | Texas         | Utah          |
| Virginia       | Vermont               | Washington     | Wisconsin     | West Virginia |
| Wyoming        | Hawaii                |                |               |               |

EXP Services Inc.

12714001 Canada Inc, Phase One Environmental Site Assessment 2983 Navan Road, Ottawa, Ontario OTT-21004744-A0 March 26, 2021 (revised July 16, 2021)

Appendix E: EcoLog ERIS Report





**Project Property:** 

**Project No:** 

Report Type: Order No: Requested by: Date Completed: Phase One ESA Navan Road Properties at Page & Brian Coburn Orléans ON K1C 7G4 OTT-21004743-A0 & OTT-21004744-A0, 100, Patricia S Quote - Custom-Build Your Own Report 21031000068 exp Services Inc. March 15, 2021

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## **Executive Summary**

#### Property Information:

**Project Property:** 

**Project No:** 

Phase One ESA Navan Road Properties at Page & Brian Coburn Orléans ON K1C 7G4

OTT-21004743-A0 & OTT-21004744-A0, 100, Patricia S

#### Order Information:

Order No: Date Requested: Requested by: Report Type: 21031000068 March 10, 2021 exp Services Inc. Quote - Custom-Build Your Own Report

#### Historical/Products:

**City Directory Search** 

CD - Subject Site plus 250m Radius

## Executive Summary: Report Summary

| Database | Name   | Searched | Project<br>Property | Boundary<br>to 0.25km | Total |
|----------|--|----------|---------------------|-----------------------|-------|
| AAGR     | Abandoned Aggregate Inventory  | Y        | 0                   | 0                     | 0     |
| AGR      | Aggregate Inventory  | Y        | 0                   | 0                     | 0     |
| AMIS     | Abandoned Mine Information System                                    | Y        | 0                   | 0                     | 0     |
| ANDR     | Anderson's Waste Disposal Sites                                      | Y        | 0                   | 0                     | 0     |
| AST      | Aboveground Storage Tanks  | Y        | 0                   | 0                     | 0     |
| AUWR     | Automobile Wrecking & Supplies                                       | Y        | 0                   | 0                     | 0     |
| BORE     | Borehole   | Y        | 0                   | 8                     | 8     |
| CA       | Certificates of Approval   | Y        | 0                   | 6                     | 6     |
| CDRY     | Dry Cleaning Facilities  | Y        | 0                   | 0                     | 0     |
| CFOT     | Commercial Fuel Oil Tanks  | Y        | 0                   | 0                     | 0     |
| CHEM     | Chemical Manufacturers and Distributors                              | Y        | 0                   | 0                     | 0     |
| СНМ      | Chemical Register  | Y        | 0                   | 0                     | 0     |
| CNG      | Compressed Natural Gas Stations                                      | Y        | 0                   | 0                     | 0     |
| COAL     | Inventory of Coal Gasification Plants and Coal Tar<br>Sites          | Y        | 0                   | 0                     | 0     |
| CONV     | Compliance and Convictions   | Y        | 0                   | 0                     | 0     |
| CPU      | Certificates of Property Use   | Y        | 0                   | 0                     | 0     |
| DRL      | Drill Hole Database  | Y        | 0                   | 0                     | 0     |
| DTNK     | Delisted Fuel Tanks  | Y        | 0                   | 0                     | 0     |
| EASR     | Environmental Activity and Sector Registry                           | Y        | 0                   | 2                     | 2     |
| EBR      | Environmental Registry   | Y        | 0                   | 0                     | 0     |
| ECA      | Environmental Compliance Approval                                    | Y        | 0                   | 6                     | 6     |
| EEM      | Environmental Effects Monitoring                                     | Y        | 0                   | 0                     | 0     |
| EHS      | ERIS Historical Searches   | Y        | 0                   | 16                    | 16    |
| EIIS     | Environmental Issues Inventory System                                | Y        | 0                   | 0                     | 0     |
| EMHE     | Emergency Management Historical Event                                | Y        | 0                   | 0                     | 0     |
| EPAR     | Environmental Penalty Annual Report                                  | Y        | 0                   | 0                     | 0     |
| EXP      | List of Expired Fuels Safety Facilities                              | Y        | 0                   | 0                     | 0     |
| FCON     | Federal Convictions  | Y        | 0                   | 0                     | 0     |
| FCS      | Contaminated Sites on Federal Land                                   | Y        | 0                   | 0                     | 0     |
| FOFT     | Fisheries & Oceans Fuel Tanks  | Y        | 0                   | 0                     | 0     |
| FRST     | Federal Identification Registry for Storage Tank<br>Systems (FIRSTS) | Ŷ        | 0                   | 0                     | 0     |
| FST      | Fuel Storage Tank  | Ŷ        | 0                   | 2                     | 2     |
| FSTH     | Fuel Storage Tank - Historic   | Ŷ        | 0                   | 2                     | 2     |
| GEN      | Ontario Regulation 347 Waste Generators Summary                      | Y        | 0                   | 25                    | 25    |
| GHG      | Greenhouse Gas Emissions from Large Facilities                       | Y        | 0                   | 0                     | 0     |
| HINC     | TSSA Historic Incidents  | Y        | 0                   | 3                     | 3     |

| Database | Name   | Searched | Project<br>Property | Boundary<br>to 0.25km | Total |
|----------|--|----------|---------------------|-----------------------|-------|
| IAFT     | Indian & Northern Affairs Fuel Tanks                             | Y        | 0                   | 0                     | 0     |
| INC      | Fuel Oil Spills and Leaks  | Y        | 0                   | 1                     | 1     |
| LIMO     | Landfill Inventory Management Ontario                            | Y        | 0                   | 0                     | 0     |
| MINE     | Canadian Mine Locations  | Y        | 0                   | 0                     | 0     |
| MNR      | Mineral Occurrences  | Y        | 0                   | 0                     | 0     |
| NATE     | National Analysis of Trends in Emergencies System                | Y        | 0                   | 0                     | 0     |
| NCPL     | (NATES)<br>Non-Compliance Reports                                | Y        | 0                   | 0                     | 0     |
| NDFT     | National Defense & Canadian Forces Fuel Tanks                    | Y        | 0                   | 0                     | 0     |
| NDSP     | National Defense & Canadian Forces Spills                        | Y        | 0                   | 0                     | 0     |
| NDWD     | National Defence & Canadian Forces Waste Disposal                | Y        | 0                   | 0                     | 0     |
| NEBI     | Sites<br>National Energy Board Pipeline Incidents                | Y        | 0                   | 0                     | 0     |
| NEBP     | National Energy Board Wells                                      | Ŷ        | 0                   | 0                     | 0     |
| NEES     | National Environmental Emergencies System (NEES)                 | Ŷ        | 0                   | 0                     | 0     |
| NPCB     | National PCB Inventory   | Ŷ        | 0                   | 0                     | 0     |
| NPRI     | National Pollutant Release Inventory                             | Y        | 0                   | 0                     | 0     |
| OGWE     | Oil and Gas Wells  | Y        | 0                   | 0                     | 0     |
| OOGW     | Ontario Oil and Gas Wells  | Y        | 0                   | 0                     | 0     |
| OPCB     | Inventory of PCB Storage Sites                                   | Y        | 0                   | 0                     | 0     |
| ORD      | Orders   | Y        | 0                   | 0                     | 0     |
| PAP      | Canadian Pulp and Paper  | Y        | 0                   | 0                     | 0     |
| PCFT     | Parks Canada Fuel Storage Tanks                                  | Y        | 0                   | 0                     | 0     |
| PES      | Pesticide Register   | Y        | 0                   | 0                     | 0     |
| PINC     | Pipeline Incidents   | Y        | 0                   | 4                     | 4     |
| PRT      | Private and Retail Fuel Storage Tanks                            | Y        | 0                   | 0                     | 0     |
| PTTW     | Permit to Take Water   | Y        | 0                   | 0                     | 0     |
| REC      | Ontario Regulation 347 Waste Receivers Summary                   | Y        | 0                   | 0                     | 0     |
| RSC      | Record of Site Condition   | Y        | 0                   | 0                     | 0     |
| RST      | Retail Fuel Storage Tanks  | Y        | 0                   | 0                     | 0     |
| SCT      | Scott's Manufacturing Directory                                  | Y        | 0                   | 2                     | 2     |
| SPL      | Ontario Spills   | Y        | 0                   | 6                     | 6     |
| SRDS     | Wastewater Discharger Registration Database                      | Y        | 0                   | 0                     | 0     |
| TANK     | Anderson's Storage Tanks   | Y        | 0                   | 0                     | 0     |
| TCFT     | Transport Canada Fuel Storage Tanks                              | Y        | 0                   | 0                     | 0     |
| VAR      | Variances for Abandonment of Underground Storage<br>Tanks        | Y        | 0                   | 0                     | 0     |
| WDS      | Waste Disposal Sites - MOE CA Inventory                          | Ŷ        | 0                   | 0                     | 0     |
| WDSH     | Waste Disposal Sites - MOE 1991 Historical Approval<br>Inventory | Y        | 0                   | 0                     | 0     |
| WWIS     | Water Well Information System                                    | Y        | 2                   | 31                    | 33    |
|          | -  | Total:   | 2                   | 114                   | 116   |

\_

## Executive Summary: Site Report Summary - Project Property

| Map<br>Key | DB   | Company/Site Name | Address           | Dir/Dist (m) | Elev diff<br>(m) | Page<br>Number |
|------------|------|-------------------|-------------------|--------------|------------------|----------------|
| <u>1</u>   | WWIS |                   | lot 6 con 3<br>ON | SE/0.0       | -1.00            | <u>33</u>      |
|            |      |                   | Well ID: 1501429  |              |                  |                |
| <u>2</u>   | WWIS |                   | lot 6 con 3<br>ON | SE/0.0       | -1.00            | <u>36</u>      |
|            |      |                   | W-11 ID: 1511000  |              |                  |                |

Well ID: 1511098

## Executive Summary: Site Report Summary - Surrounding Properties

| Map<br>Key | DB   | Company/Site Name | Address  | Dir/Dist (m) | Elev Diff<br>(m) | Page<br>Number |
|------------|------|-------------------|--|--------------|------------------|----------------|
| <u>3</u>   | WWIS |                   | lot 6 con 3<br>ON<br><i>Well ID:</i> 1510718   | ESE/1.1      | -0.20            | <u>38</u>      |
| <u>4</u>   | BORE |                   | ON   | ESE/1.2      | -0.20            | <u>42</u>      |
| <u>5</u>   | EHS  |                   | 2973 Navan Rd<br>Ottawa ON K1C7G4  | W/5.2        | -1.00            | <u>43</u>      |
| <u>6</u>   | WWIS |                   | 2968 NAVAW RD lot 6 con 3<br>GLOUCESTER ON<br><i>Well ID:</i> 7163106                              | WSW/11.8     | -1.00            | <u>43</u>      |
| <u>7</u>   | BORE |                   | ON   | WSW/26.7     | -1.00            | <u>49</u>      |
| <u>8</u>   | WWIS |                   | lot 6 con 3<br>ON<br><i>Well ID:</i> 1510906   | WSW/26.9     | -1.00            | <u>51</u>      |
| <u>9</u>   | SPL  | BUS               | NAVAN VILLAGE, NAVAN RD & PAGE<br>RD. MOTOR VEHICLE (OPERATING<br>FLUID)<br>CUMBERLAND TOWNSHIP ON | ESE/27.8     | -1.00            | <u>54</u>      |
| <u>10</u>  | wwis |                   | CHAPEL HILL BRIAN COBURN ROAD<br>BH17-02 lot 6 con 3<br>Ottawa ON<br><b>Well ID:</b> 7338724       | W/43.6       | -0.69            | <u>55</u>      |
| <u>11</u>  | BORE |                   | ON   | SE/44.4      | -1.00            | <u>56</u>      |
| <u>12</u>  | WWIS |                   | lot 6 con 3<br>ON<br><i>Well ID:</i> 1501453   | E/44.6       | 0.00             | <u>57</u>      |
| <u>13</u>  | WWIS |                   | lot 5 con 3<br>ON<br><i>Well ID:</i> 1511514   | E/47.4       | 0.00             | <u>60</u>      |

7

| Мар<br>Кеу | DB   | Company/Site Name | Address   | Dir/Dist (m) | Elev Diff<br>(m) | Page<br>Number |
|------------|------|-------------------|---|--------------|------------------|----------------|
| <u>14</u>  | WWIS |                   | lot 5 con 3<br>ON<br><i>Well ID:</i> 1510713                                | ESE/48.1     | 0.00             | <u>63</u>      |
| <u>15</u>  | WWIS |                   | lot 5 con 3<br>ON<br><i>Well ID:</i> 1511515                                | E/49.4       | 0.00             | <u>66</u>      |
| <u>16</u>  | BORE |                   | ON  | SSE/50.3     | -1.00            | <u>69</u>      |
| <u>17</u>  | WWIS |                   | lot 5 con 3<br>ON   | ESE/51.8     | -1.00            | <u>70</u>      |
| <u>18</u>  | WWIS |                   | <i>Well ID:</i> 1501415<br>lot 6 con 3<br>ON                                | NE/53.7      | 0.00             | <u>73</u>      |
| <u>19</u>  | EHS  |                   | <i>Well ID:</i> 1501455<br>2680 Page Road<br>Ottawa (Cumberland) ON K1W 1G1 | N/54.9       | -1.00            | <u>75</u>      |
| <u>20</u>  | EHS  |                   | Navan Road<br>Ottawa ON   | WNW/56.2     | -1.00            | <u>76</u>      |
| <u>21</u>  | WWIS |                   | ON  | W/57.8       | 0.03             | <u>76</u>      |
| <u>22</u>  | WWIS |                   | <i>Well ID:</i> 7292790<br>lot 5 con 3<br>ON                                | E/58.6       | 0.00             | <u>76</u>      |
| <u>23</u>  | BORE |                   | <i>Well ID:</i> 1510712   | E/58.8       | 0.00             | <u>80</u>      |
| <u>24</u>  | WWIS |                   | 2968 + 2973 NAVAN RD lot 6 con 3<br>NAVAN ON                                | WSW/60.2     | -1.00            | <u>81</u>      |
| <u>25</u>  | ECA  | City of Ottawa    | <i>Well ID:</i> 7279124<br>2955 Navan Rd<br>Ottawa ON K2G 6J8               | W/61.6       | -0.24            | <u>82</u>      |
| <u>26</u>  | EHS  |                   | 2955 Navan Rd<br>Ottawa ON K1C7G4   | W/61.6       | -0.24            | <u>83</u>      |

| Map<br>Key | DB   | Company/Site Name | Address   | Dir/Dist (m) |       | Page<br>Number |
|------------|------|-------------------|---|--------------|-------|----------------|
| <u>27</u>  | HINC |                   | 2777 PAGE ROAD<br>Orleans ON K1W 1G1                                | E/63.6       | 0.00  | <u>83</u>      |
| <u>28</u>  | EHS  |                   | 2968 Navan Rd<br>Ottawa ON K1C7G4                                   | WSW/63.9     | -1.00 | <u>83</u>      |
| <u>29</u>  | WWIS |                   | lot 6 con 3<br>ON<br><i>Well ID:</i> 1501531                        | SW/74.6      | -1.00 | <u>84</u>      |
| <u>30</u>  | WWIS |                   | lot 6 con 3<br>ON<br><i>Well ID:</i> 1510716                        | N/78.9       | -1.00 | <u>86</u>      |
| <u>31</u>  | BORE |                   | ON  | N/79.1       | -1.00 | <u>89</u>      |
| <u>32</u>  | WWIS |                   | lot 5 con 3<br>ON<br><i>Well ID:</i> 1501412                        | E/80.4       | 0.00  | <u>90</u>      |
| <u>33</u>  | EHS  |                   | 2679 Page Road<br>Orleans ON K1W 1G2                                | NNE/84.1     | -1.06 | <u>93</u>      |
| <u>34</u>  | WWIS |                   | lot 6 con 2<br>ON<br><i>Well ID:</i> 1511923                        | SW/84.2      | -1.00 | <u>93</u>      |
| <u>35</u>  | WWIS |                   | lot 5 con 3<br>ON<br><i>Well ID:</i> 1511711                        | ENE/89.4     | 0.00  | <u>96</u>      |
| <u>36</u>  | WWIS |                   | lot 5 con 3<br>ON<br><i>Well ID:</i> 1511692                        | NE/93.9      | 0.00  | <u>99</u>      |
| <u>37</u>  | WWIS |                   | lot 5 con 3<br>ON<br><i>Well ID:</i> 1501419                        | NE/94.0      | 0.00  | <u>102</u>     |
| <u>38</u>  | BORE |                   | ON  | NE/94.0      | 0.00  | <u>104</u>     |
| <u>39</u>  | WWIS |                   | 2723 PAGE ROAD lot 5 con 3<br>ORLEANS ON<br><i>Well ID:</i> 1536849 | ENE/94.5     | 0.00  | <u>106</u>     |
|            |      |                   |   |              |       |                |

| Map<br>Key | DB   | Company/Site Name          | Address                                      | Dir/Dist (m) | Elev Diff<br>(m) | Page<br>Number |
|------------|------|----------------------------|--|--------------|------------------|----------------|
| <u>40</u>  | WWIS |                            | lot 5 con 3<br>ON<br><i>Well ID:</i> 1501411 | NE/96.2      | 0.00             | <u>107</u>     |
| <u>41</u>  | BORE |                            | ON   | ESE/101.7    | 0.00             | <u>110</u>     |
| <u>42</u>  | EHS  |                            | 3097 and 3107 Navan Road<br>Ottawa ON K1W1E9 | ESE/103.3    | -0.32            | <u>111</u>     |
| <u>43</u>  | EHS  |                            | 2683 Page Rd<br>Ottawa ON K1W1G2             | NNE/105.9    | 0.00             | <u>111</u>     |
| <u>44</u>  | WWIS |                            | lot 6 con 3<br>ON<br><i>Well ID:</i> 1501427 | SE/108.9     | -1.00            | <u>112</u>     |
| <u>45</u>  | EHS  |                            | 3096 Navan Rd<br>Ottawa ON K1W1E9            | ESE/108.9    | -1.00            | <u>114</u>     |
| <u>46</u>  | WWIS |                            | lot 6 con 3<br>ON<br><i>Well ID:</i> 1510706 | SE/113.7     | -1.00            | <u>114</u>     |
| <u>47</u>  | EHS  |                            | Navan Rd<br>Ottawa ON                        | W/116.3      | -0.18            | <u>117</u>     |
| <u>48</u>  | GEN  | LAURENT LEBLANC LIMITED    | 3000 NAVAN ROAD<br>GLOUCESTER ON K1C 7G4     | SSW/120.0    | -1.00            | <u>117</u>     |
| <u>48</u>  | EHS  |                            | 3000 Navan Road<br>Ottawa ON K1C 7G4         | SSW/120.0    | -1.00            | <u>117</u>     |
| <u>48</u>  | GEN  | Laurent Leblanc Itd        | 3000 Navan road<br>Orlean ON K1C 7G4         | SSW/120.0    | -1.00            | <u>117</u>     |
| <u>48</u>  | CA   | Andre Leblanc Cartage Ltd. | 3000 Navan Road<br>Gloucester ON K1C 7G4     | SSW/120.0    | -1.00            | <u>118</u>     |
| <u>48</u>  | CA   | Andre Joseph Jean Leblanc  | 3000 Navan Road<br>Gloucester ON K1C 7G4     | SSW/120.0    | -1.00            | <u>118</u>     |

| Map<br>Key | DB  | Company/Site Name          | Address                                  | Dir/Dist (m) | Elev Diff<br>(m) | Page<br>Number |
|------------|-----|----------------------------|--|--------------|------------------|----------------|
| <u>48</u>  | CA  | Laurent Leblanc Limited    | 3000 Navan Road<br>Gloucester ON K1C 7G4 | SSW/120.0    | -1.00            | <u>118</u>     |
| <u>48</u>  | SCT | Laurent Leblanc Ltd.       | 3000 Navan Rd<br>Orléans ON K1C 7G4      | SSW/120.0    | -1.00            | <u>119</u>     |
| <u>48</u>  | GEN | Laurent Leblanc Itd        | 3000 Navan road<br>Orlean ON K1C 7G4     | SSW/120.0    | -1.00            | <u>119</u>     |
| <u>48</u>  | GEN | Laurent Leblanc Itd        | 3000 Navan road<br>Orlean ON K1C 7G4     | SSW/120.0    | -1.00            | <u>119</u>     |
| <u>48</u>  | GEN | Laurent Leblanc Itd        | 3000 Navan road<br>Orlean ON K1C 7G4     | SSW/120.0    | -1.00            | <u>120</u>     |
| <u>48</u>  | GEN | Laurent Leblanc Itd        | 3000 Navan road<br>Orleans ON            | SSW/120.0    | -1.00            | <u>120</u>     |
| <u>48</u>  | GEN | Laurent Leblanc Itd        | 3000 Navan road<br>Orleans ON            | SSW/120.0    | -1.00            | <u>120</u>     |
| <u>48</u>  | ECA | Andre Joseph Jean Leblanc  | 3000 Navan Road<br>Gloucester ON K1C 7G4 | SSW/120.0    | -1.00            | <u>121</u>     |
| <u>48</u>  | ECA | Laurent Leblanc Limited    | 3000 Navan Road<br>Gloucester ON K1C 7G4 | SSW/120.0    | -1.00            | <u>121</u>     |
| <u>48</u>  | ECA | Andre Leblanc Cartage Ltd. | 3000 Navan Road<br>Gloucester ON K1C 7G4 | SSW/120.0    | -1.00            | <u>121</u>     |
| <u>48</u>  | GEN | Laurent Leblanc Itd        | 3000 Navan road<br>Orleans ON K1C 7G4    | SSW/120.0    | -1.00            | <u>122</u>     |
| <u>48</u>  | GEN | Laurent Leblanc Itd        | 3000 Navan road<br>Orleans ON K1C 7G4    | SSW/120.0    | -1.00            | <u>122</u>     |
| <u>48</u>  | GEN | Laurent Leblanc Itd        | 3000 Navan road<br>Orleans ON K1C 7G4    | SSW/120.0    | -1.00            | <u>122</u>     |

| Map<br>Key | DB   | Company/Site Name      | Address   | Dir/Dist (m) | Elev Diff<br>(m) | Page<br>Number |
|------------|------|------------------------|---|--------------|------------------|----------------|
| <u>48</u>  | GEN  | Laurent Leblanc Itd    | 3000 Navan road<br>Orleans ON K1C 7G4   | SSW/120.0    | -1.00            | <u>123</u>     |
| <u>48</u>  | EASR | 2561678 ONTARIO INC.   | 3000 NAVAN RD<br>ORLEANS ON K1C 7G4   | SSW/120.0    | -1.00            | <u>123</u>     |
| <u>48</u>  | GEN  | Laurent Leblanc Itd    | 3000 Navan road<br>Orleans ON K1C 7G4   | SSW/120.0    | -1.00            | <u>123</u>     |
| <u>49</u>  | WWIS |                        | lot 6 con 3<br>ON<br><i>Well ID:</i> 1501420  | SE/138.1     | -1.00            | <u>124</u>     |
| <u>50</u>  | CA   | Minto Communities Inc. | 6151 Renaud Rd Part Lot 5, Conc. 3<br>(Ottawa Front), Geographic Town of<br>Gloucester<br>Ottawa ON                         | ESE/151.5    | 0.00             | <u>126</u>     |
| <u>50</u>  | CA   | Richcraft Homes Ltd.   | 6151 Renaud Rd Part Lot 5, Conc. 3<br>(Ottawa Front), Geographic Town of<br>Gloucester<br>Ottawa ON                         | ESE/151.5    | 0.00             | <u>127</u>     |
| <u>50</u>  | ECA  | Richcraft Homes Ltd.   | 6151 Renaud Rd Part Lot 5, Conc. 3<br>(Ottawa Front), Geographic Town of<br>Gloucester, City of Ottawa<br>Ottawa ON K1G 4K1 | ESE/151.5    | 0.00             | <u>127</u>     |
| <u>50</u>  | ECA  | Minto Communities Inc. | 6151 Renaud Rd Part Lot 5, Conc. 3<br>(Ottawa Front), Geographic Town of<br>Gloucester, City of Ottawa<br>Ottawa ON K1P 0B6 | ESE/151.5    | 0.00             | <u>127</u>     |
| <u>51</u>  | EHS  |                        | Navan and Renaud Road<br>Ottawa ON K4B 1H9  | S/156.8      | -1.00            | <u>128</u>     |
| <u>51</u>  | EHS  |                        | Navan and Renaud Road<br>Ottawa ON K4B 1H9  | S/156.8      | -1.00            | <u>128</u>     |
| <u>51</u>  | EHS  |                        | Navan and Renaud Road<br>Ottawa ON K4B 1H9  | S/156.8      | -1.00            | <u>128</u>     |
| <u>52</u>  | GEN  | MARCEL BRAZEAU LTD.    | LOT 6, CONC. 3 OFF NAVAN ROAD C/O<br>BOX 231 R.R.#9<br>GLOUCESTER ON K1G 3N5  | SSE/161.5    | -1.91            | <u>128</u>     |

| Map<br>Key | DB   | Company/Site Name              | Address  | Dir/Dist (m) | Elev Diff<br>(m) | Page<br>Number |
|------------|------|--------------------------------|--|--------------|------------------|----------------|
| <u>52</u>  | GEN  | MARCEL BRAZEAU LTD. 26-<br>391 | 3060 NAVAN ROAD<br>GLOUCESTER ON K1G 3N5                             | SSE/161.5    | -1.91            | <u>129</u>     |
| <u>52</u>  | GEN  | MARCEL BRAZEAU LTD.            | 3060 NAVAN ROAD<br>GLOUCESTER ON K1G 3N5                             | SSE/161.5    | -1.91            | <u>129</u>     |
| <u>52</u>  | FSTH | MARCEL BRAZEAU TOP SOIL        | 3060 NAVAN RD<br>NAVAN ON  | SSE/161.5    | -1.91            | <u>129</u>     |
| <u>52</u>  | FSTH | MARCEL BRAZEAU TOP SOIL        | 3060 NAVAN RD<br>NAVAN ON  | SSE/161.5    | -1.91            | <u>130</u>     |
| <u>52</u>  | GEN  | MARCEL BRAZEAU LTD.            | 3060 NAVAN ROAD<br>GLOUCESTER ON K1W 1E9                             | SSE/161.5    | -1.91            | <u>130</u>     |
| <u>52</u>  | GEN  | MARCEL BRAZEAU LTD.            | 3060 NAVAN ROAD<br>GLOUCESTER ON K1W 1E9                             | SSE/161.5    | -1.91            | <u>131</u>     |
| <u>52</u>  | FST  | MARCEL BRAZEAU TOP SOIL        | 3060 NAVAN RD NAVAN K4B ON CA<br>3060 NAVAN RD NAVAN K4B ON CA<br>ON | SSE/161.5    | -1.91            | <u>131</u>     |
| <u>52</u>  | FST  | MARCEL BRAZEAU TOP SOIL        | 3060 NAVAN RD NAVAN K4B ON CA<br>3060 NAVAN RD NAVAN K4B ON CA<br>ON | SSE/161.5    | -1.91            | <u>132</u>     |
| <u>52</u>  | SPL  | Enbridge Gas Distribution Inc. | 3060 Navan Rd<br>Ottawa ON   | SSE/161.5    | -1.91            | <u>132</u>     |
| <u>52</u>  | PINC | PIPELINE HIT 1"                | 3060 NAVAN RD,,ORLÉANS,ON,K1W<br>1E9,CA<br>ON                        | SSE/161.5    | -1.91            | <u>133</u>     |
| <u>52</u>  | PINC | PIPELINE HIT 1"                | 3060 NAVAN RD,,OTTAWA,ON,K1W 1E9,<br>CA<br>ON                        | SSE/161.5    | -1.91            | <u>133</u>     |
| <u>53</u>  | HINC |                                | 6126 RENAUD ROAD<br>GLOUCESTER ON K1W 1E9                            | SE/169.7     | -1.00            | <u>134</u>     |

| Map<br>Key | DB   | Company/Site Name                          | Address   | Dir/Dist (m) | Elev Diff<br>(m) | Page<br>Number |
|------------|------|--|---|--------------|------------------|----------------|
| <u>53</u>  | HINC |  | 6126 RENAUD ROAD<br>GLOUCESTER ON K1W 1E9                                 | SE/169.7     | -1.00            | <u>134</u>     |
| <u>54</u>  | EASR | AECON CONSTRUCTION<br>ONTARIO EAST LIMITED | ON  | W/173.0      | -2.82            | <u>134</u>     |
| <u>55</u>  | WWIS |  | lot 6 con 4<br>ON<br><i>Well ID:</i> 1501528                              | SE/179.2     | -1.00            | <u>135</u>     |
| <u>56</u>  | WWIS |  | 6102 RENARD ST<br>OTTAWA ON<br><i>Well ID:</i> 7300714                    | SE/181.3     | -1.05            | <u>137</u>     |
| <u>57</u>  | SPL  |  | Renaud Rd and Navan Rd<br>Ottawa ON                                       | ESE/188.3    | 0.00             | <u>140</u>     |
| <u>58</u>  | EHS  |  | Navan Rd Renaud Rd<br>Ottawa ON   | ESE/188.3    | 0.00             | <u>141</u>     |
| <u>59</u>  | SCT  | Orleans Printers Ltd.                      | 6102 Renaud Rd Unit 1<br>Orleans ON K1W 1E9                               | SE/193.1     | -1.00            | <u>141</u>     |
| <u>60</u>  | WWIS |  | lot 6 con 4<br>ON<br><i>Well ID:</i> 1501529                              | SE/204.0     | -1.05            | <u>141</u>     |
| <u>61</u>  | EHS  |  | 6102 Renaud Rd<br>Ottawa ON K1W1E9  | SE/210.8     | -1.77            | <u>144</u>     |
| <u>62</u>  | SPL  | Enbridge Gas Distribution Inc.             | 6071 renaud Road, Orleans <unofficial><br/>Ottawa ON K1C 7G4</unofficial> | SSE/225.2    | -2.97            | <u>144</u>     |
| <u>62</u>  | SPL  | Enbridge Gas Distribution Inc.             | 6071 renaud Road, Orleans <unofficial><br/>Ottawa ON K1C 7G4</unofficial> | SSE/225.2    | -2.97            | <u>144</u>     |
| <u>62</u>  | INC  |  | 6071 Renaud Road, Orleans<br>ON K1C 7G4                                   | SSE/225.2    | -2.97            | <u>145</u>     |
| <u>63</u>  | CA   | MINTO DEVELOPMENTS INC.                    | CASTLE PINES WAY/AUBURN RIDGE<br>GLOUCESTER CITY ON                       | NW/226.8     | 0.00             | <u>145</u>     |

| Map<br>Key | DB   | Company/Site Name                             | Address  | Dir/Dist (m) | Elev Diff<br>(m) | Page<br>Number |
|------------|------|---|--|--------------|------------------|----------------|
| <u>64</u>  | WWIS |   | lot 5 con 4<br>ON<br><i>Well ID:</i> 1509638           | ESE/227.6    | 0.00             | <u>146</u>     |
| <u>65</u>  | PINC | TREMBLAY CONSTRUCTION                         | 700 MORNINGSTAR WAY,,OTTAWA,ON,<br>K1W 0G6,CA<br>ON    | E/230.4      | 0.00             | <u>149</u>     |
| <u>65</u>  | SPL  | Enbridge Gas Distribution Inc.                | 700 Morningstar Way<br>Ottawa ON                       | E/230.4      | 0.00             | <u>149</u>     |
| <u>66</u>  | WWIS |   | 6102 RENAUD ST<br>OTTAWA ON<br><b>Well ID:</b> 7300645 | SE/238.0     | -1.69            | <u>150</u>     |
| <u>67</u>  | WWIS |   | 6102 RENAUD ST<br>OTTAWA ON<br><i>Well ID:</i> 7300715 | SE/241.2     | -2.00            | <u>153</u>     |
| <u>68</u>  | GEN  | 1310034 Ontario Inc. Cob<br>National Coatings | 2624 Page Rd.<br>Ottawa ON K1W 1E8                     | N/248.8      | 2.08             | <u>156</u>     |
| <u>68</u>  | GEN  | 1310034 Ontario Inc. Cob<br>National Coatings | 2624 Page Rd.<br>Ottawa ON K1W 1E8                     | N/248.8      | 2.08             | <u>156</u>     |
| <u>68</u>  | GEN  | 1310034 Ontario Inc. Cob<br>National Coatings | 2624 Page Rd.<br>Ottawa ON                             | N/248.8      | 2.08             | <u>156</u>     |
| <u>68</u>  | GEN  | 1310034 Ontario Inc. Cob<br>National Coatings | 2624 Page Rd.<br>Ottawa ON K1W1E8                      | N/248.8      | 2.08             | <u>156</u>     |
| <u>68</u>  | GEN  | 1310034 Ontario Inc. Cob<br>National Coatings | 2624 Page Rd.<br>Ottawa ON K1W1E8                      | N/248.8      | 2.08             | <u>157</u>     |
| <u>68</u>  | GEN  | 1310034 Ontario Inc. Cob<br>National Coatings | 2624 Page Rd.<br>Ottawa ON K1W1E8                      | N/248.8      | 2.08             | <u>157</u>     |
| <u>68</u>  | GEN  | 1310034 Ontario Inc. Cob<br>National Coatings | 2624 Page Rd.<br>Ottawa ON K1W1E8                      | N/248.8      | 2.08             | <u>157</u>     |
| <u>68</u>  | GEN  | 1310034 Ontario Inc. Cob<br>National Coatings | 2624 Page Rd.<br>Ottawa ON K1W1E8                      | N/248.8      | 2.08             | <u>157</u>     |

| Мар<br>Кеу | DB   | Company/Site Name | Address                        | Dir/Dist (m) | Elev Diff<br>(m) | Page<br>Number |
|------------|------|-------------------|--------------------------------|--------------|------------------|----------------|
| <u>69</u>  | PINC |                   | 6173 Renaud Road, Ottawa<br>ON | E/249.5      | 0.00             | <u>158</u>     |

## Executive Summary: Summary By Data Source

### BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 8 BORE site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | Address<br>ON | <u>Distance (m)</u><br>1.2 | <u>Map Key</u><br><u>4</u> |
|-------------|---------------|----------------------------|----------------------------|
|             | ON            | 26.7                       | <u>7</u>                   |
|             | ON            | 44.4                       | <u>11</u>                  |
|             | ON            | 50.3                       | <u>16</u>                  |
|             | ON            | 58.8                       | <u>23</u>                  |
|             | ON            | 79.1                       | <u>31</u>                  |
|             | ON            | 94.0                       | <u>38</u>                  |
|             | ON            | 101.7                      | <u>41</u>                  |

#### **<u>CA</u>** - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 6 CA site(s) within approximately 0.25 kilometers of

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the project property.

| Site<br>Andre Leblanc Cartage Ltd. | <u>Address</u><br>3000 Navan Road<br>Gloucester ON K1C 7G4                                       | <u>Distance (m)</u><br>120.0 | <u>Map Key</u><br><u>48</u> |
|------------------------------------|--|------------------------------|-----------------------------|
| Andre Joseph Jean Leblanc          | 3000 Navan Road<br>Gloucester ON K1C 7G4   | 120.0                        | <u>48</u>                   |
| Laurent Leblanc Limited            | 3000 Navan Road<br>Gloucester ON K1C 7G4   | 120.0                        | <u>48</u>                   |
| Minto Communities Inc.             | 6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa<br>Front), Geographic Town of Gloucester<br>Ottawa ON | 151.5                        | <u>50</u>                   |
| Richcraft Homes Ltd.               | 6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa<br>Front), Geographic Town of Gloucester<br>Ottawa ON | 151.5                        | <u>50</u>                   |
| MINTO DEVELOPMENTS INC.            | CASTLE PINES WAY/AUBURN RIDGE<br>GLOUCESTER CITY ON  | 226.8                        | <u>63</u>                   |

#### **EASR** - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Dec 31, 2020 has found that there are 2 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> |
|--|-------------------------------------|---------------------|----------------|
| 2561678 ONTARIO INC.                       | 3000 NAVAN RD<br>ORLEANS ON K1C 7G4 | 120.0               | <u>48</u>      |
|  |                                     |                     |                |
| AECON CONSTRUCTION ONTARIO<br>EAST LIMITED | ON                                  | 173.0               | <u>54</u>      |

#### ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Dec 31, 2020 has found that there are 6 ECA site(s) within approximately 0.25 kilometers of the project property.

erisinfo.com | Environmental Risk Information Services

| <u>Site</u><br>City of Ottawa | <u>Address</u><br>2955 Navan Rd<br>Ottawa ON K2G 6J8  | <u>Distance (m)</u><br>61.6 | <u>Map Key</u><br><u>25</u> |
|-------------------------------|---|-----------------------------|-----------------------------|
| Andre Leblanc Cartage Ltd.    | 3000 Navan Road<br>Gloucester ON K1C 7G4  | 120.0                       | <u>48</u>                   |
| Laurent Leblanc Limited       | 3000 Navan Road<br>Gloucester ON K1C 7G4  | 120.0                       | <u>48</u>                   |
| Andre Joseph Jean Leblanc     | 3000 Navan Road<br>Gloucester ON K1C 7G4  | 120.0                       | <u>48</u>                   |
| Minto Communities Inc.        | 6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa<br>Front), Geographic Town of Gloucester, City<br>of Ottawa<br>Ottawa ON K1P 0B6 | 151.5                       | <u>50</u>                   |
| Richcraft Homes Ltd.          | 6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa<br>Front), Geographic Town of Gloucester, City<br>of Ottawa<br>Ottawa ON K1G 4K1 | 151.5                       | <u>50</u>                   |

### **EHS** - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2020 has found that there are 16 EHS site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | <u>Address</u><br>2973 Navan Rd<br>Ottawa ON K1C7G4 | <u>Distance (m)</u><br>5.2 | <u>Map Key</u><br><u>5</u> |
|-------------|---|----------------------------|----------------------------|
|             | 2680 Page Road<br>Ottawa (Cumberland) ON K1W 1G1    | 54.9                       | <u>19</u>                  |
|             | Navan Road<br>Ottawa ON                             | 56.2                       | <u>20</u>                  |
|             | 2955 Navan Rd<br>Ottawa ON K1C7G4                   | 61.6                       | <u>26</u>                  |

| <u>Address</u>                               | <u>Distance (m)</u> | <u>Map Key</u> |
|--|---------------------|----------------|
| 2968 Navan Rd<br>Ottawa ON K1C7G4            | 63.9                | <u>28</u>      |
| 2679 Page Road<br>Orleans ON K1W 1G2         | 84.1                | <u>33</u>      |
| 3097 and 3107 Navan Road<br>Ottawa ON K1W1E9 | 103.3               | <u>42</u>      |
| 2683 Page Rd<br>Ottawa ON K1W1G2             | 105.9               | <u>43</u>      |
| 3096 Navan Rd<br>Ottawa ON K1W1E9            | 108.9               | <u>45</u>      |
| Navan Rd<br>Ottawa ON                        | 116.3               | <u>47</u>      |
| 3000 Navan Road<br>Ottawa ON K1C 7G4         | 120.0               | <u>48</u>      |
| Navan and Renaud Road<br>Ottawa ON K4B 1H9   | 156.8               | <u>51</u>      |
| Navan and Renaud Road<br>Ottawa ON K4B 1H9   | 156.8               | <u>51</u>      |
| Navan and Renaud Road<br>Ottawa ON K4B 1H9   | 156.8               | <u>51</u>      |
| Navan Rd Renaud Rd<br>Ottawa ON              | 188.3               | <u>58</u>      |

| <u>Address</u>                     | <u>Distance (m)</u> | <u>Map Key</u> |
|------------------------------------|---------------------|----------------|
| 6102 Renaud Rd<br>Ottawa ON K1W1E9 | 210.8               | <u>61</u>      |

#### **FST** - Fuel Storage Tank

A search of the FST database, dated Jul 31, 2020 has found that there are 2 FST site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u>             | Address  | Distance (m) | <u>Map Key</u> |
|-------------------------|--|--------------|----------------|
| MARCEL BRAZEAU TOP SOIL | 3060 NAVAN RD NAVAN K4B ON CA 3060<br>NAVAN RD NAVAN K4B ON CA<br>ON | 161.5        | <u>52</u>      |
| MARCEL BRAZEAU TOP SOIL | 3060 NAVAN RD NAVAN K4B ON CA 3060<br>NAVAN RD NAVAN K4B ON CA<br>ON | 161.5        | <u>52</u>      |

#### **FSTH** - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010\* has found that there are 2 FSTH site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u>             | <u>Address</u>            | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------------|---------------------------|---------------------|----------------|
| MARCEL BRAZEAU TOP SOIL | 3060 NAVAN RD<br>NAVAN ON | 161.5               | <u>52</u>      |
| MARCEL BRAZEAU TOP SOIL | 3060 NAVAN RD<br>NAVAN ON | 161.5               | <u>52</u>      |

### **GEN** - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 25 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> |
|-------------------------|--|---------------------|----------------|
| LAURENT LEBLANC LIMITED | 3000 NAVAN ROAD<br>GLOUCESTER ON K1C 7G4 | 120.0               | <u>48</u>      |

| Site<br>Laurent Leblanc Itd | <u>Address</u><br>3000 Navan road<br>Orlean ON K1C 7G4                       | <u>Distance (m)</u><br>120.0 | <u>Map Key</u><br><u>48</u> |
|-----------------------------|--|------------------------------|-----------------------------|
| Laurent Leblanc Itd         | 3000 Navan road<br>Orlean ON K1C 7G4   | 120.0                        | <u>48</u>                   |
| Laurent Leblanc Itd         | 3000 Navan road<br>Orlean ON K1C 7G4   | 120.0                        | <u>48</u>                   |
| Laurent Leblanc Itd         | 3000 Navan road<br>Orleans ON  | 120.0                        | <u>48</u>                   |
| Laurent Leblanc Itd         | 3000 Navan road<br>Orleans ON  | 120.0                        | <u>48</u>                   |
| Laurent Leblanc Itd         | 3000 Navan road<br>Orleans ON K1C 7G4  | 120.0                        | <u>48</u>                   |
| Laurent Leblanc Itd         | 3000 Navan road<br>Orleans ON K1C 7G4  | 120.0                        | <u>48</u>                   |
| Laurent Leblanc Itd         | 3000 Navan road<br>Orleans ON K1C 7G4  | 120.0                        | <u>48</u>                   |
| Laurent Leblanc Itd         | 3000 Navan road<br>Orleans ON K1C 7G4  | 120.0                        | <u>48</u>                   |
| Laurent Leblanc Itd         | 3000 Navan road<br>Orleans ON K1C 7G4  | 120.0                        | <u>48</u>                   |
| Laurent Leblanc Itd         | 3000 Navan road<br>Orlean ON K1C 7G4   | 120.0                        | <u>48</u>                   |
| MARCEL BRAZEAU LTD.         | LOT 6, CONC. 3 OFF NAVAN ROAD C/O<br>BOX 231 R.R.#9<br>GLOUCESTER ON K1G 3N5 | 161.5                        | <u>52</u>                   |

| Site  | Address                                  | <u>Distance (m)</u> | <u>Map Key</u> |
|---|--|---------------------|----------------|
| MARCEL BRAZEAU LTD. 26-391                    | 3060 NAVAN ROAD<br>GLOUCESTER ON K1G 3N5 | 161.5               | <u>52</u>      |
| MARCEL BRAZEAU LTD.                           | 3060 NAVAN ROAD<br>GLOUCESTER ON K1G 3N5 | 161.5               | <u>52</u>      |
| MARCEL BRAZEAU LTD.                           | 3060 NAVAN ROAD<br>GLOUCESTER ON K1W 1E9 | 161.5               | <u>52</u>      |
| MARCEL BRAZEAU LTD.                           | 3060 NAVAN ROAD<br>GLOUCESTER ON K1W 1E9 | 161.5               | <u>52</u>      |
| 1310034 Ontario Inc. Cob National<br>Coatings | 2624 Page Rd.<br>Ottawa ON K1W1E8        | 248.8               | <u>68</u>      |
| 1310034 Ontario Inc. Cob National<br>Coatings | 2624 Page Rd.<br>Ottawa ON K1W 1E8       | 248.8               | <u>68</u>      |
| 1310034 Ontario Inc. Cob National<br>Coatings | 2624 Page Rd.<br>Ottawa ON K1W 1E8       | 248.8               | <u>68</u>      |
| 1310034 Ontario Inc. Cob National<br>Coatings | 2624 Page Rd.<br>Ottawa ON               | 248.8               | <u>68</u>      |
| 1310034 Ontario Inc. Cob National<br>Coatings | 2624 Page Rd.<br>Ottawa ON K1W1E8        | 248.8               | <u>68</u>      |
| 1310034 Ontario Inc. Cob National<br>Coatings | 2624 Page Rd.<br>Ottawa ON K1W1E8        | 248.8               | <u>68</u>      |
| 1310034 Ontario Inc. Cob National<br>Coatings | 2624 Page Rd.<br>Ottawa ON K1W1E8        | 248.8               | <u>68</u>      |

### **HINC** - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009\* has found that there are 3 HINC site(s) within approximately 0.25 kilometers of the project property.

| Site | Address                                   | <u>Distance (m)</u> | <u>Map Key</u> |
|------|---|---------------------|----------------|
|      | 2777 PAGE ROAD<br>Orleans ON K1W 1G1      | 63.6                | <u>27</u>      |
|      | 6126 RENAUD ROAD<br>GLOUCESTER ON K1W 1E9 | 169.7               | <u>53</u>      |
|      | 6126 RENAUD ROAD<br>GLOUCESTER ON K1W 1E9 | 169.7               | <u>53</u>      |

# **INC** - Fuel Oil Spills and Leaks

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

| <u>Site</u> | Address                                 | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|---|---------------------|----------------|
|             | 6071 Renaud Road, Orleans<br>ON K1C 7G4 | 225.2               | <u>62</u>      |

### **<u>PINC</u>** - Pipeline Incidents

A search of the PINC database, dated Oct 31, 2020 has found that there are 4 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" | 3060 NAVAN RD,,ORLÉANS,ON,K1W 1E9,<br>CA<br>ON | 161.5               | <u>52</u>      |

| <u>Site</u><br>PIPELINE HIT 1" | <u>Address</u><br>3060 NAVAN RD,,OTTAWA,ON,K1W 1E9,CA<br>ON | <u>Distance (m)</u><br>161.5 | <u>Map Key</u><br><u>52</u> |
|--------------------------------|---|------------------------------|-----------------------------|
| TREMBLAY CONSTRUCTION          | 700 MORNINGSTAR WAY,,OTTAWA,ON,<br>K1W 0G6,CA<br>ON         | 230.4                        | <u>65</u>                   |
|                                | 6173 Renaud Road, Ottawa<br>ON                              | 249.5                        | <u>69</u>                   |

# SCT - Scott's Manufacturing Directory

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

| <u>Site</u>           | Address                                     | <u>Distance (m)</u> | <u>Map Key</u> |
|-----------------------|---|---------------------|----------------|
| Laurent Leblanc Ltd.  | 3000 Navan Rd<br>Orléans ON K1C 7G4         | 120.0               | <u>48</u>      |
| Orleans Printers Ltd. | 6102 Renaud Rd Unit 1<br>Orleans ON K1W 1E9 | 193.1               | <u>59</u>      |

# SPL - Ontario Spills

A search of the SPL database, dated 1988-Mar 2020; Jul 2020 - Aug 2020 has found that there are 6 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> |
|--------------------------------|---|---------------------|----------------|
| BUS                            | NAVAN VILLAGE, NAVAN RD & PAGE RD.<br>MOTOR VEHICLE (OPERATING FLUID)<br>CUMBERLAND TOWNSHIP ON | 27.8                | <u>9</u>       |
| Enbridge Gas Distribution Inc. | 3060 Navan Rd<br>Ottawa ON  | 161.5               | <u>52</u>      |
|                                | Renaud Rd and Navan Rd<br>Ottawa ON   | 188.3               | <u>57</u>      |

| Site<br>Enbridge Gas Distribution Inc. | <u>Address</u><br>6071 renaud Road, Orleans <unofficial><br/>Ottawa ON K1C 7G4</unofficial> | <u>Distance (m)</u><br>225.2 | <u>Map Key</u><br><u>62</u> |
|--|---|------------------------------|-----------------------------|
| Enbridge Gas Distribution Inc.         | 6071 renaud Road, Orleans <unofficial><br/>Ottawa ON K1C 7G4</unofficial>                   | 225.2                        | <u>62</u>                   |
| Enbridge Gas Distribution Inc.         | 700 Morningstar Way<br>Ottawa ON  | 230.4                        | <u>65</u>                   |

## WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 33 WWIS site(s) within approximately 0.25 kilometers of the project property.

| <u>Site</u> | Address  | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|--|---------------------|----------------|
|             | lot 6 con 3<br>ON  | 0.0                 | <u>1</u>       |
|             | Well ID: 1501429   |                     |                |
|             | lot 6 con 3<br>ON  | 0.0                 | <u>2</u>       |
|             | <b>Well ID:</b> 1511098  |                     |                |
|             | lot 6 con 3<br>ON  | 1.1                 | <u>3</u>       |
|             | <b>Well ID:</b> 1510718  |                     |                |
|             | 2968 NAVAW RD lot 6 con 3<br>GLOUCESTER ON   | 11.8                | <u>6</u>       |
|             | Well ID: 7163106   |                     |                |
|             | lot 6 con 3<br>ON  | 26.9                | <u>8</u>       |
|             | Well ID: 1510906   |                     |                |
|             | CHAPEL HILL BRIAN COBURN ROAD<br>BH17-02 lot 6 con 3<br>Ottawa ON<br><i>Well ID:</i> 7338724 | 43.6                | <u>10</u>      |
|             | lot 6 con 3<br>ON  | 44.6                | <u>12</u>      |

| Address<br>Well ID: 1501453                  | <u>Distance (m)</u> | <u>Map Key</u> |
|--|---------------------|----------------|
| lot 5 con 3<br>ON                            | 47.4                | <u>13</u>      |
| <b>Well ID:</b> 1511514                      |                     |                |
| lot 5 con 3<br>ON                            | 48.1                | <u>14</u>      |
| Well ID: 1510713                             |                     |                |
| lot 5 con 3<br>ON                            | 49.4                | <u>15</u>      |
| Well ID: 1511515                             |                     |                |
| lot 5 con 3<br>ON                            | 51.8                | <u>17</u>      |
| Well ID: 1501415                             |                     |                |
| lot 6 con 3<br>ON                            | 53.7                | <u>18</u>      |
| Well ID: 1501455                             |                     |                |
| ON   | 57.8                | <u>21</u>      |
| Well ID: 7292790                             |                     |                |
| lot 5 con 3<br>ON                            | 58.6                | <u>22</u>      |
| Well ID: 1510712                             |                     |                |
| 2968 + 2973 NAVAN RD lot 6 con 3<br>NAVAN ON | 60.2                | <u>24</u>      |
| Well ID: 7279124                             |                     |                |
| lot 6 con 3<br>ON                            | 74.6                | <u>29</u>      |
| Well ID: 1501531                             |                     |                |
| lot 6 con 3<br>ON                            | 78.9                | <u>30</u>      |
| <b>Well ID:</b> 1510716                      |                     |                |
| lot 5 con 3<br>ON                            | 80.4                | <u>32</u>      |
| Well ID: 1501412                             |                     |                |

<u>Site</u>

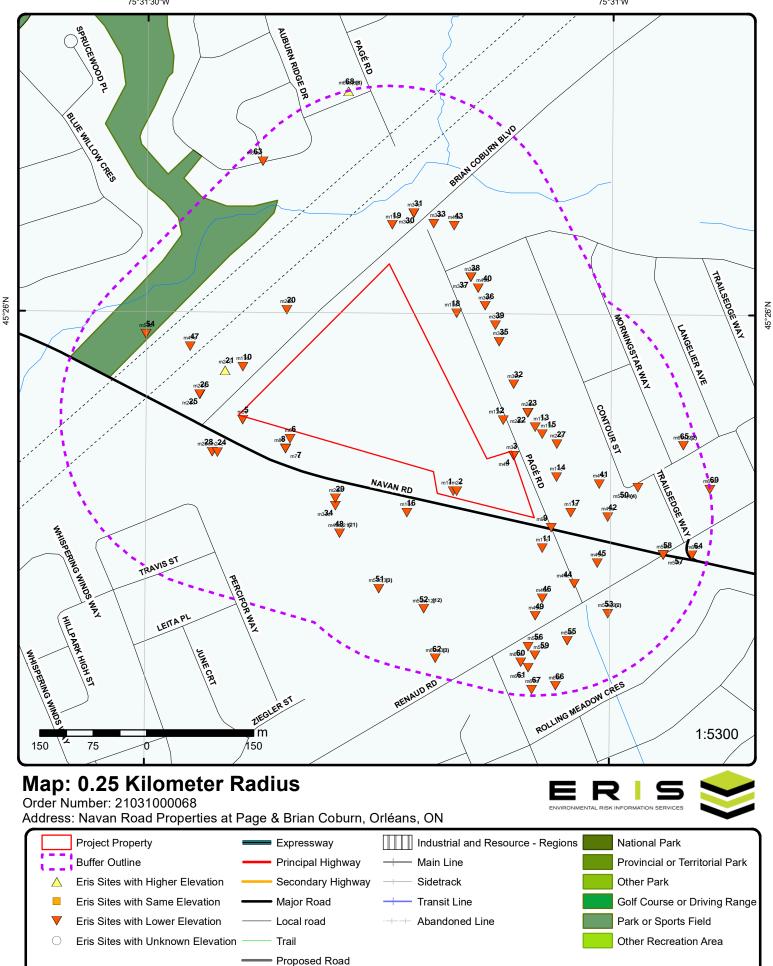
| <u>Address</u><br>lot 6 con 2<br>ON      | <u>Distance (m)</u><br>84.2 | <u>Map Key</u><br><u>34</u> |
|--|-----------------------------|-----------------------------|
| Well ID: 1511923                         |                             |                             |
| lot 5 con 3<br>ON                        | 89.4                        | <u>35</u>                   |
| Well ID: 1511711                         |                             |                             |
| lot 5 con 3<br>ON                        | 93.9                        | <u>36</u>                   |
| Well ID: 1511692                         |                             |                             |
| lot 5 con 3<br>ON                        | 94.0                        | <u>37</u>                   |
| <b>Well ID:</b> 1501419                  |                             |                             |
| 2723 PAGE ROAD lot 5 con 3<br>ORLEANS ON | 94.5                        | <u>39</u>                   |
| <b>Well ID:</b> 1536849                  |                             |                             |
| lot 5 con 3<br>ON                        | 96.2                        | <u>40</u>                   |
| Well ID: 1501411                         |                             |                             |
| lot 6 con 3<br>ON                        | 108.9                       | <u>44</u>                   |
| Well ID: 1501427                         |                             |                             |
| lot 6 con 3<br>ON                        | 113.7                       | <u>46</u>                   |
| Well ID: 1510706                         |                             |                             |
| lot 6 con 3<br>ON                        | 138.1                       | <u>49</u>                   |
| Well ID: 1501420                         |                             |                             |
| lot 6 con 4<br>ON                        | 179.2                       | <u>55</u>                   |
| Well ID: 1501528                         |                             |                             |
| 6102 RENARD ST<br>OTTAWA ON              | 181.3                       | <u>56</u>                   |
| Well ID: 7300714                         |                             |                             |
| lot 6 con 4<br>ON                        | 204.0                       | <u>60</u>                   |

| Address<br>Well ID: 1501529 | <u>Distance (m)</u> | <u>Map Key</u> |
|-----------------------------|---------------------|----------------|
| lot 5 con 4<br>ON           | 227.6               | <u>64</u>      |
| Well ID: 1509638            |                     |                |
| 6102 RENAUD ST<br>OTTAWA ON | 238.0               | <u>66</u>      |
| Well ID: 7300645            |                     |                |
| 6102 RENAUD ST<br>OTTAWA ON | 241.2               | <u>67</u>      |
|                             |                     |                |

Well ID: 7300715



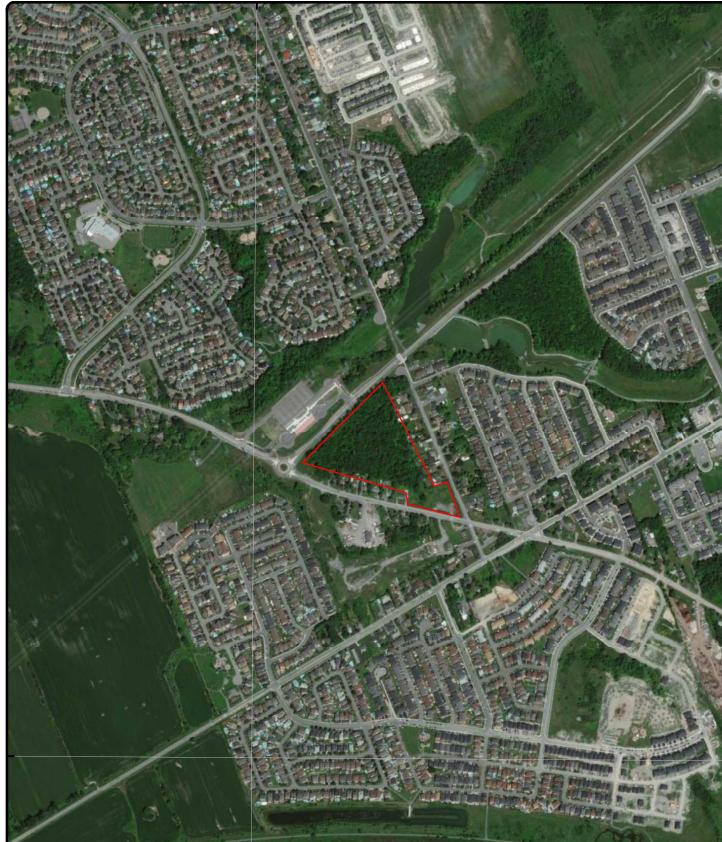




Ferry Route/Ice Road

Source: © 2015 DMTI Spatial Inc.

© ERIS Information Limited Partnership



75°31'30"W

45°25'30"N

# Aerial Year: 2008

0

# Order Number: 21031000068

1:10000



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

Address: Navan Road Properties at Page & Brian Coburn, Orléans, Olever

m 250

125

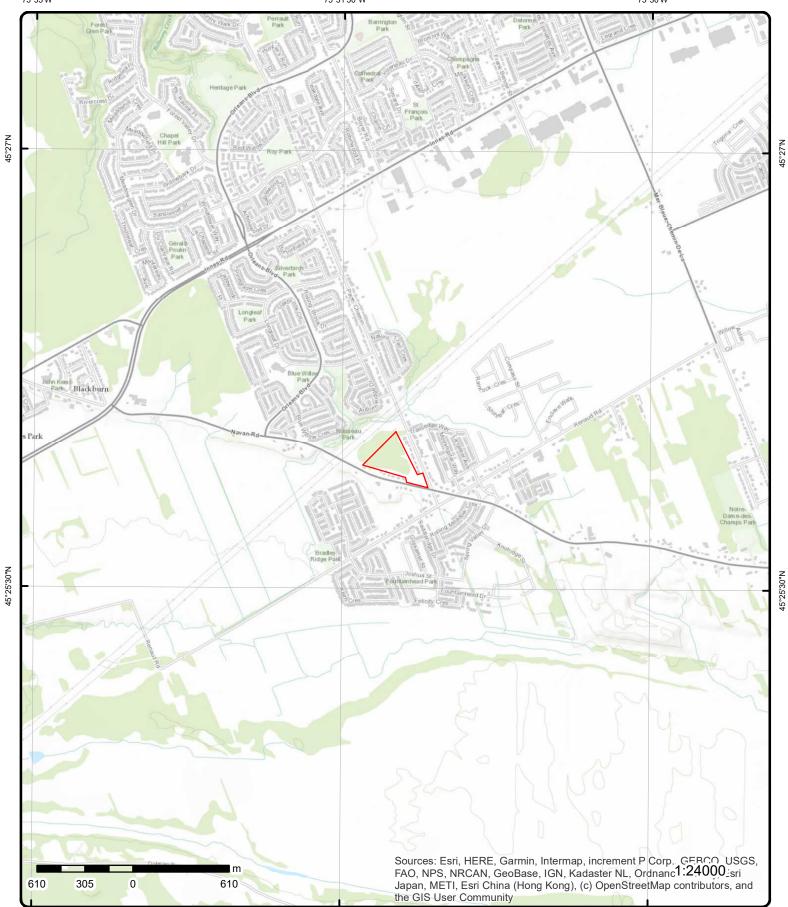
250

© ERIS Information Limited Partnership

75°33'W

75°31'30"W

75°30'W



# **Topographic Map**

# Address: Navan Road Properties at Page & Brian Coburn, ON

Source: ESRI World Topographic Map

# Order Number: 21031000068



© ERIS Information Limited Partnership

# Detail Report

|                            |            | S          | Distance (m)      | (m)                | Site                     |                                    | DB   |
|----------------------------|------------|------------|-------------------|--------------------|--------------------------|------------------------------------|------|
| 1                          | 1 of 1     |            | SE/0.0            | 79.9 / -1.00       | lot 6 con 3<br>ON        |                                    | WWIS |
| Well ID:                   |            | 1501429    |                   |                    | Data Entry Status:       |                                    |      |
| Construction               | Date:      |            |                   |                    | Data Src:                | 1                                  |      |
| Primary Wate               | er Use:    | Domestic   |                   |                    | Date Received:           | 12/7/1962                          |      |
| Sec. Water U               | lse:       | 0          |                   |                    | Selected Flag:           | Yes                                |      |
| Final Well Sta             | atus:      | Water Supp | ly                |                    | Abandonment Rec:         |                                    |      |
| Water Type:                |            |            |                   |                    | Contractor:              | 1504                               |      |
| Casing Mater               | rial:      |            |                   |                    | Form Version:            | 1                                  |      |
| Audit No:                  |            |            |                   |                    | Owner:                   |                                    |      |
| Tag:                       |            |            |                   |                    | Street Name:             |                                    |      |
| Construction               | 1          |            |                   |                    | County:                  | OTTAWA                             |      |
| Method:                    |            |            |                   |                    |                          |                                    |      |
| Elevation (m               |            |            |                   |                    | Municipality:            | GLOUCESTER TOWNSHIP                |      |
| Elevation Re               |            |            |                   |                    | Site Info:               | 000                                |      |
| Depth to Bea               | irock:     |            |                   |                    | Lot:                     | 006                                |      |
| Well Depth:                |            |            |                   |                    | Concession:              | 03                                 |      |
| Overburden/                | Bedrock:   |            |                   |                    | Concession Name:         | OF                                 |      |
| Pump Rate:<br>Static Water |            |            |                   |                    | Easting NAD83:           |                                    |      |
|                            |            |            |                   |                    | Northing NAD83:<br>Zone: |                                    |      |
| Flowing (Y/N<br>Flow Rate: | ):         |            |                   |                    | UTM Reliability:         |                                    |      |
| Clear/Cloudy               | <i>,</i> . |            |                   |                    | OTWI Kenabinty.          |                                    |      |
| clear/Cloudy               | •          |            |                   |                    |                          |                                    |      |
| PDF URL (Ma                | ם):        | ht         | tps://d2khazk8e83 | Brdv.cloudfront.ne | t/moe_mapping/downloads  | /2Water/Wells_pdfs/150\1501429.pdf |      |

### Bore Hole Information

| Bore Hole ID:         | 10023472   | Elevation:       | 80.868606                       |
|-----------------------|------------|------------------|---------------------------------|
| DP2BR:                | 90         | Elevrc:          |                                 |
| Spatial Status:       |            | Zone:            | 18                              |
| Code OB:              | r          | East83:          | 459365.8                        |
| Code OB Desc:         | Bedrock    | North83:         | 5030972                         |
| Open Hole:            |            | Org CS:          |                                 |
| Cluster Kind:         |            | UTMRC:           | 5                               |
| Date Completed:       | 11/16/1962 | UTMRC Desc:      | margin of error : 100 m - 300 m |
| Remarks:              |            | Location Method: | p5                              |
| Elevrc Desc:          |            |                  |                                 |
| Location Source Date: |            |                  |                                 |
| Improvement Location  | Source:    |                  |                                 |
| Improvement Location  | Method:    |                  |                                 |
| Source Revision Com   | ment:      |                  |                                 |
| Supplier Comment:     |            |                  |                                 |

#### Overburden and Bedrock Materials Interval

| Formation ID:         | 930991808 |
|-----------------------|-----------|
| Layer:                | 2         |
| Color:                | 3         |
| General Color:        | BLUE      |
| Mat1:                 | 05        |
| Most Common Material: | CLAY      |

| • •                                      | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--|----------------------|----------------------------|------------------|------|----|
| Mat2:<br>Mat2 Dagai                      |                      |                            |                  |      |    |
| Mat2 Desc:                               |                      |                            |                  |      |    |
| Mat3:                                    |                      |                            |                  |      |    |
| Mat3 Desc:                               | Donthi               | 10                         |                  |      |    |
| Formation Top<br>Formation End           | Depth:               | 12<br>90                   |                  |      |    |
| Formation End                            | Depth UOM:           | ft                         |                  |      |    |
| <u>Overburden an</u><br>Materials Interv |                      |                            |                  |      |    |
|  |                      |                            |                  |      |    |
| Formation ID:                            |                      | 930991809                  |                  |      |    |
| Layer:                                   |                      | 3                          |                  |      |    |
| Color:                                   |                      |                            |                  |      |    |
| General Color:                           |                      |                            |                  |      |    |
| Mat1:                                    |                      | 17                         |                  |      |    |
| Most Common                              | waterial:            | SHALE                      |                  |      |    |
| Mat2:<br>Mat2 Desc:                      |                      |                            |                  |      |    |
| Mat2 Desc.<br>Mat3:                      |                      |                            |                  |      |    |
| Mat3 Desc:                               |                      |                            |                  |      |    |
| Formation Top                            | Denth <sup>.</sup>   | 90                         |                  |      |    |
| Formation End                            |                      | 95                         |                  |      |    |
| Formation End                            | Depth UOM:           | ft                         |                  |      |    |
|  |                      |                            |                  |      |    |
| <u>Overburden an</u><br>Materials Interv |                      |                            |                  |      |    |
| Formation ID:                            |                      | 930991810                  |                  |      |    |
| Layer:                                   |                      | 4                          |                  |      |    |
| Color:                                   |                      | 6                          |                  |      |    |
| General Color:                           |                      | BROWN                      |                  |      |    |
| Mat1:                                    |                      | 19                         |                  |      |    |
| Most Common                              | Material:            | SLATE                      |                  |      |    |
| Mat2:<br>Mat2 Decei                      |                      |                            |                  |      |    |
| Mat2 Desc:<br>Mat3:                      |                      |                            |                  |      |    |
| Mat3 Desc:                               |                      |                            |                  |      |    |
| Formation Top                            | Denth <sup>.</sup>   | 95                         |                  |      |    |
| Formation End                            |                      | 107                        |                  |      |    |
| Formation End                            | Depth UOM:           | ft                         |                  |      |    |
| Overburden an                            |                      |                            |                  |      |    |
| Materials Interv                         | <u>/al</u>           |                            |                  |      |    |
| Formation ID:                            |                      | 930991807                  |                  |      |    |
| Layer:                                   |                      | 1                          |                  |      |    |
| Color:                                   |                      |                            |                  |      |    |
| General Color:                           |                      |                            |                  |      |    |
| Mat1:                                    |                      | 09                         |                  |      |    |
| Most Common                              | Material:            | MEDIUM SAND                |                  |      |    |
| Mat2:                                    |                      |                            |                  |      |    |
| Mat2 Desc:                               |                      |                            |                  |      |    |
| Mat3:                                    |                      |                            |                  |      |    |
| Mat3 Desc:                               | Donthi               | 0                          |                  |      |    |
| Formation Top                            |                      | 0<br>12                    |                  |      |    |
| Earmation End                            |                      |                            |                  |      |    |
| Formation End<br>Formation End           | Depth LOM            | ft                         |                  |      |    |

Method of Construction & Well Use

| Мар Кеу                             | Number of<br>Records                             | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------|--|----------------------------|------------------|------|----|
| Method Cons                         |  | 961501429                  |                  |      |    |
| Method Cons                         | struction Code:<br>struction:<br>d Construction: | 7<br>Diamond               |                  |      |    |
| Pipe Informa                        | <u>ition</u>                                     |                            |                  |      |    |
| Pipe ID:                            |  | 10572042                   |                  |      |    |
| Casing No:<br>Comment:<br>Alt Name: |  | 1                          |                  |      |    |
| Constructior                        | n Record - Casing                                |                            |                  |      |    |
| Casing ID:                          |  | 930039826                  |                  |      |    |
| Layer:<br>Material:                 |  | 2 4                        |                  |      |    |
| Open Hole o                         |  | OPEN HOLE                  |                  |      |    |
| Depth From:<br>Depth To:            |  | 107                        |                  |      |    |
| Casing Diam                         | eter:  | 2                          |                  |      |    |
| Casing Diam<br>Casing Dept          | eter UOM:<br>h UOM:                              | inch<br>ft                 |                  |      |    |
| Construction                        | n Record - Casing                                |                            |                  |      |    |
| Casing ID:                          |  | 930039825                  |                  |      |    |
| Layer:<br>Material:                 |  | 1                          |                  |      |    |
| Open Hole of                        | r Material:                                      | STEEL                      |                  |      |    |
| Depth From:                         |  |                            |                  |      |    |
| Depth To:<br>Casing Diam            | eter:  | 97<br>2                    |                  |      |    |
| Casing Diam                         | eter UOM:  | inch                       |                  |      |    |
| Casing Dept                         | h UOM:   | ft                         |                  |      |    |
| <u>Results of W</u>                 | <u>'ell Yield Testing</u>                        |                            |                  |      |    |
| Pump Test II<br>Pump Set At         | D:   | 991501429                  |                  |      |    |
| Static Level:                       |  | 20                         |                  |      |    |
| Final Level A                       | fter Pumping:                                    | 30                         |                  |      |    |
| Recommend<br>Pumping Rat            | ed Pump Depth:<br>te:                            | 30<br>10                   |                  |      |    |
| Flowing Rate                        | ə:   |                            |                  |      |    |
| Recommend<br>Levels UOM:            | ed Pump Rate:                                    | 10<br>ft                   |                  |      |    |
| Rate UOM:                           |  | GPM                        |                  |      |    |
|                                     | After Test Code:                                 | 2<br>CLOUDY                |                  |      |    |
| Water State A<br>Pumping Tes        |  | CLOUDY<br>1                |                  |      |    |
| Pumping Du                          | ration HR:                                       | 2                          |                  |      |    |
| Pumping Du<br>Flowing:              | ration MIN:                                      | 0<br>No                    |                  |      |    |
| Water Details                       | <u>s</u>   |                            |                  |      |    |
| Water ID:                           |  | 933454136                  |                  |      |    |
| Layer:                              |  | 1                          |                  |      |    |

 Value
 533434

 Layer:
 1

 Kind Code:
 1

 Kind:
 FRESH

 Water Found Depth:
 107

|                        | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m)   | Site                     |                                     | Di |
|------------------------|----------------------|----------------------------|--------------------|--------------------------|-------------------------------------|----|
| Water Found D          | epth UOM:            | ft                         |                    |                          |                                     |    |
| <u>2</u>               | 1 of 1               | SE/0.0                     | 79.9 / -1.00       | lot 6 con 3<br>ON        |                                     | ww |
| Well ID:               | 151109               | 8                          |                    | Data Entry Status:       |                                     |    |
| Construction L         | Date:                |                            |                    | Data Src:                | 1                                   |    |
| Primary Water          |                      | tic                        |                    | Date Received:           | 3/26/1971                           |    |
| Sec. Water Us          |                      |                            |                    | Selected Flag:           | Yes                                 |    |
| Final Well Stat        | tus: Water S         | Supply                     |                    | Abandonment Rec:         |                                     |    |
| Water Type:            |                      | 11.5                       |                    | Contractor:              | 1504                                |    |
| Casing Materia         | al:                  |                            |                    | Form Version:            | 1                                   |    |
| Audit No:              |                      |                            |                    | Owner:                   |                                     |    |
| Tag:                   |                      |                            |                    | Street Name:             |                                     |    |
| Construction           |                      |                            |                    | County:                  | OTTAWA                              |    |
| Method:                |                      |                            |                    | -                        |                                     |    |
| Elevation (m):         |                      |                            |                    | Municipality:            | GLOUCESTER TOWNSHIP                 |    |
| <b>Elevation Relia</b> | ability:             |                            |                    | Site Info:               |                                     |    |
| Depth to Bedro         | ock:                 |                            |                    | Lot:                     | 006                                 |    |
| Well Depth:            |                      |                            |                    | Concession:              | 03                                  |    |
| Overburden/B           | edrock:              |                            |                    | Concession Name:         | OF                                  |    |
| Pump Rate:             |                      |                            |                    | Easting NAD83:           |                                     |    |
| Static Water Lo        |                      |                            |                    | Northing NAD83:          |                                     |    |
| Flowing (Y/N):         |                      |                            |                    | Zone:                    |                                     |    |
| Flow Rate:             |                      |                            |                    | UTM Reliability:         |                                     |    |
| Clear/Cloudy:          |                      |                            |                    |                          |                                     |    |
| PDF URL (Map)          | ):                   | https://d2khazk8e83        | Brdv.cloudfront.ne | et/moe_mapping/downloads | s/2Water/Wells_pdfs/151\1511098.pdf |    |
| Bore Hole Infor        | rmation              |                            |                    |                          |                                     |    |
| Bore Hole ID:          | 100330               | 95                         |                    | Elevation:               | 80.817977                           |    |
| DP2BR:                 | 100                  |                            |                    | Elevrc:                  |                                     |    |
| Spatial Status:        | ŗ                    |                            |                    | Zone:                    | 18                                  |    |
| Code OB:               | r                    |                            |                    | East83:                  | 459370.8                            |    |
| Code OB Desc           | : Bedroc             | k                          |                    | North83:                 | 5030972                             |    |
| Open Hole:             |                      |                            |                    | Org CS:                  |                                     |    |
| Cluster Kind:          |                      |                            |                    | UTMRC:                   | 4                                   |    |
| Date Complete          | ed: 9/12/19          | 070                        |                    | UTMRC Desc:              | margin of error : 30 m - 100 m      |    |
| Remarks:               |                      |                            |                    | Location Method:         | p4                                  |    |
| Elevrc Desc:           |                      |                            |                    |                          |                                     |    |
| Location Source        |                      |                            |                    |                          |                                     |    |
| •                      | ocation Source:      |                            |                    |                          |                                     |    |
| mprovement L           | ocation Method:      |                            |                    |                          |                                     |    |

## Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

| Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2 Desc:<br>Mat3: | 931016669<br>2<br>6<br>BROWN<br>19<br>SLATE |
|--|---|
| Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth:<br>Formation End Depth UOM:                       | 100<br>106<br>ft                            |

| <u>Overburden and Bedrock</u><br>Materials Interval |                 |
|---|-----------------|
| materials interval                                  |                 |
| Formation ID:                                       | 931016668       |
| Layer:  | 1               |
| Color:  |                 |
| General Color:<br>Mat1:                             | BLUE<br>05      |
| Most Common Material:                               | CLAY            |
| Mat2:   |                 |
| Mat2 Desc:  |                 |
| Mat3:   |                 |
| Mat3 Desc:  |                 |
| Formation Top Depth:                                | 0               |
| Formation End Depth:                                | 100             |
| Formation End Depth UOM:                            | ft              |
|   |                 |
| Method of Construction & Well                       |                 |
| <u>Use</u>  |                 |
|   | 201511000       |
| Method Construction ID:                             | 961511098       |
| Method Construction Code:                           | 7<br>Diamond    |
| Method Construction:<br>Other Method Construction:  | Diamond         |
|   |                 |
|   |                 |
| Pipe Information                                    |                 |
| Pipe ID:  | 10581665        |
| Casing No:  | 1               |
| Comment:  |                 |
| Alt Name:   |                 |
|   |                 |
| Construction Record - Casing                        |                 |
| -   |                 |
| Casing ID:  | 930058719       |
| Layer:  | 1               |
| Material:<br>Open Hele er Meterial:                 | 2<br>GALVANIZED |
| <i>Open Hole or Material:<br/>Depth From:</i>       | GALVANIZED      |
| Depth To:   | 104             |
| Casing Diameter:                                    | 2               |
| Casing Diameter UOM:                                | _<br>inch       |
| Casing Depth UOM:                                   | ft              |
|   |                 |
| Construction Record - Casing                        |                 |
| -   |                 |
| Casing ID:  | 930058720       |
| Layer:  | 2               |
| Material:   |                 |
| Open Hole or Material:                              | OPEN HOLE       |
| Depth From:   | 106             |
| Depth To:<br>Casing Diameter:                       | 106             |
| Casing Diameter UOM:                                | inch            |
| Casing Depth UOM:                                   | ft              |
|   |                 |

### Results of Well Yield Testing

| Pump Test ID: |  |
|---------------|--|
| Pump Set At:  |  |

| Мар Кеу                        | Number of<br>Records            | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site               | DE                    |
|--------------------------------|---------------------------------|----------------------------|------------------|--------------------|-----------------------|
| Recommend                      | fter Pumping:<br>ed Pump Depth: | 32<br>50<br>60             |                  |                    |                       |
| Pumping Rate                   |                                 | 10                         |                  |                    |                       |
|                                | ed Pump Rate:                   | 6                          |                  |                    |                       |
| Levels UOM:                    |                                 | ft                         |                  |                    |                       |
| Rate UOM:                      | After Test Code:                | GPM<br>1                   |                  |                    |                       |
| Water State /<br>Water State / |                                 | CLEAR                      |                  |                    |                       |
| Pumping Tes                    |                                 | 1                          |                  |                    |                       |
| Pumping Du                     |                                 | 2                          |                  |                    |                       |
| Pumping Du<br>Flowing:         | ration MIN:                     | 0<br>No                    |                  |                    |                       |
| Draw Down &                    | & Recovery                      |                            |                  |                    |                       |
| Pump Test D                    | etail ID:                       | 934097636                  |                  |                    |                       |
| Test Type:<br>Test Duratio     | n•                              | Draw Down<br>15            |                  |                    |                       |
| Test Level:                    | 1.                              | 45                         |                  |                    |                       |
| Test Level U                   | ОМ:                             | ft                         |                  |                    |                       |
| Draw Down &                    | & Recovery                      |                            |                  |                    |                       |
| Pump Test D                    | etail ID:                       | 934899706                  |                  |                    |                       |
| Test Type:                     |                                 | Draw Down                  |                  |                    |                       |
| Test Duratio<br>Test Level:    | า:                              | 60<br>50                   |                  |                    |                       |
| Test Level U                   | ОМ:                             | ft                         |                  |                    |                       |
| Draw Down 8                    | & Recovery                      |                            |                  |                    |                       |
| Pump Test D<br>Test Type:      | etail ID:                       | 934380649<br>Draw Down     |                  |                    |                       |
| Test Type:<br>Test Duration    | n:                              | 30                         |                  |                    |                       |
| Test Level:                    |                                 | 50                         |                  |                    |                       |
| Test Level U                   | ОМ:                             | ft                         |                  |                    |                       |
| Draw Down &                    | <u>&amp; Recovery</u>           |                            |                  |                    |                       |
| Pump Test D                    | etail ID:                       | 934642782                  |                  |                    |                       |
| Test Type:                     |                                 | Draw Down                  |                  |                    |                       |
| Test Duration<br>Test Level:   | 1.                              | 45<br>50                   |                  |                    |                       |
| Test Level U                   | ОМ:                             | ft                         |                  |                    |                       |
| <u>Water Details</u>           | 2                               |                            |                  |                    |                       |
| Water ID:                      |                                 | 933466165                  |                  |                    |                       |
| Layer:<br>Kind Code:           |                                 | 1                          |                  |                    |                       |
| Kind:                          |                                 | FRESH                      |                  |                    |                       |
| Water Found<br>Water Found     | Depth:<br>Depth UOM:            | 106<br>ft                  |                  |                    |                       |
| <u>3</u>                       | 1 of 1                          | ESE/1.1                    | 80.7/-0.20       | lot 6 con 3<br>ON  | WWIS                  |
| Well ID:                       | 15107                           | '18                        |                  | Data Entry Status: |                       |
| Construction                   |                                 |                            |                  | Data Src: 1        |                       |
| 20                             | erisinfo.com   En               | vironmental Risk Info      | rmation Servic   | es                 | Order No: 21031000068 |

| Мар Кеу        | Numbe<br>Record |            | <i>Direction/<br/>Distance (m)</i> | Elev/Diff<br>(m) | Site             |                     | DB |
|----------------|-----------------|------------|------------------------------------|------------------|------------------|---------------------|----|
| Primary Wate   | er Use:         | Domestic   |                                    |                  | Date Received:   | 2/23/1971           |    |
| Sec. Water U   | se:             | 0          |                                    |                  | Selected Flag:   | Yes                 |    |
| Final Well Sta | atus:           | Water Supp | ly                                 |                  | Abandonment Rec: |                     |    |
| Water Type:    |                 |            | -                                  |                  | Contractor:      | 1504                |    |
| Casing Mater   | rial:           |            |                                    |                  | Form Version:    | 1                   |    |
| Audit No:      |                 |            |                                    |                  | Owner:           |                     |    |
| Tag:           |                 |            |                                    |                  | Street Name:     |                     |    |
| Construction   | Method:         |            |                                    |                  | County:          | OTTAWA              |    |
| Elevation (m)  | ):              |            |                                    |                  | Municipality:    | GLOUCESTER TOWNSHIP |    |
| Elevation Rel  | liability:      |            |                                    |                  | Site Info:       |                     |    |
| Depth to Bed   | lrock:          |            |                                    |                  | Lot:             | 006                 |    |
| Well Depth:    |                 |            |                                    |                  | Concession:      | 03                  |    |
| Overburden/    | Bedrock:        |            |                                    |                  | Concession Name: | OF                  |    |
| Pump Rate:     |                 |            |                                    |                  | Easting NAD83:   |                     |    |
| Static Water   | Level:          |            |                                    |                  | Northing NAD83:  |                     |    |
| Flowing (Y/N   | ):              |            |                                    |                  | Zone:            |                     |    |
| Flow Rate:     | •               |            |                                    |                  | UTM Reliability: |                     |    |
| Clear/Cloudy   | r:              |            |                                    |                  | -                |                     |    |

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/151\1510718.pdf

### Bore Hole Information

| Bore Hole ID:<br>DP2BR:<br>Spatial Status:<br>Code OB:<br>Code OB Desc:<br>Open Hole:<br>Cluster Kind:<br>Date Completed:<br>Remarks:<br>Elevrc Desc:<br>Location Source Date:<br>Improvement Location S<br>Improvement Location S<br>Source Revision Comm<br>Supplier Comment: | Method:   |   | Elevation:<br>Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:<br>Location Method: | 82.146499<br>18<br>459450.8<br>5031022<br>4<br>margin of error : 30 m - 100 m<br>p4 |
|---|-----------|---|---|---|
| <u>Overburden and Bedroo<br/>Materials Interval</u>   | <u>:k</u> |   |   |   |
| Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3:   |           | 931015646<br>2<br>3<br>BLUE<br>05<br>CLAY |   |   |
| <i>Mat3 Desc:<br/>Formation Top Depth:<br/>Formation End Depth:<br/>Formation End Depth U</i>   | ОМ:       | 6<br>100<br>ft                            |   |   |
| <u>Overburden and Bedroc</u><br><u>Materials Interval</u>   | <u>:k</u> |   |   |   |
| Formation ID:<br>Layer:<br>Color:<br>General Color:   |           | 931015645<br>1<br>5<br>YELLOW             |   |   |

| Мар Кеу   | Number of<br>Records                             | Direction/<br>Distance (m)      | Elev/Diff<br>(m) | Site | I | ЭB |
|---|--|---------------------------------|------------------|------|---|----|
| Mat1:<br>Most Commo<br>Mat2:<br>Mat2 Desc:      | on Material:                                     | 09<br>MEDIUM SAND<br>01<br>FILL |                  |      |   |    |
| Mat3:<br>Mat3 Desc:                             |  |                                 |                  |      |   |    |
| Formation To                                    |  | 0                               |                  |      |   |    |
| Formation El<br>Formation El                    | nd Depth:<br>nd Depth UOM:                       | 6<br>ft                         |                  |      |   |    |
| <u>Overburden a</u><br>Materials Inte           | and Bedrock<br>erval                             |                                 |                  |      |   |    |
| Formation ID                                    | ):   | 931015647                       |                  |      |   |    |
| Layer:<br>Color:                                |  | 3<br>6                          |                  |      |   |    |
| General Colo<br>Mat1:                           | or:  | BROWN<br>19                     |                  |      |   |    |
| Mat1:<br>Most Commo<br>Mat2:<br>Mat2 Desc:      | on Material:                                     | SLATE                           |                  |      |   |    |
| Mat3:   |  |                                 |                  |      |   |    |
| Mat3 Desc:<br>Formation To                      | op Depth:  | 100                             |                  |      |   |    |
| Formation E                                     | nd Depth:  | 108                             |                  |      |   |    |
| Formation E                                     | nd Depth UOM:                                    | ft                              |                  |      |   |    |
| <u>Method of Co<br/>Use</u>                     | onstruction & Well                               |                                 |                  |      |   |    |
| Method Cons                                     |  | 961510718                       |                  |      |   |    |
| Method Cons                                     | struction Code:<br>struction:<br>d Construction: | 7<br>Diamond                    |                  |      |   |    |
| <u>Pipe Informa</u>                             | <u>tion</u>                                      |                                 |                  |      |   |    |
| Pipe ID:<br>Casing No:<br>Comment:<br>Alt Name: |  | 10581305<br>1                   |                  |      |   |    |
| <u>Construction</u>                             | Record - Casing                                  |                                 |                  |      |   |    |
| Casing ID:                                      |  | 930058037                       |                  |      |   |    |
| Layer:<br>Material:                             |  | 2<br>4                          |                  |      |   |    |
| Open Hole of                                    |  | OPEN HOLE                       |                  |      |   |    |
| Depth From:<br>Depth To:                        |  | 108                             |                  |      |   |    |
| Casing Diam<br>Casing Diam                      | eter:<br>eter UOM <sup>.</sup>                   | inch                            |                  |      |   |    |
| Casing Dept                                     | h UOM:   | ft                              |                  |      |   |    |
| <u>Construction</u>                             | Record - Casing                                  |                                 |                  |      |   |    |
| Casing ID:                                      |  | 930058036                       |                  |      |   |    |
| Layer:<br>Material:                             |  | 1<br>2                          |                  |      |   |    |
| Open Hole of                                    |  | GALVANIZED                      |                  |      |   |    |
| Depth From:<br>Depth To:                        |  | 102                             |                  |      |   |    |

| Мар Кеу                                      | Number of<br>Records            | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--|---------------------------------|----------------------------|------------------|------|----|
| Casing Diame<br>Casing Diame<br>Casing Depth | eter UOM:                       | 2<br>inch<br>ft            |                  |      |    |
| Results of We                                | ell Yield Testing               |                            |                  |      |    |
| Pump Test ID<br>Pump Set At:                 |                                 | 991510718                  |                  |      |    |
| Static Level:                                | (                               | 33                         |                  |      |    |
|  | fter Pumping:<br>ed Pump Depth: | 36<br>50                   |                  |      |    |
| Pumping Rate                                 | e:                              | 10                         |                  |      |    |
|  | ed Pump Rate:                   | 6                          |                  |      |    |
| Levels UOM:                                  |                                 | ft                         |                  |      |    |
| Rate UOM:                                    |                                 | GPM                        |                  |      |    |
|  | fter Test Code:                 | 1                          |                  |      |    |
| Water State A                                |                                 | CLEAR                      |                  |      |    |
| Pumping Tes                                  |                                 | 1                          |                  |      |    |
| Pumping Dur<br>Pumping Dur                   | ation HR:<br>ation MN:          | 2<br>0                     |                  |      |    |
| Flowing:                                     |                                 | No                         |                  |      |    |
| <u>Draw Down 8</u>                           | Recovery                        |                            |                  |      |    |
| Pump Test De                                 | etail ID:                       | 934097309                  |                  |      |    |
| Test Type:                                   |                                 | Draw Down                  |                  |      |    |
| Test Duration                                | :                               | 15                         |                  |      |    |
| Test Level:                                  |                                 | 36                         |                  |      |    |
| Test Level UC                                | DM:                             | ft                         |                  |      |    |
| <u>Draw Down &amp;</u>                       | Recovery                        |                            |                  |      |    |
| Pump Test D                                  | etail ID:                       | 934897989                  |                  |      |    |
| Test Type:                                   |                                 | Draw Down                  |                  |      |    |
| Test Duration                                | :                               | 60                         |                  |      |    |
| Test Level:                                  |                                 | 36                         |                  |      |    |
| Test Level UC                                | DM:                             | ft                         |                  |      |    |
| <u>Draw Down &amp;</u>                       | Recovery                        |                            |                  |      |    |
| Pump Test D                                  | etail ID:                       | 934641203                  |                  |      |    |
| Test Type:                                   |                                 | Draw Down                  |                  |      |    |
| Test Duration                                |                                 | 45                         |                  |      |    |
| Test Level:                                  |                                 | 36                         |                  |      |    |
| Test Level UC                                | DM:                             | ft                         |                  |      |    |
| <u>Draw Down 8</u>                           | Recovery                        |                            |                  |      |    |
| Pump Test D                                  | etail ID:                       | 934380044                  |                  |      |    |
| Test Type:                                   |                                 | Draw Down                  |                  |      |    |
| Test Duration                                |                                 | 30                         |                  |      |    |
| Test Level:                                  |                                 | 36                         |                  |      |    |
| Test Level UC                                | DIM:                            | ft                         |                  |      |    |
| Water Details                                |                                 |                            |                  |      |    |
| Water ID:                                    |                                 | 933465751                  |                  |      |    |
| Layer:                                       |                                 | 1                          |                  |      |    |
| Kind Code:                                   |                                 | 1                          |                  |      |    |
| Kind:  |                                 | FRESH                      |                  |      |    |

|   | Number<br>Records   |   | Direction/<br>Distance (m)         | Elev/Diff<br>(m) | Site  |                        | DE   |
|---|---|---|------------------------------------|------------------|---|------------------------|------|
| Vater Found<br>Vater Found  | d Depth:<br>d Depth UON   | Л:  | 108<br>ft                          |                  |   |                        |      |
| <u>4</u>  | 1 of 1  |   | ESE/1.2                            | 80.7/-0.20       | ON  |                        | BORE |
|   |   |   |                                    |                  | -   |                        |      |
| Borehole ID:<br>OGF ID:   | :   | 615095<br>2155160   | 27                                 |                  | Inclin FLG:<br>SP Status:   | No<br>Initial Entry    |      |
| Status:   |   | 2155160   | 37                                 |                  | SP Status:<br>Surv Elev:  | Initial Entry<br>No    |      |
| Type:   |   | Borehole  | 9                                  |                  | Piezometer:   | No                     |      |
| Use:  |   |   |                                    |                  | Primary Name:   |                        |      |
| Completion  | Date:   | DEC-197   | 70                                 |                  | Municipality:   |                        |      |
| Static Water  |   |   |                                    |                  | Lot:  |                        |      |
| Primary Wat   |   |   |                                    |                  | Township:   | 45 404540              |      |
| Sec. Water U<br>Total Depth   |   | 32.9  |                                    |                  | Latitude DD:<br>Longitude DD:   | 45.431546<br>-75.51839 |      |
| Depth Ref:  |   | Ground S  | Surface                            |                  | UTM Zone:   | 18                     |      |
| Depth Elev:   |   | Cround  | Junaco                             |                  | Easting:  | 459451                 |      |
| Drill Method  | :   |   |                                    |                  | Northing:   | 5031022                |      |
| Orig Ground   |   | 82.3  |                                    |                  | Location Accuracy:  |                        |      |
| Elev Reliabil   |   |   |                                    |                  | Accuracy:   | Not Applicable         |      |
| DEM Ground  |   | 82.2  |                                    |                  |   |                        |      |
| Concession:<br>Location D:  | -   |   |                                    |                  |   |                        |      |
| Survey D:   |   |   |                                    |                  |   |                        |      |
| Comments:   |   |   |                                    |                  |   |                        |      |
| Geology Stra<br>Top Depth:<br>Bottom Dept   | th:   | 2184004<br>1.8<br>30.5  | 04                                 |                  | Mat Consistency:<br>Material Moisture:<br>Material Texture:   |                        |      |
| Top Depth:<br>Bottom Dept<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:  | th:<br>or:  | 1.8<br>30.5<br>Blue<br>Clay   | 04                                 |                  | Material Moisture:  |                        |      |
| Top Depth:  | th:<br>or:<br>I Descriptior   | 1.8<br>30.5<br>Blue<br>Clay   | 04<br>CLAY. BLUE.                  |                  | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:  |                        |      |
| Top Depth:<br>Bottom Dept<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 3:<br>Gsc Material<br>Stratum Des<br>Geology Stra   | th:<br>or:<br>I Descriptior<br>scription:   | 1.8<br>30.5<br>Blue<br>Clay<br><b>n:</b><br>2184004   | CLAY. BLUE.                        |                  | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:   |                        |      |
| Top Depth:<br>Bottom Dept<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 3:<br>Gsc Material<br>Stratum Des<br>Geology Stra<br>Top Depth:   | th:<br>or:<br>I Descriptior<br>scription:<br>atum ID:   | 1.8<br>30.5<br>Blue<br>Clay<br><b>n:</b><br>2184004<br>0  | CLAY. BLUE.                        |                  | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:   |                        |      |
| Top Depth:<br>Bottom Dept<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material<br>Stratum Des<br>Geology Stra<br>Top Depth:<br>Bottom Dept  | th:<br>or:<br>I Descriptior<br>cription:<br>atum ID:<br>th:   | 1.8<br>30.5<br>Blue<br>Clay<br><b>n:</b><br>2184004<br>0<br>1.8   | CLAY. BLUE.                        |                  | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:  |                        |      |
| Top Depth:<br>Bottom Dept<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material<br>Stratum Des<br>Geology Stra<br>Top Depth:<br>Bottom Dept  | th:<br>or:<br>I Descriptior<br>cription:<br>atum ID:<br>th:   | 1.8<br>30.5<br>Blue<br>Clay<br><b>n:</b><br>2184004<br>0  | CLAY. BLUE.                        |                  | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:   |                        |      |
| Top Depth:<br>Bottom Dept<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 3:<br>Gsc Material<br>Stratum Des<br>Geology Stra<br>Top Depth:<br>Bottom Dept<br>Material Colo<br>Material 1:<br>Material 2:   | th:<br>or:<br>I Descriptior<br>scription:<br>atum ID:<br>th:  | 1.8<br>30.5<br>Blue<br>Clay<br>7:<br>2184004<br>0<br>1.8<br>Yellow  | CLAY. BLUE.                        |                  | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:   |                        |      |
| Top Depth:<br>Bottom Dept<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 3:<br>Gsc Material<br>Stratum Des<br>Geology Stra<br>Top Depth:<br>Bottom Dept<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:  | th:<br>or:<br>I Descriptior<br>scription:<br>atum ID:<br>th:  | 1.8<br>30.5<br>Blue<br>Clay<br>7:<br>2184004<br>0<br>1.8<br>Yellow<br>Sand  | CLAY. BLUE.                        |                  | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:   |                        |      |
| Top Depth:<br>Bottom Dept<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 3:<br>Gsc Material<br>Stratum Des<br>Geology Stra<br>Top Depth:<br>Bottom Dept<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:  | th:<br>or:<br>I Descriptior<br>scription:<br>atum ID:<br>th:<br>or:   | 1.8<br>30.5<br>Blue<br>Clay<br>2184004<br>0<br>1.8<br>Yellow<br>Sand<br>Fill  | CLAY. BLUE.                        |                  | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:   |                        |      |
| Top Depth:<br>Bottom Dept<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 3:<br>Gsc Material<br>Stratum Des<br>Geology Stra<br>Geology Stra<br>Geology Stra<br>Gotom Depth:<br>Bottom Depth<br>Material Colo<br>Material 1:<br>Material 3:<br>Material 3:<br>Gsc Material   | th:<br>or:<br>I Descriptior<br>scription:<br>atum ID:<br>th:<br>or:<br>I Descriptior                                | 1.8<br>30.5<br>Blue<br>Clay<br>2184004<br>0<br>1.8<br>Yellow<br>Sand<br>Fill  | CLAY. BLUE.                        |                  | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:<br>Material Moisture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:  |                        |      |
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| Top Depth:<br>Bottom Dept<br>Material Colo<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material 4:<br>Bottom Dept<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 4:<br>Gsc Material<br>Stratum Des<br>Geology Stra   | th:<br>or:<br>I Descriptior<br>cription:<br>atum ID:<br>th:<br>or:<br>I Descriptior<br>cription:                    | 1.8<br>30.5<br>Blue<br>Clay<br>2184004<br>0<br>1.8<br>Yellow<br>Sand<br>Fill  | CLAY. BLUE.<br>03<br>SAND. YELLOW. |                  | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:<br>Material Moisture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:  |                        |      |
| Top Depth:<br>Bottom Dept<br>Material Colo<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material<br>Stratum Des<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material<br>Stratum Des<br>Geology Stra<br>Top Depth:  | th:<br>or:<br>I Descriptior<br>cription:<br>atum ID:<br>th:<br>or:<br>I Descriptior<br>cription:<br>atum ID:        | 1.8<br>30.5<br>Blue<br>Clay<br>2184004<br>0<br>1.8<br>Yellow<br>Sand<br>Fill<br>2184004   | CLAY. BLUE.<br>03<br>SAND. YELLOW. |                  | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:  |                        |      |
| Top Depth:<br>Bottom Dept<br>Material Colo<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Gsc Material<br>Stratum Des<br>Geology Stra<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 4:<br>Gsc Material<br>Stratum Des<br>Geology Stra<br>Top Depth:<br>Bottom Dept  | th:<br>or:<br>I Descriptior<br>cription:<br>atum ID:<br>th:<br>or:<br>I Descriptior<br>cription:<br>atum ID:<br>th: | 1.8<br>30.5<br>Blue<br>Clay<br>7:<br>2184004<br>0<br>1.8<br>Yellow<br>Sand<br>Fill<br>7:<br>2184004<br>30.5<br>32.9<br>Brown          | CLAY. BLUE.<br>03<br>SAND. YELLOW. |                  | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:  |                        |      |
| Top Depth:<br>Bottom Dept<br>Material Colo<br>Material Colo<br>Material 2:<br>Material 2:<br>Material 3:<br>Gsc Material<br>Stratum Des<br>Geology Stra<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 3:<br>Stratum Des<br>Geology Stra<br>Top Depth:<br>Bottom Dept<br>Material Colo<br>Material Colo<br>Material Colo<br>Material Colo  | th:<br>or:<br>I Descriptior<br>cription:<br>atum ID:<br>th:<br>or:<br>I Descriptior<br>cription:<br>atum ID:<br>th: | 1.8<br>30.5<br>Blue<br>Clay<br>7:<br>2184004<br>0<br>1.8<br>Yellow<br>Sand<br>Fill<br>7:<br>2184004<br>30.5<br>32.9                   | CLAY. BLUE.<br>03<br>SAND. YELLOW. |                  | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:  |                        |      |
| Top Depth:<br>Bottom Dept<br>Material Colo<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material<br>Stratum Des<br>Material Colo<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Stratum Des<br>Geology Stra<br>Top Depth:<br>Bottom Dept<br>Material Colo<br>Material Colo<br>Material 1:<br>Material 2:   | th:<br>or:<br>I Descriptior<br>cription:<br>atum ID:<br>th:<br>or:<br>I Descriptior<br>cription:<br>atum ID:<br>th: | 1.8<br>30.5<br>Blue<br>Clay<br>7:<br>2184004<br>0<br>1.8<br>Yellow<br>Sand<br>Fill<br>7:<br>2184004<br>30.5<br>32.9<br>Brown          | CLAY. BLUE.<br>03<br>SAND. YELLOW. |                  | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Formation:<br>Geologic Formation:  |                        |      |
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| Top Depth:<br>Bottom Dept<br>Material Colo<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 2:<br>Material 3:<br>Gsc Material<br>Stratum Des<br>Material Colo<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Stratum Des<br>Geology Stra<br>Top Depth:<br>Bottom Dept<br>Material Colo<br>Material Colo<br>Material 1:<br>Material 2:                                | th:<br>or:<br>I Descriptior<br>cription:<br>atum ID:<br>th:<br>or:<br>atum ID:<br>th:<br>or:                        | 1.8<br>30.5<br>Blue<br>Clay<br>7:<br>2184004<br>0<br>1.8<br>Yellow<br>Sand<br>Fill<br>7:<br>2184004<br>30.5<br>32.9<br>Brown<br>Slate | CLAY. BLUE.<br>03<br>SAND. YELLOW. |                  | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Formation:<br>Geologic Formation:  | organic                |      |

| Мар Кеу   | Number<br>Records   |  | Direction/<br>Distance (m                   | Elev/Diff<br>ı) (m)                               | Site  |   | DB   |
|---|---|--|---|---|---|---|------|
| <u>Source</u>   |   |  |   |   |   |   |      |
| Source Typ<br>Source Orig<br>Source Dat<br>Confidence<br>Observatio<br>Source Nar<br>Source Det<br>Confiden 1   | g:<br>te:<br>e:<br>::<br>::<br>me:<br>tails:  | Data Surv<br>Geologica<br>1956-197         | al Survey of Canad<br>72<br>Urban Geology A | da<br>Automated Informatio<br>Ext RecordID: 07603 |   | Spatial/Tabular<br>1<br>Varies<br>NAD27<br>Mean Average Sea Level   |      |
| Source Lis  | t   |  |   |   |   |   |      |
| Source Ide<br>Source Typ<br>Source Dat  | be:<br>te:  | 1<br>Data Surv<br>1956-197                 |   |   | Horizontal Datum:<br>Vertical Datum:<br>Projection Name:  | NAD27<br>Mean Average Sea Level<br>Universal Transverse Mercator  |      |
| Scale or Re<br>Source Nar<br>Source Orig  | me:   | Varies                                     | Urban Geology A<br>Geological Surve         | Automated Information                             | on System (UGAIS)   |   |      |
| <u>5</u>  | 1 of 1  |  | W/5.2                                       | 79.9 / -1.00                                      | 2973 Navan Rd<br>Ottawa ON K1C7G4   |   | EHS  |
| Order No:<br>Status:<br>Report Typ<br>Report Date   |   | 20161014<br>C<br>Standard<br>21-OCT-1      | Report                                      |   | Nearest Intersection:<br>Municipality:<br>Client Prov/State:<br>Search Radius (km):   | ON<br>.25   |      |
| Date Recei<br>Previous S<br>Lot/Buildin<br>Additional   | ite Name:   | 14-OCT-1                                   |   |   | X:<br>Y:  | -75.523257<br>45.431974   |      |
| Previous S<br>Lot/Buildin   | ite Name:<br>g Size:  |  |   | 79.9/-1.00  | X:  | 45.431974   | wwis |
| Previous S<br>Lot/Buildin<br>Additional<br><u>6</u><br>Well ID:<br>Constructio  | ite Name:<br>g Size:<br>Info Ordered:<br>1 of 1<br>on Date:   |  | 16<br>WSW/11.8                              | 79.9 / -1.00                                      | X:<br>Y:<br>2968 NAVAW RD lot 6<br>GLOUCESTER ON<br>Data Entry Status:<br>Data Src:   | 45.431974<br>6 con 3  | wwis |
| Previous S<br>Lot/Buildin<br>Additional<br><u>6</u><br>Well ID:<br>Constructio<br>Primary Wa<br>Sec. Water  | ite Name:<br>Info Ordered:<br>1 of 1<br>0 Date:<br>ater Use:<br>Use:  | 7163106<br>Domestic                        | 16<br><b>WSW/11.8</b>                       | 79.9 / -1.00                                      | X:<br>Y:<br>2968 NAVAW RD lot 6<br>GLOUCESTER ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:   | 45.431974   | wwis |
| Previous S<br>Lot/Buildin<br>Additional<br><u>6</u><br>Well ID:<br>Constructio<br>Primary Wa<br>Sec. Water<br>Final Well S<br>Water Type<br>Casing Mat  | ite Name:<br>Ig Size:<br>Info Ordered:<br>1 of 1<br>on Date:<br>ater Use:<br>Use:<br>Status:<br>2:  | 7163106<br>Domestic<br>Water Su            | 16<br><i>WSW/11.8</i><br>c                  | 79.9 / -1.00                                      | X:<br>Y:<br>2968 NAVAW RD lot 6<br>GLOUCESTER ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:   | 45.431974<br>6 con 3<br>5/13/2011   | wwis |
| Previous S<br>Lot/Buildin<br>Additional<br>Additional<br>Constructio<br>Primary Wa<br>Sec. Water<br>Final Well S<br>Water Type<br>Casing Mat<br>Audit No:<br>Tag:<br>Constructio<br>Elevation (i<br>Elevation Fi<br>Depth to Bo   | ite Name:<br>g Size:<br>Info Ordered:<br>1 of 1<br>on Date:<br>ater Use:<br>Use:<br>Status:<br>s:<br>terial:<br>on Method:<br>m):<br>Reliability:<br>edrock:  | 7163106<br>Domestic                        | 16<br><i>WSW/11.8</i><br>upply              | 79.9/-1.00  | X:<br>Y:<br>Y:<br>2968 NAVAW RD lot 0<br>GLOUCESTER ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:   | 45.431974<br><b>6 con 3</b><br>5/13/2011<br>Yes<br>6006<br>7<br>2968 NAVAW RD<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>006             | wwis |
| Previous S<br>Lot/Buildin<br>Additional<br>E<br>Mell ID:<br>Construction<br>Primary Wa<br>Sec. Water<br>Final Well S<br>Water Type<br>Casing Mat<br>Audit No:<br>Tag:<br>Construction<br>Elevation fu<br>Elevation fu<br>Elevation F<br>Depth to Bo<br>Well Depth   | ite Name:<br>Ig Size:<br>Info Ordered:<br>1 of 1<br>on Date:<br>ater Use:<br>Use:<br>Status:<br>Status:<br>terial:<br>on Method:<br>m):<br>Reliability:<br>edrock:<br>:<br>n/Bedrock:<br>:<br>r<br>Level:<br>/N):   | 7163106<br>Domestic<br>Water Su<br>Z125162 | 16<br><i>WSW/11.8</i><br>upply              | 79.9/-1.00  | X:<br>Y:<br>Y:<br>2968 NAVAW RD lot 6<br>GLOUCESTER ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:   | 45.431974<br><b>6 con 3</b><br>5/13/2011<br>Yes<br>6006<br>7<br>2968 NAVAW RD<br>OTTAWA<br>GLOUCESTER TOWNSHIP                    | WWIS |
| Previous S<br>Lot/Buildin<br>Additional<br>Additional<br>Mell ID:<br>Construction<br>Primary Wa<br>Sec. Water<br>Final Well S<br>Water Type<br>Casing Mate<br>Audit No:<br>Tag:<br>Construction<br>Flevation (I<br>Elevation (I<br>Elevation F<br>Depth to Ba<br>Well Depth<br>Overburded<br>Pump Rate<br>Static Wate<br>Flowing (Y)<br>Flow Rate:  | ite Name:<br>g Size:<br>Info Ordered:<br>1 of 1<br>on Date:<br>ater Use:<br>Use:<br>Status:<br>status:<br>terial:<br>on Method:<br>m):<br>edrock:<br>:<br>m/Bedrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>: | 7163106<br>Domestic<br>Water Su<br>Z125162 | 16<br>WSW/11.8                              |   | X:<br>Y:<br>Y:<br>2968 NAVAW RD lot 0<br>GLOUCESTER ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | 45.431974<br><b>6 con 3</b><br>5/13/2011<br>Yes<br>6006<br>7<br>2968 NAVAW RD<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>006<br>03       | WWIS |
| Previous S<br>Lot/Buildin<br>Additional<br>Construction<br>Primary Wa<br>Sec. Water<br>Final Well S<br>Water Type<br>Casing Mat<br>Audit No:<br>Tag:<br>Construction<br>Elevation (I<br>Elevation fa<br>Elevation fa<br>Elevation fa<br>Elevation fa<br>Elevation fa<br>Elevation fa<br>Elevation fa<br>Elevation fa<br>Elevation fa<br>Elevation fa<br>Construction<br>Elevation fa<br>Elevation fa<br>Elevation fa<br>Elevation fa<br>Construction<br>Elevation fa<br>Elevation fa<br>Construction<br>Flow Rate:<br>Clear/Cloud<br>PDF URL (I | ite Name:<br>g Size:<br>Info Ordered:<br>1 of 1<br>on Date:<br>ater Use:<br>Use:<br>Status:<br>status:<br>terial:<br>on Method:<br>m):<br>edrock:<br>:<br>m/Bedrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>triality:<br>edrock:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>: | 7163106<br>Domestic<br>Water Su<br>Z125162 | 16<br>WSW/11.8                              |   | X:<br>Y:<br>Y:<br>2968 NAVAW RD lot 0<br>GLOUCESTER ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | 45.431974<br>6 <b>con 3</b><br>5/13/2011<br>Yes<br>6006<br>7<br>2968 NAVAW RD<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>006<br>03<br>OF | WWIS |

|  | Number of<br>Records   | Direction/<br>Distance (m)   | Elev/Diff<br>(m) | Site             |                             | DE |
|--|--|--|------------------|------------------|-----------------------------|----|
| Spatial Status   | <u>e</u> ,   |  |                  | Zone:            | 18                          |    |
| Code OB:   | 3.   |  |                  | East83:          |                             |    |
|  |  |  |                  |                  | 459137                      |    |
| Code OB Des  | SC:  |  |                  | North83:         | 5031046                     |    |
| Open Hole:   |  |  |                  | Org CS:          | UTM83                       |    |
| Cluster Kind:  |  |  |                  | UTMRC:           | 3                           |    |
|  |  | 24.4   |                  |                  |                             |    |
| Date Complet   | ted: 4/14/20   | JII  |                  | UTMRC Desc:      | margin of error : 10 - 30 m |    |
| Remarks:   |  |  |                  | Location Method: | wwr                         |    |
| Elevrc Desc:   |  |  |                  |                  |                             |    |
| Location Sou   | ırce Date:   |  |                  |                  |                             |    |
|  | t Location Source:   |  |                  |                  |                             |    |
|  |  |  |                  |                  |                             |    |
|  | t Location Method:   |  |                  |                  |                             |    |
|  | sion Comment:  |  |                  |                  |                             |    |
| Supplier Com   | nment:   |  |                  |                  |                             |    |
| <u>Overburden a</u>  |  |  |                  |                  |                             |    |
| <u>Materials Inte</u>  | erval  |  |                  |                  |                             |    |
| Formation ID   | :  | 1003821861   |                  |                  |                             |    |
| Layer:   |  | 6  |                  |                  |                             |    |
| Color:   |  | 6  |                  |                  |                             |    |
|  |  |  |                  |                  |                             |    |
| General Colo   | и.   | BROWN  |                  |                  |                             |    |
| Mat1:  |  | 17   |                  |                  |                             |    |
| Most Commo   | on Material:   | SHALE  |                  |                  |                             |    |
| Mat2:  |  |  |                  |                  |                             |    |
| Mat2 Desc:   |  |  |                  |                  |                             |    |
| Mat3:  |  | 73   |                  |                  |                             |    |
|  |  |  |                  |                  |                             |    |
| Mat3 Desc:   |  | HARD   |                  |                  |                             |    |
| Formation To   |  | 34.55  |                  |                  |                             |    |
| Formation En   | nd Depth:  | 36.36  |                  |                  |                             |    |
|  | nd Depth UOM:  | m  |                  |                  |                             |    |
| Materials Inte   |  | 4000004050   |                  |                  |                             |    |
| Formation ID   | 2  | 1003821856   |                  |                  |                             |    |
| Layer:   |  | 1  |                  |                  |                             |    |
| Color:   |  | 5  |                  |                  |                             |    |
| General Colo   | or:  | YELLOW   |                  |                  |                             |    |
| Mat1:  |  | 28   |                  |                  |                             |    |
|  |  |  |                  |                  |                             |    |
|  | n Matarial:  |  |                  |                  |                             |    |
| Most Commo   | on Material:   | SAND   |                  |                  |                             |    |
| Most Commo<br>Mat2:  | on Material:   |  |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:  | on Material:   | SAND   |                  |                  |                             |    |
| Most Commo   | on Material:   |  |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3:   | on Material:   | SAND   |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:   |  | SAND<br>85<br>SOFT   |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation To   | op Depth:  | SAND<br>85<br>SOFT<br>0  |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation To<br>Formation En   | op Depth:<br>nd Depth:   | SAND<br>85<br>SOFT<br>0<br>1.52  |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation To<br>Formation En   | op Depth:  | SAND<br>85<br>SOFT<br>0  |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To<br>Formation En<br>Overburden a  | op Depth:<br>nd Depth:<br>nd Depth UOM:<br>and Bedrock   | SAND<br>85<br>SOFT<br>0<br>1.52  |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To<br>Formation En<br>Formation En<br><u>Overburden a</u><br><u>Materials Inte</u>  | op Depth:<br>nd Depth:<br>nd Depth UOM:<br>and Bedrock<br>erval  | 85<br>SOFT<br>0<br>1.52<br>m   |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To<br>Formation En<br>Formation En<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID.   | op Depth:<br>nd Depth:<br>nd Depth UOM:<br>and Bedrock<br>erval  | SAND<br>85<br>SOFT<br>0<br>1.52<br>m   |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To<br>Formation Er<br>Formation Er<br>Overburden a<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID.<br>Layer:   | op Depth:<br>nd Depth:<br>nd Depth UOM:<br>and Bedrock<br>erval  | SAND<br>85<br>SOFT<br>0<br>1.52<br>m<br>1003821858<br>3  |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To<br>Formation Er<br>Formation Er<br>Overburden a<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID.<br>Layer:   | op Depth:<br>nd Depth:<br>nd Depth UOM:<br>and Bedrock<br>erval  | SAND<br>85<br>SOFT<br>0<br>1.52<br>m<br>1003821858<br>3<br>2                                     |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To<br>Formation En<br>Formation En<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID<br>Layer:<br>Color:  | op Depth:<br>nd Depth:<br>nd Depth UOM:<br>and Bedrock<br>erval  | SAND<br>85<br>SOFT<br>0<br>1.52<br>m<br>1003821858<br>3<br>2                                     |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To<br>Formation En<br>Formation En<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID<br>Layer:<br>Color:<br>General Colo  | op Depth:<br>nd Depth:<br>nd Depth UOM:<br>and Bedrock<br>erval  | SAND<br>85<br>SOFT<br>0<br>1.52<br>m<br>1003821858<br>3<br>2<br>GREY                             |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To<br>Formation En<br>Formation En<br>Overburden a<br>Materials Inte<br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:   | op Depth:<br>nd Depth:<br>nd Depth UOM:<br>and Bedrock<br>erval<br>:   | SAND<br>85<br>SOFT<br>0<br>1.52<br>m<br>1003821858<br>3<br>2<br>GREY<br>05                       |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To<br>Formation En<br>Formation En<br>Overburden a<br>Materials Inte<br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo                                       | op Depth:<br>nd Depth:<br>nd Depth UOM:<br>and Bedrock<br>erval<br>:   | SAND<br>85<br>SOFT<br>0<br>1.52<br>m<br>1003821858<br>3<br>2<br>GREY                             |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To<br>Formation En<br>Formation En<br>Overburden a<br>Materials Inte<br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo<br>Mat2:                              | op Depth:<br>nd Depth:<br>nd Depth UOM:<br>and Bedrock<br>erval<br>:   | SAND<br>85<br>SOFT<br>0<br>1.52<br>m<br>1003821858<br>3<br>2<br>GREY<br>05                       |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To<br>Formation En<br>Formation En<br>Overburden a<br>Materials Inte<br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo<br>Mat2:                              | op Depth:<br>nd Depth:<br>nd Depth UOM:<br>and Bedrock<br>erval<br>:   | SAND<br>85<br>SOFT<br>0<br>1.52<br>m<br>1003821858<br>3<br>2<br>GREY<br>05                       |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To<br>Formation En<br>Formation En<br>Overburden a<br>Materials Inte<br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo<br>Mat2:<br>Mat2 Desc:                | op Depth:<br>nd Depth:<br>nd Depth UOM:<br>and Bedrock<br>erval<br>:   | SAND<br>85<br>SOFT<br>0<br>1.52<br>m<br>1003821858<br>3<br>2<br>GREY<br>05                       |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To<br>Formation En<br>Formation En<br>Overburden a<br>Materials Inte<br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3:       | op Depth:<br>nd Depth:<br>nd Depth UOM:<br>and Bedrock<br>erval<br>:   | SAND<br>85<br>SOFT<br>0<br>1.52<br>m<br>1003821858<br>3<br>2<br>GREY<br>05<br>CLAY<br>85         |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To<br>Formation En<br>Formation En<br>Overburden a<br>Materials Inte<br>Formation ID.<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc: | op Depth:<br>nd Depth:<br>nd Depth UOM:<br>and Bedrock<br>erval<br>:<br>or:<br>on Material:                            | SAND<br>85<br>SOFT<br>0<br>1.52<br>m<br>1003821858<br>3<br>2<br>GREY<br>05<br>CLAY<br>85<br>SOFT |                  |                  |                             |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To<br>Formation En<br>Formation En<br>Overburden a<br>Materials Inte<br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3:       | op Depth:<br>nd Depth:<br>nd Depth UOM:<br><u>and Bedrock</u><br><u>erval</u><br>:<br>or:<br>on Material:<br>op Depth: | SAND<br>85<br>SOFT<br>0<br>1.52<br>m<br>1003821858<br>3<br>2<br>GREY<br>05<br>CLAY<br>85         |                  |                  |                             |    |

| Мар Кеу                             | Number of<br>Records         | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------|------------------------------|----------------------------|------------------|------|----|
| Formation E                         | nd Depth UOM:                | m                          |                  |      |    |
| <u>Overburden</u><br>Materials Inte | and Bedrock<br>erval         |                            |                  |      |    |
| Formation ID                        | ):                           | 1003821859                 |                  |      |    |
| Layer:                              |                              | 4                          |                  |      |    |
| Color:                              |                              | 3                          |                  |      |    |
| General Colo                        | or:                          | BLUE                       |                  |      |    |
| Mat1:<br>Most Commo                 | n Matariali                  | 05<br>CLAY                 |                  |      |    |
| Mat2:                               | on material:                 | CLAY                       |                  |      |    |
| Mat2 Desc:<br>Mat3:                 |                              | 05                         |                  |      |    |
| Mat3:<br>Mat3 Desc:                 |                              | 85<br>SOFT                 |                  |      |    |
| Formation To                        | on Denth:                    | 14.55                      |                  |      |    |
| Formation E                         | nd Depth:                    | 28.18                      |                  |      |    |
|                                     | nd Depth UOM:                | m                          |                  |      |    |
| <u>Overburden</u><br>Materials Inte | and Bedrock                  |                            |                  |      |    |
| Formation ID                        |                              | 1003821860                 |                  |      |    |
| Layer:                              |                              | 5                          |                  |      |    |
| Color:                              |                              | 6                          |                  |      |    |
| General Cold                        | or:                          | BROWN                      |                  |      |    |
| Mat1:                               |                              | 11                         |                  |      |    |
| Most Commo                          | on Material:                 | GRAVEL                     |                  |      |    |
| Mat2:                               |                              | 05                         |                  |      |    |
| Mat2 Desc:                          |                              | CLAY                       |                  |      |    |
| Mat3:                               |                              | 17                         |                  |      |    |
| Mat3 Desc:                          | an Danéha                    | SHALE<br>28.18             |                  |      |    |
| Formation To<br>Formation E         |                              | 28.18<br>34.55             |                  |      |    |
|                                     | nd Depth UOM:                | m                          |                  |      |    |
|                                     | and Bedrock                  |                            |                  |      |    |
| Materials Inte                      | erval                        |                            |                  |      |    |
| Formation ID                        | ):                           | 1003821857                 |                  |      |    |
| Layer:                              |                              | 2                          |                  |      |    |
| Color:                              |                              | 6<br>BROWN                 |                  |      |    |
| General Colo<br>Mat1:               | и.                           | 05                         |                  |      |    |
| Most Commo                          | on Material                  | CLAY                       |                  |      |    |
| Mat2:<br>Mat2 Desc:                 | n material.                  | OL/1                       |                  |      |    |
| Mat2: Desc.                         |                              | 85                         |                  |      |    |
| Mat3 Desc:                          |                              | SOFT                       |                  |      |    |
| Formation Te                        | op Depth:                    | 1.52                       |                  |      |    |
| Formation E                         | nd Depth:                    | 5.15                       |                  |      |    |
|                                     | nd Depth UOM:                | m                          |                  |      |    |
| <u>Annular Spa</u><br>Sealing Reco  | <u>ce/Abandonment</u><br>ord |                            |                  |      |    |
| Plug ID:                            |                              | 1003821889                 |                  |      |    |
| Layer:                              |                              | 1                          |                  |      |    |
| Plug From:                          |                              | 0                          |                  |      |    |
| Plug To:                            |                              | 6.06                       |                  |      |    |
| Plug Depth L                        | IOM:                         | m                          |                  |      |    |
| - •                                 |                              |                            |                  |      |    |

| Map Key                     | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | Di |
|-----------------------------|----------------------|----------------------------|------------------|------|----|
| <u>Method of Co<br/>Use</u> | onstruction & Well   |                            |                  |      |    |
| Method Con                  | struction ID:        | 1003821887                 |                  |      |    |
| Method Cons                 | struction Code:      | 4                          |                  |      |    |
| Method Cons                 | struction:           | Rotary (Air)               |                  |      |    |
| Other Metho                 | d Construction:      |                            |                  |      |    |
| <u>Pipe Informa</u>         | <u>ation</u>         |                            |                  |      |    |
| Pipe ID:                    |                      | 1003821854                 |                  |      |    |
| Casing No:                  |                      | 0                          |                  |      |    |
| Comment:                    |                      |                            |                  |      |    |
| Alt Name:                   |                      |                            |                  |      |    |
| <u>Construction</u>         | n Record - Casing    |                            |                  |      |    |
| Casing ID:                  |                      | 1003821865                 |                  |      |    |
| Layer:                      |                      | 1                          |                  |      |    |
| Material:                   |                      | 1                          |                  |      |    |
| Open Hole o                 |                      | STEEL                      |                  |      |    |
| Depth From:                 |                      | .5                         |                  |      |    |
| Depth To:                   |                      | 34.55                      |                  |      |    |
| Casing Diam<br>Casing Diam  |                      | 15.55<br>cm                |                  |      |    |
| Casing Dept                 |                      | m                          |                  |      |    |
| <u>Construction</u>         | n Record - Screen    |                            |                  |      |    |
| Screen ID:                  |                      | 1003821866                 |                  |      |    |
| Layer:                      |                      |                            |                  |      |    |
| Slot:                       |                      |                            |                  |      |    |
| Screen Top                  | Depth:               |                            |                  |      |    |
| Screen End                  |                      |                            |                  |      |    |
| Screen Mate                 |                      | ~                          |                  |      |    |
| Screen Dept<br>Screen Diam  | n oow.<br>heter UOM: | m<br>cm                    |                  |      |    |
| Screen Diam                 |                      | CIT                        |                  |      |    |
| <u>Results of W</u>         | /ell Yield Testing   |                            |                  |      |    |
| Pump Test II                | D:                   | 1003821855                 |                  |      |    |
| Pump Set At                 |                      | 33.33                      |                  |      |    |
| Static Level:               |                      | 10.8                       |                  |      |    |

| Pump Set At:                 | 33.33 |
|------------------------------|-------|
| Static Level:                | 10.8  |
| Final Level After Pumping:   | 11.73 |
| Recommended Pump Depth:      | 33.33 |
| Pumping Rate:                | 45    |
| Flowing Rate:                |       |
| Recommended Pump Rate:       | 45    |
| Levels UOM:                  | m     |
| Rate UOM:                    | LPM   |
| Water State After Test Code: | 1     |
| Water State After Test:      | CLEAR |
| Pumping Test Method:         | 0     |
| Pumping Duration HR:         | 1     |
| Pumping Duration MIN:        | 0     |
| Flowing:                     |       |
|                              |       |

#### Draw Down & Recovery

46

| Pump Test Detail ID: |  |
|----------------------|--|
| Test Type:           |  |

1003821882 Draw Down

| Мар Кеу                      | Number of<br>Records  | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | Ľ                     | ЭB |
|------------------------------|-----------------------|----------------------------|------------------|------|-----------------------|----|
| Test Duration                | n:                    | 30                         |                  |      |                       |    |
| Test Level:                  |                       | 11.71                      |                  |      |                       |    |
| Test Level U                 | OM:                   | m                          |                  |      |                       |    |
| <u>Draw Down 8</u>           | & Recovery            |                            |                  |      |                       |    |
| Pump Test D                  | etail ID:             | 1003821884                 |                  |      |                       |    |
| Test Type:                   |                       | Draw Down                  |                  |      |                       |    |
| Test Duration                | n:                    | 50                         |                  |      |                       |    |
| Test Level:<br>Test Level U  | OM-                   | 11.73<br>m                 |                  |      |                       |    |
| lest Level 0                 | 011.                  |                            |                  |      |                       |    |
| <u>Draw Down &amp;</u>       | & Recovery            |                            |                  |      |                       |    |
| Pump Test D                  | etail ID:             | 1003821877                 |                  |      |                       |    |
| Test Type:                   |                       | Draw Down                  |                  |      |                       |    |
| Test Duration<br>Test Level: | า:                    | 10<br>11.62                |                  |      |                       |    |
| Test Level U                 | ом <sup>.</sup>       | m                          |                  |      |                       |    |
|                              |                       |                            |                  |      |                       |    |
| <u>Draw Down &amp;</u>       | & Recovery            |                            |                  |      |                       |    |
| Pump Test D                  | etail ID:             | 1003821874                 |                  |      |                       |    |
| Test Type:                   |                       | Recovery                   |                  |      |                       |    |
| Test Duratior<br>Test Level: | 1:                    | 4<br>10.96                 |                  |      |                       |    |
| Test Level U                 | ОМ:                   | m                          |                  |      |                       |    |
|                              |                       |                            |                  |      |                       |    |
| <u>Draw Down 8</u>           | <u>&amp; Recovery</u> |                            |                  |      |                       |    |
| Pump Test D                  | etail ID:             | 1003821867                 |                  |      |                       |    |
| Test Type:                   | _                     | Draw Down                  |                  |      |                       |    |
| Test Duratior<br>Test Level: | n:                    | 1<br>11.44                 |                  |      |                       |    |
| Test Level U                 | ОМ:                   | m                          |                  |      |                       |    |
|                              |                       |                            |                  |      |                       |    |
| <u>Draw Down &amp;</u>       | <u>&amp; Recovery</u> |                            |                  |      |                       |    |
| Pump Test D                  | etail ID:             | 1003821885                 |                  |      |                       |    |
| Test Type:<br>Test Duratior  | <b>.</b> .            | Draw Down<br>60            |                  |      |                       |    |
| Test Level:                  | 1.                    | 11.73                      |                  |      |                       |    |
| Test Level U                 | ОМ:                   | m                          |                  |      |                       |    |
| <u>Draw Down &amp;</u>       | & Recovery            |                            |                  |      |                       |    |
|                              |                       | 1002024070                 |                  |      |                       |    |
| Pump Test D<br>Test Type:    | etali ID:             | 1003821872<br>Recovery     |                  |      |                       |    |
| Test Duration                | n:                    | 3                          |                  |      |                       |    |
| Test Level:                  |                       | 10.98                      |                  |      |                       |    |
| Test Level U                 | ОМ:                   | m                          |                  |      |                       |    |
| Draw Down &                  | & Recovery            |                            |                  |      |                       |    |
| Pump Test D                  | etail ID <sup>.</sup> | 1003821883                 |                  |      |                       |    |
| Test Type:                   |                       | Draw Down                  |                  |      |                       |    |
| Test Duration                | n:                    | 40                         |                  |      |                       |    |
| Test Level:                  |                       | 11.72                      |                  |      |                       |    |
| Test Level U                 | ОМ:                   | m                          |                  |      |                       |    |
|                              |                       |                            |                  |      |                       |    |
|                              | erisinfo.com I Er     | nvironmental Risk Info     | rmation Service  | S    | Order No: 2103100006  | 38 |
| 47                           |                       |                            |                  |      | Order 140. 2103100000 | .0 |

| Мар Кеу                      | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB                    |
|------------------------------|----------------------|----------------------------|------------------|------|-----------------------|
| Draw Down a                  | & Recovery           |                            |                  |      |                       |
| Pump Test D                  | etail ID:            | 1003821879                 |                  |      |                       |
| Test Type:                   |                      | Draw Down                  |                  |      |                       |
| Test Duration<br>Test Level: | n:                   | 15<br>11.64                |                  |      |                       |
| Test Level U                 | ОМ:                  | m                          |                  |      |                       |
| Draw Down a                  | & Recovery           |                            |                  |      |                       |
| Pump Test D                  | etail ID:            | 1003821871                 |                  |      |                       |
| Test Type:<br>Test Duration  | n:                   | Draw Down<br>3             |                  |      |                       |
| Test Level:                  |                      | 11.54                      |                  |      |                       |
| Test Level U                 | ОМ:                  | m                          |                  |      |                       |
| Draw Down 8                  | & Recovery           |                            |                  |      |                       |
| Pump Test D                  | etail ID:            | 1003821881                 |                  |      |                       |
| Test Type:                   |                      | Draw Down<br>25            |                  |      |                       |
| Test Duration<br>Test Level: | n:                   | 11.67                      |                  |      |                       |
| Test Level U                 | ОМ:                  | m                          |                  |      |                       |
| <u>Draw Down a</u>           | & Recovery           |                            |                  |      |                       |
| Pump Test D                  | etail ID:            | 1003821878                 |                  |      |                       |
| Test Type:                   |                      | Recovery<br>10             |                  |      |                       |
| Test Duration<br>Test Level: | n:                   | 10.8                       |                  |      |                       |
| Test Level U                 | ОМ:                  | m                          |                  |      |                       |
| Draw Down 8                  | & Recovery           |                            |                  |      |                       |
| Pump Test D                  | etail ID:            | 1003821876                 |                  |      |                       |
| Test Type:                   |                      | Recovery                   |                  |      |                       |
| Test Duration<br>Test Level: | n:                   | 5<br>10.94                 |                  |      |                       |
| Test Level U                 | ОМ:                  | m                          |                  |      |                       |
| <u>Draw Down a</u>           | & Recovery           |                            |                  |      |                       |
| Pump Test D                  | etail ID:            | 1003821873                 |                  |      |                       |
| Test Type:                   |                      | Draw Down<br>4             |                  |      |                       |
| Test Duration<br>Test Level: | n:                   | 4<br>11.56                 |                  |      |                       |
| Test Level U                 | ОМ:                  | m                          |                  |      |                       |
| Draw Down a                  | & Recovery           |                            |                  |      |                       |
| Pump Test D                  | etail ID:            | 1003821875                 |                  |      |                       |
| Test Type:                   |                      | Draw Down                  |                  |      |                       |
| Test Duration<br>Test Level: | n:                   | 5<br>11.57                 |                  |      |                       |
| Test Level U                 | ОМ:                  | m                          |                  |      |                       |
| <u>Draw Down a</u>           | & Recovery           |                            |                  |      |                       |
| Pump Test D                  | Detail ID:           | 1003821870                 |                  |      |                       |
|                              |                      |                            |                  |      | <u> </u>              |
| 48                           | erisinto.com   En    | vironmental Risk Info      | rmation Service  | es   | Order No: 21031000068 |

| Test Dural:         Recovery           Test Level         11           Test Level UOM:         m           Draw Down & Recovery         Pump Test Detail ID:         1003821968           Test Level         11.03           Test Level         11.03           Test Level UOM:         m           Draw Down & Recovery         Pump Test Detail ID:         1003821860           Test Level UOM:         m           Draw Down & Recovery         Pump Test Detail ID:         1003821860           Test Level UOM:         m         m           Draw Down & Recovery         Pump Test Detail ID:         1003821860           Test Level UOM:         m         m           Draw Down & Recovery         Pump Test Detail ID:         1003821869           Test Level UOM:         m         m           Made Detail ID:         1003821864         Exper:           Layer:         1         1           Kind Code:         1         1003821864           Layer:         1         1           Kind Code:         1         1003821862           Dometer:         1         55           Depth Ton:         3         3           Dometer:  | Map Key                      | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site        |    | DE   |
|--|------------------------------|----------------------|----------------------------|------------------|-------------|----|------|
| Test Levei Lowie de la lieur de la d   |                              |                      |                            |                  |             |    |      |
| <section-header>      Text Level UOW:     m       Data Down A Recovery       Name of A Detail ID:     10032185       Text Level To:     10032185       Text To:     155       To:     155       To:     155       To:     10032185       Text To:     155       To:     10032185       Text To:     10032185       To:</section-header>  |                              | 1:                   |                            |                  |             |    |      |
| <section-header>     You Down A feering     You Down A feering</section-header>  |                              |                      |                            |                  |             |    |      |
| Way Test Dettin III:NOV3821963<br>RecoveryTest Dettin III:NOV3821963<br>RecoveryDettin Dettin III:NOV3821963<br>Dettin IIII:Dettin Dettin III:NOV3821963<br>Dettin IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII   | Test Level UC                | DM:                  | m                          |                  |             |    |      |
| Tex Lovei se Receive<br>Tex Lovei se Association and a second and a sec  | <u>Draw Down &amp;</u>       | Recovery             |                            |                  |             |    |      |
| <section-header>         Test Levei       1.0.3.         Test Levei       10.3.         Test Levei       10.3.         Daw Down &amp; Concore       Dew Down         Pring Test Deteil D:       0.0.38.2180.0         Test Levei       20.0000         Test Levei       20.0000         Test Levei       20.0000         Test Levei       0.0038.2180.0         Test Levei       0.0038.2180.0         Test Levei       1.1.2.         Test Levei Dome       0.0038.2186.1         Kud Code:       1.1.3.         Kud Code:       1.5.6.         Veter Found Depth:       0.038.2186.2         Dentere:       0.0038.2186.2         Point For:       1.5.6.         Point For:       0.0038.2186.2         Dentere:       0.0038.2186.2         Dentere:       0.0038.2186.2         Dentere:       0.0038.2186.2         Dentere:       0.0038.2186.2         Dentere:       0.0038.2186.2         Dentere:       0.0038.218</section-header>   |                              | etail ID:            |                            |                  |             |    |      |
| Text Leveir UOM:       103         Text Leveir UOM:       m         Promount Aleconoru       Environini Enviro   |                              |                      |                            |                  |             |    |      |
| Test Level UOM: m   Car Down & Recovery   Dimp Test Detail ID: 1003821880   Test Duration: a:   Detail Down & Recovery   Pump Test Detail ID: Diraw Down Test Duration: Test Duratio   |                              | ):<br>               |                            |                  |             |    |      |
| <section-header>          Max Dava Recover           Prime Sea Deal MS: Max Down           Rest Developing: Sea Dear Down           Rest Level Size: Sea Dear Down           Developing: Dear Down           Rest Developing: Dear Down           Max Developing: Dear Down           Rest Developing: Dear Down           Rest Developing: Dear Down           Max Developing: Dear Down<td></td><td><i>م</i>رد</td><td></td><td></td><td></td><td></td><td></td></section-header>   |                              | <i>م</i> رد          |                            |                  |             |    |      |
| In the set of the set  | lest Level ot                | <i>JWI.</i>          |                            |                  |             |    |      |
| Test Dynei on Warden<br>Test Dynei on Warden<br>Test Duraiton: 20<br>Test Levei UOM: n<br>Draw Down & Recovery<br>Draw Down & Recovery<br>Draw Down & Recovery<br>Draw Down & Recovery<br>Draw Down & Recovery<br>Test Duraiton: 2<br>Test Levei I DO: 1003821869<br>Test Levei UOM: n<br>Test Duraiton: 2<br>Test Levei I DO: 1003821864<br>Layer: 1<br>Mater Found Depth: 1003821864<br>Layer: 1<br>Mater Found Depth: 34.55<br>Nater Found Depth: 34.55<br>Nater Found Depth UOM: n<br>Hole Diameter<br>Hole Di | Draw Down &                  | Recovery             |                            |                  |             |    |      |
| Test Levei:       20         Test Levei:       106         Test Levei:       n         Dump Test Detail D:       1003821869         Test Duraiton:       2         Test Duraiton:       2         Mater Detail D:       1003821864         Levei:       1         Kind Code:       1         Levei:       34.55         Water Found Depth:       34.55         Depth Form:       0         Depth Form:       0         Depth Form:       0         Depth Form:       34.55  |                              | etail ID:            |                            |                  |             |    |      |
| Test Level 11.66   Test Level UOM: 10   Daw Down & Recovery   Pump Test Detail ID: 1003321869   Test Type: Draw Down   Test Duration: 2   Test Level UOM: 10   Water Detail ID: 1003321864   Layer: 1   Kind Code: 1   Kind: 1003321864   Layer: 1   Kind: 1003321864   Layer: 1   Water Dound Depth UOM: n   Hole Diameter Hole Diameter: Monomater: <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>   |                              |                      |                            |                  |             |    |      |
| Test Level UOM:       m         Draw Down A Recovery       Draw Down         Pump Test Detail ID:       it 003321869         Test Dravino:       2         Test Level       Draw Down         Test Level       10:3321864         Leyer:       1         Kind Code:       34.55         Stater Found Depth UOM:       m         Hole Diameter       10:3321862         Dometer:       0:34.55         Depth Tro:       34.55         Depth Tro:  |                              | 1:                   |                            |                  |             |    |      |
| Purp Set Network         Purp Set Network       Down Down         Set Duration:       2         Part Network       1003821864         Set Set Levi Dir:       1003821864         Large:       1         Wind Code:       1         Wi   |                              | OM:                  |                            |                  |             |    |      |
| Test Derail D:       1003821869         Test Duration:       2         Test Levei       1.52         Test Levei       m         Water Details         Water Found Depth WOM: m         Mole Depth WOM: m         Mole Depth WOM: m         Depth Form: 0         Depth Form: 0         Depth Pom: 0         Bott Levei 1003821863         Depth Form: 34.55         Depth Form: 34.55         Depth Form: 35.5         Depth Form: 35.5         Depth Form: 35.5         Depth Form: 35.5         Depth For  |                              |                      |                            |                  |             |    |      |
| Test Type:       Draw Down         Test Duration:       2         Test Level:       11.52         Test Level:       11.52         Test Level:       m         Water Details         Water Details         Water Dot:       1         Kind:       FRESH         Layer:       1         Kind:       FRESH         Water Found Depth:       34.55         Water Found Depth:       003821862         Diameter:       15.55         Depth Form:       0         Depth Form:       34.55         Depth Form:       34.55         Depth Form:       35.5         Depth Form:       35.5         Depth Form:       35.5         Depth Form:       35.5         Depth Form:       36.36         Depth Tor:       36.36         Depth Tor:       36.36         Depth Tor: <td>Draw Down &amp;</td> <td><u>Recovery</u></td> <td></td> <td></td> <td></td> <td></td> <td></td>   | Draw Down &                  | <u>Recovery</u>      |                            |                  |             |    |      |
| Test Level:       2         Test Level:       11.52         Test Level:       m         Water Details         Water DD:       1003821864         Layer:       1         Kind Code:       1         Kind:       FRESH         Water Found Depth:       34.55         Water Form:       0         Depth Form:       0         Depth To:       34.55         Hole Diameter       10.03821863         Diameter:       15.55         Depth Form:       34.55         Depth Form:       34.55         Depth Tor:       36.36         Hole Diameter       15.55         Depth Tor:       36.36         Hole Diameter UOM:       m         Hole Diameter UOM:       m         Mide Diameter UOM:       m         Depth To:  | Pump Test De                 | etail ID:            |                            |                  |             |    |      |
| Test Level:       11.52         Test Level UOM:       m         Water DetailS         Water DD:       1003821864         Layer:       1         Kind Code:       1         Water Found Depth:       34.55         Water Found Depth UOM:       m         Hole Diameter       0         Diameter:       15.55         Depth Form:       0         Vale Diameter       15.55         Dolameter       0         Hole Diameter       1003821863         Dolameter:       15.55         Depth Form:       34.55         Depth Form:       34.55         Depth Form:       34.55         Depth To:       36.36         Hole Diameter UOM:       m         Hole Diameter UOM:       m         To:       36.36         Hole Diameter UOM:       m         Hole Diameter UOM:       m  |                              |                      |                            |                  |             |    |      |
| Test Level UOM:       m         Water Details         Water DD:       003821864         Layer:       1         Kind Code:       1         Kind:       FRESH         Water Found Depth:       34.55         Depth Forn:       15.55         Depth Forn:       34.55         Diameter:       34.55         Depth Forn:       34.55         Depth Forn:       34.55         Depth Forn:       34.55         Depth Forn:       36.36         Hole Diameter UOM:       m         Mide Diameter UOM:       m  |                              | 1:                   |                            |                  |             |    |      |
| Water Details           Water Dir.         1003821864           Layer:         1           Kind Code:         1           Kind Code:         34.55           Water Found Depth:         34.55           Water Found Depth UOM:         m           Hole Diameter         1003821862           Diameter:         15.55           Depth Form:         0           Depth To:         34.55           Hole Diameter UOM:         m           Hole Diameter         0           Depth To:         34.55           Diameter:         0           Depth To:         34.55           Depth To:         34.55           Depth To:         34.55           Depth To:         36.36           Depth DUM:         m           Mide Depth UOM:         m           Diameter:         36.36           Depth To:         36.36           Depth To:         36.36           Mide Depth UOM:         m  |                              | о <i>м-</i>          |                            |                  |             |    |      |
| Mater ID:       1003821864         Laye:       1         Kind Code:       1         Kind:       FRESH         Water Found Depth:       34.55         Water Found Depth:       34.55         Water Found Depth:       1003821862         Diameter:       0         Depth From:       0         Depth From:       0         Bole Diameter       0         Hole Diameter       0         Hole Diameter       0         Bole Diameter UOM:       m         Hole Diameter:       1003821863         Diameter:       34.55         Depth From:       34.35         Depth From:       34.35         Depth From:       36.36         Hole Diameter UOM:       m         Mole Diameter UOM:       m         Mole Diameter UOM:       m   |                              |                      |                            |                  |             |    |      |
| Layer:       1         Kind Code:       1         Kind:       FRESH         Water Found Depth:       34.55         Water Found Depth UOM:       m         Hole Diameter         Hole Diameter:         Mode ID:         003821862         Diameter:       15.55         Depth From:       0         Depth From:       0         Hole Diameter UOM:       m         Hole Diameter       1003821863         Diameter:       15.55         Depth From:       34.55         Depth From:       34.55         Depth From:       34.55         Depth To:       36.36         Depth To:       36.36         Hole Depth UOM:       m         Hole Diameter UOM:       m         To:       36.36         Hole Diameter UOM:       m         Hole Diameter UOM:       m         To:       36.36         Hole Diameter UOM:       m         To:       101         WSW/26.7       79.9/-1.00         ON       M   | Water Details                | i                    |                            |                  |             |    |      |
| Xind Code:       1         Kind:       FRESH         Water Found Depth:       34.55         Water Found Depth UOM:       m         Hole Diameter       1003821862         Diameter:       15.55         Depth From:       0         Depth To:       34.55         Hole Diameter UOM:       m         Hole Diameter UOM:       m         Hole Diameter UOM:       m         Hole Diameter UOM:       m         Hole Diameter UOM:       cm         Hole Diameter UOM:       10:03821863         Diameter:       15:55         Depth To:       36:36         Hole Diameter UOM:       m         Hole Diameter UOM:       m         You SW26.7       79:9/-1.00   |                              |                      |                            |                  |             |    |      |
| Kind:       FRESH         Water Found Depth:       34.55         Water Found Depth UOM:       m         Hole Diameter         Hole Di       1003821862         Diameter:       15.55         Depth From:       0         Depth To:       34.55         Hole Diameter UOM:       m         Hole Diameter:       15.55         Depth From:       34.55         Depth From:       34.55         Depth From:       34.55         Depth From:       34.55         Depth From:       36.36         Hole Diameter UOM:       m         Hole Diameter UOM:  |                              |                      |                            |                  |             |    |      |
| Mater Found Depth:       34.55         Water Found Depth UOM:       m         Hole Diameter       1003821862         Diameter:       15.55         Depth From:       0         Depth To:       34.55         Hole Diameter UOM:       m         Hole Diameter UOM:       m         Hole Diameter UOM:       m         Hole Diameter UOM:       cm         Hole Diameter UOM:       1003821863         Diameter:       15.55         Depth From:       34.55         Depth From:       34.55         Depth From:       34.55         Depth From:       36.36         Hole Diameter UOM:       m         Hole Diameter UOM:       cm         T       1 of 1         WSW26.7       79.9/-1.00         ON       BORE   |                              |                      |                            |                  |             |    |      |
| Water Found Depth UOM:       m         Hole Diameter       1003821862         Diameter:       15.55         Depth From:       0         Depth To:       34.55         Hole Diameter UOM:       m         Hole Diameter UOM:       m         Hole Diameter UOM:       cm         Hole ID:       1003821863         Diameter:       15.55         Depth From:       34.55         Depth From:       35.56         Depth From:       36.36         Hole Depth VOM:       m         Hole Diameter UOM:       cm         You and the open trained to the open trained tot the open trained to the open trained to t   |                              | Donth                |                            |                  |             |    |      |
| Hole ID:       1003821862         Diameter:       15.55         Depth From:       0         Depth TO:       34.55         Hole Depth UOM:       m         Hole Diameter       003821863         Diameter:       15.55         Depth From:       36.36         Hole Diameter       1003821863         Diameter:       15.55         Depth From:       36.36         Hole Diameter UOM:       m         Hole Diameter UOM:       m         Hole Diameter:       15.55         Depth From:       36.36         Hole Diameter UOM:       m         Hole Diameter UOM:       m         T       1 of 1         WSW/26.7       79.9/-1.00         ON       BORN   |                              |                      |                            |                  |             |    |      |
| Diameter:       15.55         Depth From:       0         Depth To:       34.55         Hole Depth UOM:       m         Hole Diameter UOM:       cm         Hole Diameter:       1003821863         Diameter:       15.55         Depth From:       34.55         Depth From:       34.55         Depth From:       34.55         Depth From:       34.55         Depth From:       36.36         Hole Diameter UOM:       cm         I of 1       WSW/26.7       79.9/-1.00         ON       BORI   | Hole Diamete                 | <u>er</u>            |                            |                  |             |    |      |
| Depth From:       0         Depth To:       34.55         Hole Depth UOM:       m         Hole Diameter       cm         Hole Diameter:       1003821863         Diameter:       15.55         Depth To:       34.55         Depth From:       34.55         Depth To:       36.36         Hole Diameter UOM:       m         T       1 of 1         WSW/26.7       79.9/-1.00         ON       BORI   | Hole ID:                     |                      | 1003821862                 |                  |             |    |      |
| Depth To:       34.55         Hole Depth UOM:       m         Hole Diameter UOM:       cm         Hole Diameter       1003821863         Diameter:       15.55         Depth From:       34.55         Depth To:       36.36         Hole Diameter UOM:       m         Hole Diameter:       15.55         Depth From:       36.36         Hole Diameter UOM:       m         Hole Diameter UOM:       cm         I of 1       WSW/26.7       79.9/-1.00         ON       BORI   |                              |                      |                            |                  |             |    |      |
| Hole Depth UOM:       m         Hole Diameter UOM:       cm         Hole Diameter       1003821863         Diameter:       15.55         Depth From:       34.55         Depth To:       36.36         Hole Diameter UOM:       m         T       1 of 1       WSW/26.7       79.9/-1.00       BORI  |                              |                      |                            |                  |             |    |      |
| Hole Diameter UOM:       cm         Hole Diameter       1003821863         Diameter:       15.55         Depth From:       34.55         Depth To:       36.36         Hole Diameter UOM:       m         T       1 of 1       WSW/26.7       79.9/-1.00       BORI  |                              |                      |                            |                  |             |    |      |
| Hole Diameter       1003821863         Diameter:       15.55         Depth From:       34.55         Depth To:       36.36         Hole Depth UOM:       m         Hole Diameter UOM:       cm         1 of 1       WSW/26.7       79.9/-1.00         ON       BORN  | Hole Depth U<br>Hole Diamete | OM:<br>or UOM·       |                            |                  |             |    |      |
| Hole ID:       1003821863         Diameter:       15.55         Depth From:       34.55         Depth To:       36.36         Hole Depth UOM:       m         Hole Diameter UOM:       cm         1       1 of 1       WSW/26.7       79.9 / -1.00         ON       BORE   |                              |                      | 011                        |                  |             |    |      |
| Diameter:       15.55         Depth From:       34.55         Depth To:       36.36         Hole Depth UOM:       m         Hole Diameter UOM:       cm         1 of 1       WSW/26.7       79.9 / -1.00         ON       BORI   | <u>Hole Diamete</u>          | <u>er</u>            |                            |                  |             |    |      |
| Depth From:         34.55           Depth To:         36.36           Hole Depth UOM:         m           Hole Diameter UOM:         cm           1 of 1         WSW/26.7         79.9 / -1.00           ON         BORI   |                              |                      |                            |                  |             |    |      |
| Depth To:         36.36           Hole Depth UOM:         m           Hole Diameter UOM:         cm           T         1 of 1         WSW/26.7         79.9 / -1.00         BORI           ON         BORI  |                              |                      |                            |                  |             |    |      |
| Hole Depth UOM: m<br>Hole Diameter UOM: cm<br>7_ 1 of 1 WSW/26.7 79.9 / -1.00<br>ON BORE   |                              |                      |                            |                  |             |    |      |
| Hole Diameter UOM:         cm           7         1 of 1         WSW/26.7         79.9 / -1.00         BORE           ON         BORE         ON         BORE  | Ueptn 10:<br>Hole Denth !!   | OM-                  |                            |                  |             |    |      |
| - ON BORE  |                              |                      |                            |                  |             |    |      |
| ON CN  | 7                            | 1 of 1               | WSW/26.7                   | 79.9/-1.00       | <b>.</b>    |    | BORE |
| Borehole ID: 615097 Inclin FLG: No   |                              | 0.15                 |                            |                  |             |    |      |
|  | Borehole ID:                 | 615                  | 097                        |                  | Inclin FLG: | No |      |

| OGF ID:215516039Status:Type:BoreholeUse:Completion Date:SEP-1970Static Water Level:Primary Water Use:Sec. Water Use:Ground ElverPrimary Water Use:Sec. Water Use:Sec. Water Use:Ground ElverDepth Ref:Ground SurfaceDepth Ref:Ground ElverDeff Ground Elver82.3Elev Reliabil Note:DEM Ground ElverDEM Ground Elver84.7Concession:Location D:Survey D:Comments:Borehole Geology StratumGeology Stratum ID:Call Color:WhiteMaterial Color:WhiteMaterial 1:SandMaterial 2:Material 3:Material 3:Material 4:Geology Stratum ID:218400410Top Depth:1.8Bottom Depth:1.8Bottom Depth:1.8Bottom Depth:1.8Bottom Depth:1.8Material 2:Material 3:Material 4:Geology Stratum ID:218400410Top Depth:32Material 4:Gsc Material Description:Stratum  | Site                                |
|--|-------------------------------------|
| Type:BoreholeUse:SEP-1970Static Water Level:Finary Water Use:Primary Water Use:Sec. Water Use:Total Depth m:47.5Depth Ref:Ground SurfaceDepth Ilev:Ground SurfaceDrill Method:Static Water Use:Orig Ground Elev m:82.3Elev Reliabil Note:Elev Reliabil Note:DEM ForceStatic Water Use:Concession:Static Water Use:Concession:Static Water Use:Survey D:Comments:Borehole Geology StratumGeology Stratum ID:Geology Stratum ID:218400409Top Depth:0Bottom Depth:1.8Material 2:SandMaterial 4:SandGeology Stratum ID:218400410Top Depth:1.8Bottom Depth:1.8Bottom Depth:3.2Material 2:GreyMaterial 3:SandMaterial 4:Geology Stratum ID:Stratum Description:CLAY. GREY.Geology Stratum ID:218400411Top Depth:32Bottom Depth:32Bottom Depth:36Material 3:GravelMaterial 4:Geology Stratum ID:Stratum Description:GravelStratum Description:GravelMaterial 1:GravelMaterial 2:GravelMaterial 1:GravelMaterial 2:GravelMaterial 3:SandMaterial 4:Gravel<   | SP Status: Initial Entry            |
| Wse:       SEP-1970         Completion Date:       SEP-1970         Static Water Level:       Ground Surface         Primary Water Use:       Ground Surface         Depth Ref:       Ground Surface         Depth Ref:       Ground Surface         Depth Ref:       Ground Surface         Depth Ref:       Borton Surface         Depth Ref:       Borton Surface         Dill Method:       Drig Ground Elev m:         Orig Ground Elev m:       84.7         Concession:       Location D:         Survey D:       Comments:         Borehole Geology Stratum       D         Geology Stratum ID:       218400409         Top Depth:       0         Bottom Depth:       1.8         Material 1:       Sand         Material 3:       Waterial 3:         Waterial 4:       Geology Stratum ID:       218400410         Top Depth:       1.8         Bottom Depth:       32         Material Color:       Grey         Waterial 3:       Material 3:         Waterial 4:       Geology Stratum ID:       218400411         Top Depth:       32         Bottom Depth:       32  | Surv Elev: No                       |
| Completion Date: SEP-1970<br>Static Water Level:<br>Primary Water Use:<br>Sec. Water Use:<br>Total Depth m: 47.5<br>Depth Ref: Ground Surface<br>Depth Elev:<br>Drill Method:<br>Orig Ground Elev m: 82.3<br>Elev Reliabil Note:<br>DEM Ground Elev m: 84.7<br>Concession:<br>Location D:<br>Survey D:<br>Comments:<br>Borehole Geology Stratum<br>Geology Stratum ID: 218400409<br>Top Depth: 0<br>Bottom Depth: 1.8<br>Material Color: White<br>Material 2:<br>Material 2:<br>Stratum Description:<br>Stratum Description:<br>Stratur Description:<br>Stratum Description:   | Piezometer: No                      |
| Static Water Level:<br>Primary Water Use:<br>Sc. Water Use:<br>Total Depth m: 47.5<br>Depth Ref: Ground Surface<br>Depth Elev:<br>Drill Method:<br>Drill Ground Elev m: 82.3<br>Elev Reliabi Note:<br>DEM Ground Elev m: 84.7<br>Concession:<br>Location D:<br>Survey D:<br>Comments:<br>Borehole Geology Stratum<br>Geology Stratum ID: 218400409<br>Top Depth: 0<br>Bottom Depth: 1.8<br>Waterial Color: White<br>Waterial 2:<br>Waterial 3:<br>Waterial 2:<br>Stratum Description:<br>Stratum Descr   | Primary Name:                       |
| Primary Water Use:<br>Sec. Water Use:<br>Total Depth m: 47.5<br>Depth Ref: Ground Surface<br>Depth Elev:<br>Drill Method:<br>Orig Ground Elev m: 82.3<br>Elev Reliabil Note:<br>DEM Ground Elev m: 84.7<br>Concession:<br>Location D:<br>Survey D:<br>Comments:<br>Borehole Geology Stratum<br>Location Depth: 0<br>Bottom Depth: 1.8<br>Material Color: White<br>Waterial 2:<br>Waterial 3:<br>Waterial 4:<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Material 2:<br>Waterial 4:<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Bottom Depth: 1.8<br>Bottom Depth: 1.8<br>Bottom Depth: 1.8<br>Bottom Depth: 1.8<br>Bottom Depth: 218400410<br>Top Depth: 218400410<br>Top Depth: 32<br>Material 2:<br>Waterial 2:<br>Waterial 3:<br>Waterial 3:<br>Waterial 4:<br>Geology Stratum ID: 218400410<br>Top Depth: 32<br>Material 2:<br>Material 2:<br>Material 2:<br>Waterial 1: Clay<br>Waterial 4:<br>Geology Stratum ID: 218400411<br>Top Depth: 32<br>Bottom Depth: 36<br>Material 4:<br>Geology Stratum ID: 218400411<br>Top Depth: 32<br>Bottom Depth: 36<br>Material 4:<br>Geology Stratum ID: 218400411<br>Top Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Material 4:<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Bottom Depth: 36<br>Material 4:<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Material 4:<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Bottom Depth: 36<br>Material 4:<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Bottom Leveription: 36<br>Bottom Depth: 36<br>Bottom Depth:  | Municipality:                       |
| Primary Water Use:<br>Sec. Water Use:<br>Total Depth m: 47.5<br>Depth Ref: Ground Surface<br>Depth Elev:<br>Drill Method:<br>Orig Ground Elev m: 82.3<br>Elev Reliabil Note:<br>DEM Ground Elev m: 84.7<br>Concession:<br>Location D:<br>Survey D:<br>Comments:<br>Borehole Geology Stratum<br>Location Depth: 0<br>Bottom Depth: 1.8<br>Material Color: White<br>Waterial 2:<br>Waterial 3:<br>Waterial 4:<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Material 2:<br>Waterial 4:<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Bottom Depth: 1.8<br>Bottom Depth: 1.8<br>Bottom Depth: 1.8<br>Bottom Depth: 1.8<br>Bottom Depth: 218400410<br>Top Depth: 218400410<br>Top Depth: 32<br>Material 2:<br>Waterial 2:<br>Waterial 3:<br>Waterial 3:<br>Waterial 4:<br>Geology Stratum ID: 218400410<br>Top Depth: 32<br>Material 2:<br>Material 2:<br>Material 2:<br>Waterial 1: Clay<br>Waterial 4:<br>Geology Stratum ID: 218400411<br>Top Depth: 32<br>Bottom Depth: 36<br>Material 4:<br>Geology Stratum ID: 218400411<br>Top Depth: 32<br>Bottom Depth: 36<br>Material 4:<br>Geology Stratum ID: 218400411<br>Top Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Material 4:<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Bottom Depth: 36<br>Material 4:<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Material 4:<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Bottom Depth: 36<br>Material 4:<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Bottom Leveription: 36<br>Bottom Depth: 36<br>Bottom Depth:  | Lot:                                |
| Sec. Water Use:<br>Total Depth m: 47.5<br>Depth Ref: Ground Surface<br>Depth Elev:<br>Drill Method:<br>Drig Ground Elev m: 82.3<br>Elev Reliabil Note:<br>DEM Ground Elev m: 84.7<br>Concession:<br>Survey D:<br>Comments:<br>Borehole Geology Stratum<br>Geology Stratum ID: 218400409<br>Top Depth: 0<br>Bottom Depth: 1.8<br>Material Color: White<br>Material 1: Sand<br>Material 3:<br>Waterial 3:<br>Waterial 3:<br>Waterial 4:<br>Gsc Material Description:<br>Stratum Description: SAND. WHITE.<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Bottom Depth: 1.8<br>Bottom Depth: 32<br>Waterial 4:<br>Gsc Material Description:<br>Stratum Description: CLAY. GREY.<br>Geology Stratum ID: 218400411<br>Top Depth: 32<br>Material 4:<br>Gsc Material Description:<br>Stratum Descrip   | Township:                           |
| Total Depth m: 47.5<br>Depth Ref: Ground Surface<br>Depth Elev:<br>Drill Method:<br>Orig Ground Elev m: 82.3<br>Elev Reliabil Note:<br>DEM Ground Elev m: 84.7<br>Concession:<br>Location D:<br>Survey D:<br>Comments:<br>Borehole Geology Stratum<br>Geology Stratum ID: 218400409<br>Top Depth: 0<br>Bottom Depth: 1.8<br>Material 1: Sand<br>Material 3:<br>Material 3:<br>Material 3:<br>Stratum Description:<br>Stratum D   | Latitude DD: 45.431618              |
| Depth Ref: Ground Surface<br>Depth Ref: Bev:<br>Drill Method:<br>Drill Method:<br>Drig Ground Elev m: 82.3<br>Elev Reliabil Note:<br>DEM Ground Elev m: 84.7<br>Concession:<br>Location D:<br>Survey D:<br>Comments:<br>Borehole Geology Stratum<br>Geology Stratum ID: 218400409<br>Top Depth: 0<br>Bottom Depth: 1.8<br>Waterial Color: White<br>Waterial 2:<br>Waterial 3:<br>Waterial 3:<br>Waterial 4:<br>Gsc Material Description:<br>Stratum Description: SAND. WHITE.<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Bottom Depth: 32<br>Waterial 7:<br>Waterial 7:<br>Waterial 1:<br>Scratum Description: Grey<br>Waterial 4:<br>Gsc Material Description:<br>Stratum Description: CLAY. GREY.<br>Geology Stratum ID: 218400411<br>Top Depth: 32<br>Bottom Depth: 36<br>Waterial 3:<br>Waterial 4:<br>Gsc Material Description:<br>Stratum Description: Gravel<br>Waterial 3:<br>Waterial 4:<br>Gsc Material Description:<br>Stratum Description: GRAVEL.<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Bottom Depth: 36<br>Waterial 2:<br>Waterial 2:<br>Waterial 4:<br>Gsc Material Description:<br>Stratum Description: GRAVEL.<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Bottom Depth: 36<br>Waterial 2:<br>Waterial 1: Shale<br>Waterial 1: Shale<br>Waterial 2:<br>Waterial 3:<br>Waterial 2:<br>Waterial 3:<br>Waterial 3:<br>Waterial 1: Shale   | Longitude DD: -75.522482            |
| Depth Elev:<br>Drifl Method:<br>Drig Ground Elev m: 82.3<br>Elev Reliabil Note:<br>DEM Ground Elev m: 84.7<br>Concession:<br>Location D:<br>Survey D:<br>Comments:<br>Borehole Geology Stratum<br>Geology Stratum ID: 218400409<br>Top Depth: 0<br>Bottom Depth: 1.8<br>Waterial 1: Sand<br>Waterial 2:<br>Waterial 2:<br>Waterial 4:<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Bottom Depth: 32<br>Waterial 4:<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Bottom Depth: 32<br>Waterial 1: Clay<br>Waterial 2:<br>Waterial 3:<br>Waterial 3:<br>Waterial 4:<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Bottom Depth: 32<br>Waterial 4:<br>Geology Stratum ID: 218400410<br>Top Depth: 32<br>Waterial 3:<br>Waterial 4:<br>Geology Stratum ID: 218400410<br>Top Depth: 32<br>Waterial 4:<br>Geology Stratum ID: 218400411<br>Top Depth: 32<br>Bottom Depth: 32<br>Waterial 1: Clay<br>Waterial 2:<br>Waterial 3:<br>Waterial 3:<br>Waterial 4:<br>Geology Stratum ID: 218400411<br>Top Depth: 32<br>Bottom Depth: 32<br>Bottom Depth: 32<br>Bottom Depth: 36<br>Waterial 3:<br>Waterial 4:<br>Geology Stratum ID: 218400411<br>Top Depth: 36<br>Material 1: Gravel<br>Waterial 3:<br>Waterial 3:<br>Waterial 4:<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Waterial 2:<br>Waterial 1: Shale<br>Waterial 1: Shale<br>Waterial 3:<br>Waterial 3:<br>Waterial 2:<br>Waterial 3:<br>Waterial 3:<br>Waterial 3:<br>Waterial 3:<br>Waterial 3:<br>Waterial 3:<br>Waterial 3:<br>Waterial 3:<br>Waterial 3:<br>Waterial 4:<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 37<br>Waterial 4:<br>So Material Color: Black<br>Waterial 2:<br>Waterial 3:<br>Waterial 3:<br>Waterial 3:<br>Waterial 3:<br>Waterial 3:<br>Waterial 3:<br>Waterial 3:<br>Waterial 3:<br>Waterial 3:<br>Waterial 4:<br>Bottom Depth: 36<br>Bottom Depth                             | <b>UTM Zone:</b> 18                 |
| Drill Method:<br>Drig Ground Elev m: 82.3<br>Elev Reliabil Note:<br>DEM Ground Elev m: 84.7<br>Concession:<br>Location D:<br>Survey D:<br>Comments:<br>Borehole Geology Stratum<br>Geology Stratum ID: 218400409<br>Top Depth: 0<br>Bottom Depth: 1.8<br>Material Color: White<br>Waterial 1: Sand<br>Waterial 3:<br>Waterial 3:<br>Waterial 4:<br>Gsc Material Description:<br>Stratum Description: SAND. WHITE.<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Bottom Depth: 32<br>Waterial 2:<br>Waterial 2:<br>Waterial 2:<br>Waterial 3:<br>Waterial 4:<br>Gsc Material Description:<br>Stratum Description: CLAY. GREY.<br>Geology Stratum ID: 218400411<br>Top Depth: 32<br>Waterial 4:<br>Gsc Material 4:<br>Gsc Material Description:<br>Stratum Description:  | Easting: 459131                     |
| Drig Ground Elev m:82.3Elev Reliabil Note:DEM Ground Elev m:84.7Concession:Location D:Survey D:Survey D:Comments:Survey D:Borehole Geology StratumColorestion D:Geology Stratum ID:218400409Top Depth:0Bottom Depth:1.8Material 1:SandMaterial 3:Material 3:Material 3:SandMaterial 4:Gsc Material Description:Stratum Description:SAND. WHITE.Geology Stratum ID:218400410Top Depth:1.8Bottom Depth:32Material 1:ClayMaterial 3:GreyMaterial 3:GreyMaterial 4:Gsc Material Description:Stratum Description:CLAY. GREY.Geology Stratum ID:218400411Top Depth:32Bottom Depth:32Bottom Description:Sc Material 2:Material 4:Gsc Material Description:Stratum Description:CLAY. GREY.Geology Stratum ID:218400411Top Depth:32Bottom Depth:32Material 1:GravelMaterial 3:Stratum Description:Stratum Description:Stratum Description:Stratum Description:Stratum Description:Stratum Description:Stratum Color:Bottom Depth:32Material 3:Stratum Description:Stratum Description:Stratum Color:Stratum Descr   | Northing: 5031032                   |
| Elev Reliabil Note:<br>DEM Ground Elev m: 84.7<br>Concession:<br>Survey D:<br>Comments:<br>Borehole Geology Stratum<br>Geology Stratum ID: 218400409<br>Top Depth: 0<br>Bottom Depth: 1.8<br>Material Color: White<br>Material 1: Sand<br>Material 2:<br>Material 3:<br>Material 2:<br>Sc Material Description:<br>Stratum Description: SAND. WHITE.<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Bottom Depth: 32<br>Material Color: Grey<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description: CLAY. GREY.<br>Geology Stratum ID: 218400411<br>Top Depth: 32<br>Bottom Depth: 36<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 4:<br>Gravel<br>Material 3:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description: GRAVEL.<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Bottom Depth: 47.5<br>Material Color: Black<br>Material 2:<br>Material 3:<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 4:<br>Material 2:<br>Material 2:<br>Material 2:<br>Material 2:<br>Material 2:<br>Material 2:<br>Material 2:<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 2:<br>Material 3:<br>Material 4:<br>Material 4   | Location Accuracy:                  |
| DEM Ground Elev m: 84.7<br>Concession:<br>Location D:<br>Survey D:<br>Comments:<br>Borehole Geology Stratum<br>Geology Stratum ID: 218400409<br>Top Depth: 0<br>Bottom Depth: 1.8<br>Material Color: White<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description: SAND. WHITE.<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Bottom Depth: 32<br>Material Color: Grey<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description:<br>Strat   | Accuracy: Not Applicable            |
| Concession:<br>Location D:<br>Survey D:<br>Comments:<br>Borehole Geology Stratum<br>Geology Stratum ID: 218400409<br>Top Depth: 0<br>Bottom Depth: 1.8<br>Material Color: White<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description: SAND. WHITE.<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Bottom Depth: 32<br>Material Color: Grey<br>Material 1: Clay<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description: CLAY. GREY.<br>Geology Stratum ID: 218400411<br>Top Depth: 32<br>Bottom Depth: 36<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description: GRAVEL.<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 47.5<br>Material Color: Black<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 4:<br>Material 4:<br>Material 4:<br>Material 4:<br>Material 4:<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 4:<br>Material 4:<br>M |                                     |
| Location D:<br>Survey D:<br>Comments:<br>Borehole Geology Stratum<br>Geology Stratum ID: 218400409<br>Top Depth: 0<br>Bottom Depth: 1.8<br>Material Color: White<br>Material 1: Sand<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description: SAND. WHITE.<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Bottom Depth: 32<br>Material 1: Clay<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Descript   |                                     |
| Survey D:<br>Comments:<br>Borehole Geology Stratum<br>Geology Stratum ID: 218400409<br>Top Depth: 0<br>Bottom Depth: 1.8<br>Material Color: White<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description: SAND. WHITE.<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Bottom Depth: 32<br>Material 1: Clay<br>Material 2:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description: CLAY. GREY.<br>Geology Stratum ID: 218400411<br>Top Depth: 32<br>Material 4:<br>Gsc Material Description:<br>Stratum Description: CLAY. GREY.<br>Geology Stratum ID: 218400411<br>Top Depth: 32<br>Bottom Depth: 36<br>Material 1: Gravel<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description: GRAVEL.<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 47.5<br>Material Color: Black<br>Material 2:<br>Material 3:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 1: Shale<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 4:<br>Material 1: Shale<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 4:<br>Material 4:<br>Material 3:<br>Material 4:<br>Material 4:<br>Material 5:<br>Material 1:<br>Material 4:<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 4:<br>Material 4:<br>Mat         |                                     |
| Comments:         Borehole Geology Stratum ID:       218400409         Top Depth:       0         Bottom Depth:       1.8         Material Color:       White         Material 1:       Sand         Material 2:       Material 4:         Gsc Material Description:       SAND. WHITE.         Stratum Description:       SAND. WHITE.         Geology Stratum ID:       218400410         Top Depth:       1.8         Bottom Depth:       32         Material 2:       Material 2:         Material 3:       Sand         Material 4:       Clay         Material 2:       Material 2:         Material 3:       Sand         Material 4:       Clay         Material 2:       Sand         Material 1:       Clay         Material 2:       Sand         Material 2:       Sand         Material 1:       Sand         Material 2:       Sand         Material 2:       Sand         Material 2:       Sand         Material 2:       Gravel         Material 2:       Gravel         Material 3:       Sand         Material 3:       <   |                                     |
| Geology Stratum ID:218400409Top Depth:0Bottom Depth:1.8Material Color:WhiteMaterial 2:SandMaterial 3:Gsc Material 2:Material 4:Gsc Material Description:Stratum Description:SAND. WHITE.Geology Stratum ID:218400410Top Depth:1.8Bottom Depth:32Material 1:ClayMaterial 2:Material 2:Material 3:GreyMaterial 4:ClayGsc Material Description:CLAY. GREY.Stratum Description:CLAY. GREY.Geology Stratum ID:218400411Top Depth:32Bottom Depth:32Bottom Depth:32Bottom Depth:32Bottom Depth:32Bottom Depth:32Bottom Depth:32Bottom Depth:36Material 1:GravelMaterial 2:Material 3:Material 3:GravelMaterial 4:Gsc Material Description:Stratum Description:GRAVEL.Geology Stratum ID:218400412Top Depth:36Bottom Depth:36 <td< td=""><td></td></td<>   |                                     |
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| Bottom Depth: 1.8<br>Material Color: White<br>Material 1: Sand<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material Description: SAND. WHITE.<br>Geology Stratum ID: 218400410<br>Top Depth: 1.8<br>Bottom Depth: 32<br>Material Color: Grey<br>Material Color: Grey<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description: CLAY. GREY.<br>Geology Stratum ID: 218400411<br>Top Depth: 32<br>Bottom Depth: 36<br>Material Color:<br>Material 1: Gravel<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description: GRAVEL.<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Bottom Depth: 36<br>Bottom Depth: 47.5<br>Material 1: Shale<br>Material 2:<br>Material 2:<br>Material 2:<br>Material 2:<br>Material 2:<br>Stratum Description: GRAVEL.  | Material Moisture:                  |
| Material Color:WhiteMaterial Color:SandMaterial 1:SandMaterial 2:Material 3:Material 3:Material 4:Gsc Material Description:SAND. WHITE.Stratum Description:SAND. WHITE.Geology Stratum ID:218400410Top Depth:1.8Bottom Depth:32Material Color:GreyMaterial 1:ClayMaterial 2:Material 3:Material 3:Gsc Material Description:Stratum Description:CLAY. GREY.Geology Stratum ID:218400411Top Depth:32Bottom Depth:32Bottom Depth:36Material 2:GravelMaterial 2:GravelMaterial 2:GravelMaterial 2:GravelMaterial 3:GravelMaterial 4:Gsc Material Description:Stratum Description:GravelMaterial 2:GravelMaterial 4:Gsc Material Description:Stratum Description:GRAVEL.Geology Stratum ID:218400412Top Depth:36Bottom Depth:36Bottom Depth:36Bottom Depth:36Material 1:SaMaterial 2:Material Color:Material 2:BlackMaterial 1:ShaleMaterial 1:ShaleMaterial 2:Material 2:Material 2:Material 3:  | Material Texture:                   |
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| Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description:SAND. WHITE.Geology Stratum ID:218400410Top Depth:1.8Bottom Depth:32Material Color:GreyMaterial 1:ClayMaterial 2:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description:CLAY. GREY.Geology Stratum ID:218400411Top Depth:32Bottom Depth:32Bottom Description:CLAY. GREY.Geology Stratum ID:218400411Top Depth:32Bottom Depth:36Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material Description:GravelMaterial 4:<br>Gsc Material Description:GRAVEL.Geology Stratum ID:218400412Top Depth:36Bottom Description:GRAVEL.Geology Stratum ID:218400412Top Depth:36Bottom Description:GRAVEL.Geology Stratum ID:218400412Top Depth:36Material 4:<br>Gsc Material Color:BlackMaterial Color:BlackMaterial 1:ShaleMaterial 2:<br>Material 1:ShaleMaterial 2:<br>Material 2:<br>Material 3:Shale   | Geologic Formation:                 |
| Material 3:<br>Material 4:<br>Gsc Material Description:SAND. WHITE.Stratum Description:SAND. WHITE.Geology Stratum ID:218400410Top Depth:1.8Bottom Depth:32Material Color:GreyMaterial 1:ClayMaterial 3:<br>Material 3:<br>Material 4:<br>Gsc Material Description:CLAY. GREY.Geology Stratum ID:218400411Top Depth:32Bottom Depth:32Bottom Description:CLAY. GREY.Geology Stratum ID:218400411Top Depth:32Bottom Depth:36Material 2:<br>Material 4:<br>Gsc Material Description:GravelMaterial 3:<br>Material 4:<br>Gsc Material Description:GRAVEL.Geology Stratum ID:218400412Top Depth:36Bottom Description:GRAVEL.Geology Stratum ID:218400412Top Depth:36Material 4:<br>Gsc Material Description:GRAVEL.Geology Stratum ID:218400412Top Depth:36Material 4:<br>Gsc Material 1:ShaleMaterial 1:ShaleMaterial 2:<br>Material 1:ShaleMaterial 2:<br>Material 2:<br>Material 2:<br>Material 3:Shale  | Geologic Group:                     |
| Material 4:Gsc Material Description:SAND. WHITE.Stratum Description:SAND. WHITE.Geology Stratum ID:218400410Top Depth:1.8Bottom Depth:32Material Color:GreyMaterial 1:ClayMaterial 2:Material 3:Material 3:Gsc Material Description:Stratum Description:CLAY. GREY.Geology Stratum ID:218400411Top Depth:32Bottom Depth:32Bottom Depth:32Bottom Depth:36Material Color:GravelMaterial 2:GravelMaterial 3:GravelMaterial 4:GravelMaterial 3:GravelMaterial 4:GravelGeology Stratum ID:218400412Top Depth:36Bottom Description:GRAVEL.Geology Stratum ID:218400412Top Depth:36Bottom Description:GRAVEL.Geology Stratum ID:218400412Top Depth:36Bottom Depth:47.5Material Color:BlackMaterial 1:ShaleMaterial 2:Material 2:Material 2:Material 3:Material 3:Shale  | Geologic Group.<br>Geologic Period: |
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| Bottom Depth: 32<br>Material Color: Grey<br>Material 1: Clay<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description: CLAY. GREY.<br>Geology Stratum ID: 218400411<br>Top Depth: 32<br>Bottom Depth: 36<br>Material Color:<br>Material 1: Gravel<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 4:<br>Gsc Material Description:<br>Stratum Description: GRAVEL.<br>Geology Stratum ID: 218400412<br>Top Depth: 36<br>Bottom Depth: 47.5<br>Material Color: Black<br>Material 1: Shale<br>Material 2:<br>Material 2:<br>Material 2:<br>Material Color: Black<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 3:<br>Material 1: Shale  | Mat Consistency:                    |
| Material Color:GreyMaterial 1:ClayMaterial 2:Material 3:Material 4:Gsc Material Description:Stratum Description:CLAY. GREY.Geology Stratum ID:218400411Top Depth:32Bottom Depth:36Material 2:Material 2:Material 3:Material 4:Gsc Material Description:Stratum Description:GravelMaterial 3:Material 4:Gsc Material Description:Stratum Description:Stratum Description:Geology Stratum ID:218400412Top Depth:36Bottom Depth:47.5Material Color:BlackMaterial 1:ShaleMaterial 2:Material 3:Material 3:Material 3:Material 3:   | Material Moisture:                  |
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| Material 2:         Material 3:         Material 4:         Gsc Material Description:         Stratum Description:         CLAY. GREY.         Geology Stratum ID:       218400411         Top Depth:       32         Bottom Depth:       36         Material Color:       Material Color:         Material 1:       Gravel         Material 3:       Material 3:         Material 4:       Gsc Material Description:         Stratum Description:       GRAVEL.         Geology Stratum ID:       218400412         Top Depth:       36         Bottom Description:       GRAVEL.         Geology Stratum ID:       218400412         Top Depth:       36         Bottom Depth:       47.5         Material Color:       Black         Material Color:       Black         Material 1:       Shale         Material 2:       Material 3:         Material 2:       Material 3:   | Non Geo Mat Type:                   |
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| Material 4:Gsc Material Description:CLAY. GREY.Stratum Description:218400411Top Depth:32Bottom Depth:36Material Color:GravelMaterial 1:GravelMaterial 2:GravelMaterial 3:GRAVEL.Geology Stratum ID:218400412Top Depth:36Material 4:GRAVEL.Geology Stratum ID:218400412Top Depth:36Bottom Depth:47.5Material 1:ShaleMaterial 2:ShaleMaterial 2:GravelGeology Stratum ID:218400412Top Depth:36Bottom Depth:47.5Material Color:BlackMaterial 2:ShaleMaterial 3:ShaleMaterial 3:ShaleMaterial 3:Shale  | Geologic Group:                     |
| Gsc Material Description:CLAY. GREY.Stratum Description:CLAY. GREY.Geology Stratum ID:218400411Top Depth:36Material Color:Material 1:GravelMaterial 2:Material 3:Material 3:GRAVEL.Geology Stratum ID:218400412Top Depth:36Bottom Description:GRAVEL.Geology Stratum ID:218400412Top Depth:36Bottom Depth:47.5Material Color:BlackMaterial 1:ShaleMaterial 2:Material 3:   | Geologic Period:                    |
| Stratum Description:CLAY. GREY.Geology Stratum ID:218400411Top Depth:32Bottom Depth:36Material Color:Image: Stratum ID:Material 1:GravelMaterial 2:Image: Stratum ID:Material 3:GRAVEL.Geology Stratum ID:218400412Googy Stratum ID:218400412Top Depth:36Bottom Depth:47.5Material 1:ShaleMaterial 2:Image: Stratum ID:Material 2:36Bottom Depth:36Bottom ID:218400412Top Depth:36Bottom ID:5Material Color:BlackMaterial 1:ShaleMaterial 3:Shale  | Depositional Gen:                   |
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| Material Color:         Material 1:       Gravel         Material 2:         Material 3:         Material 4:         Gsc Material Description:         Stratum Description:         Stratum Description:         Geology Stratum ID:       218400412         Top Depth:       36         Bottom Depth:       47.5         Material 1:       Shale         Material 2:       Material 3:  | Material Moisture:                  |
| Material 1:       Gravel         Material 2:       Gravel         Material 3:       Gravel         Material 3:       Gravel         Material 4:       Gravel         Gsc Material Description:       Gravel         Stratum Description:       GRAVEL.         Geology Stratum ID:       218400412         Top Depth:       36         Bottom Depth:       47.5         Material Color:       Black         Material 1:       Shale         Material 2:       Material 3:  | Material Texture:                   |
| Material 2:         Material 3:         Material 4:         Gsc Material Description:         Stratum Description:         Graduation:         Geology Stratum ID:       218400412         Top Depth:       36         Bottom Depth:       47.5         Material Color:       Black         Material 1:       Shale         Material 3:       Shale  | Non Geo Mat Type:                   |
| Material 3:         Material 4:         Gsc Material Description:         Stratum Description:         GRAVEL.         Geology Stratum ID:       218400412         Top Depth:       36         Bottom Depth:       47.5         Material Color:       Black         Material 1:       Shale         Material 2:         Material 3:  | Geologic Formation:                 |
| Material 4:         Gsc Material Description:         Stratum Description:         Geology Stratum ID:       218400412         Top Depth:       36         Bottom Depth:       47.5         Material Color:       Black         Material 1:       Shale         Material 3:       State  | Geologic Group:                     |
| Gsc Material Description:GRAVEL.Stratum Description:GRAVEL.Geology Stratum ID:218400412Top Depth:36Bottom Depth:47.5Material Color:BlackMaterial 1:ShaleMaterial 2:Material 3:   | Geologic Period:                    |
| Stratum Description:GRAVEL.Geology Stratum ID:218400412Top Depth:36Bottom Depth:47.5Material Color:BlackMaterial 1:ShaleMaterial 2:Material 3:   | Depositional Gen:                   |
| Geology Stratum ID:218400412Top Depth:36Bottom Depth:47.5Material Color:BlackMaterial 1:ShaleMaterial 2:Material 3:  |                                     |
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| Bottom Depth:47.5Material Color:BlackMaterial 1:ShaleMaterial 2:Material 3:  | Mat Consistency:                    |
| Material Color: Black<br>Material 1: Shale<br>Material 2:<br>Material 3:   | Material Moisture:                  |
| Material 1: Shale<br>Material 2:<br>Material 3:  | Material Texture:                   |
| Material 2:<br>Material 3:   | Non Geo Mat Type:                   |
| Material 3:  | Geologic Formation:                 |
|  | Geologic Group:                     |
| Material 4:  | Geologic Period:                    |
|  | Depositional Gen:                   |
| Gsc Material Description:  |                                     |

|                                     | mber of<br>cords            | Direction/<br>Distance (m | Elev/Diff<br>) (m)   | Site                            |   | D |
|-------------------------------------|-----------------------------|---------------------------|----------------------|---------------------------------|---|---|
|                                     |                             | records provided          | by the department    | have a truncated [Stratum I     | Description] field.                                     |   |
| Source                              |                             |                           |                      |                                 |   |   |
| Source Type:                        | Data Su                     | urvev                     |                      | Source Appl:                    | Spatial/Tabular   |   |
| Source Orig:                        |                             | ical Survey of Cana       | da                   | Source Iden:                    | 1   |   |
| Source Date:                        | 1956-19                     |                           |                      | Scale or Res:                   | Varies  |   |
| Confidence:                         |                             |                           |                      | Horizontal:                     | NAD27   |   |
| Observatio:                         |                             |                           |                      | Verticalda:                     | Mean Average Sea Level                                  |   |
| Source Name:                        |                             | Urban Geology A           | utomated Informati   | on System (UGAIS)               | -   |   |
| Source Details:                     |                             | File: OTTAWA2.t           | xt RecordID: 07605   | 5 NTS_Sheet:                    |   |   |
| Confiden 1:                         |                             |                           |                      |                                 |   |   |
| Source List                         |                             |                           |                      |                                 |   |   |
| Source Identifier:                  | 1<br>Doto Si                |                           |                      | Horizontal Datum:               | NAD27<br>Maan Average See Level                         |   |
| Source Type:                        | Data Su                     |                           |                      | Vertical Datum:                 | Mean Average Sea Level<br>Universal Transverse Mercator |   |
| Source Date:<br>Scale or Resolution | 1956-19<br><b>n:</b> Varies | 912                       |                      | Projection Name:                | Universal transverse Mercator                           |   |
| Scale of Resolution<br>Source Name: | n. vanes                    | Lirhan Geology A          | utomated Informati   | on System (UGAIS)               |   |   |
| Source Name.<br>Source Originators  | S:                          | Geological Surve          |                      |                                 |   |   |
| <u>8</u> 1 of <sup>1</sup>          | 1                           | WSW/26.9                  | 79.9 / -1.00         | lot 6 con 3<br>ON               |   | w |
| Well ID:                            | 151090                      | 6                         |                      | Data Entry Status:              |   |   |
| Construction Date:                  |                             | •                         |                      | Data Src:                       | 1   |   |
| Primary Water Use                   | _                           | tic                       |                      | Date Received:                  | 11/4/1970   |   |
| Sec. Water Use:                     | 0                           |                           |                      | Selected Flag:                  | Yes   |   |
| Final Well Status:                  | Water S                     | Supply                    |                      | Abandonment Rec:                |   |   |
| Water Type:                         |                             |                           |                      | Contractor:                     | 3504  |   |
| Casing Material:                    |                             |                           |                      | Form Version:                   | 1   |   |
| Audit No:                           |                             |                           |                      | Owner:                          |   |   |
| Tag:                                |                             |                           |                      | Street Name:                    |   |   |
| Construction Meth                   | od:                         |                           |                      | County:                         | OTTAWA  |   |
| Elevation (m):                      |                             |                           |                      | Municipality:                   | GLOUCESTER TOWNSHIP                                     |   |
| Elevation Reliabilit                | y:                          |                           |                      | Site Info:                      |   |   |
| Depth to Bedrock:                   |                             |                           |                      | Lot:                            | 006   |   |
| Well Depth:                         | _                           |                           |                      | Concession:                     | 03  |   |
| Overburden/Bedro                    | ck:                         |                           |                      | Concession Name:                | OF  |   |
| Pump Rate:                          |                             |                           |                      | Easting NAD83:                  |   |   |
| Static Water Level:                 |                             |                           |                      | Northing NAD83:                 |   |   |
| Flowing (Y/N):                      |                             |                           |                      | Zone:                           |   |   |
| Flow Rate:<br>Clear/Cloudy:         |                             |                           |                      | UTM Reliability:                |   |   |
| PDF URL (Map):                      |                             | https://d2khazk8e         | e83rdv.cloudfront.ne | et/moe_mapping/downloads        | s/2Water/Wells_pdfs/151\1510906.pdf                     |   |
| Bore Hole Informat                  | <u>tion</u>                 |                           |                      |                                 |   |   |
| Bore Hole ID:                       | 100329                      | 09                        |                      | Elevation:                      | 84.741081   |   |
| DP2BR:                              | 118                         |                           |                      | Elevrc:                         | 40  |   |
| Spatial Status:                     |                             |                           |                      | Zone:                           | 18  |   |
| Code OB:                            | r                           |                           |                      | East83:                         | 459130.8  |   |
| Code OB Desc:                       | Bedrock                     | к                         |                      | North83:                        | 5031032   |   |
| Open Hole:                          |                             |                           |                      | Org CS:                         | 4   |   |
| Cluster Kind:                       | 0/00/40                     | 70                        |                      | UTMRC:                          | 4<br>margin of arror : 20 m 100 m                       |   |
| Date Completed:                     | 9/29/19                     | 10                        |                      | UTMRC Desc:<br>Location Method: | margin of error : 30 m - 100 m<br>p4                    |   |
| Remarks:                            |                             |                           |                      | I OCATION MOTHOd'               | 1144  |   |

Location Method:

9/29/1970 Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source:

51

p4

| Мар Кеу                                    | Number of<br>Records                          | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--|---|----------------------------|------------------|------|----|
| Improvemen<br>Source Revis<br>Supplier Con | t Location Method:<br>sion Comment:<br>nment: |                            |                  |      |    |
| Overburden<br>Materials Inte               | and Bedrock<br>erval                          |                            |                  |      |    |
| Formation ID                               | ).  | 931016148                  |                  |      |    |
| Layer:                                     | -   | 2                          |                  |      |    |
| Color:                                     |   | 2                          |                  |      |    |
| General Colo<br>Mat1:                      | or:   | GREY<br>05                 |                  |      |    |
| Most Commo                                 | on Material:                                  | CLAY                       |                  |      |    |
| Mat2:                                      |   |                            |                  |      |    |
| Mat2 Desc:                                 |   |                            |                  |      |    |
| Mat3:<br>Mat3 Desc:                        |   |                            |                  |      |    |
| Formation To                               | op Depth:                                     | 6                          |                  |      |    |
| Formation E                                | nd Depth:                                     | 105                        |                  |      |    |
| Formation E                                | nd Depth UOM:                                 | ft                         |                  |      |    |
| <u>Overburden</u><br>Materials Inte        | <u>and Bedrock</u><br>erval                   |                            |                  |      |    |
| Formation ID                               | ):  | 931016147                  |                  |      |    |
| Layer:                                     |   | 1                          |                  |      |    |
| Color:<br>General Colo                     |   | 7<br>RED                   |                  |      |    |
| Mat1:                                      | л.  | 09                         |                  |      |    |
| Most Commo                                 | on Material:                                  | MEDIUM SAND                |                  |      |    |
| Mat2:                                      |   |                            |                  |      |    |
| Mat2 Desc:<br>Mat3:                        |   |                            |                  |      |    |
| Mat3 Desc:                                 |   |                            |                  |      |    |
| Formation To                               | op Depth:                                     | 0                          |                  |      |    |
| Formation E                                |   | 6                          |                  |      |    |
| Formation E                                | nd Depth UOM:                                 | ft                         |                  |      |    |
| Overburden<br>Materials Inte               | <u>and Bedrock</u><br>erval                   |                            |                  |      |    |
| Formation ID                               | );  | 931016149                  |                  |      |    |
| Layer:                                     |   | 3                          |                  |      |    |
| Color:<br>General Colo                     |   |                            |                  |      |    |
| Mat1:                                      | л.  | 11                         |                  |      |    |
| Most Commo                                 | on Material:                                  | GRAVEL                     |                  |      |    |
| Mat2:                                      |   |                            |                  |      |    |
| Mat2 Desc:<br>Mat3:                        |   |                            |                  |      |    |
| Mat3 Desc:                                 |   |                            |                  |      |    |
| Formation To                               | op Depth:                                     | 105                        |                  |      |    |
| Formation El<br>Formation El               | nd Depth:<br>nd Depth UOM:                    | 118<br>ft                  |                  |      |    |
| Overburden<br>Materials Inte               | and Bedrock                                   |                            |                  |      |    |
|  |   | 021016150                  |                  |      |    |
| Formation ID<br>Layer:                     | ):  | 931016150<br>4             |                  |      |    |
| Color:                                     |   | 8                          |                  |      |    |
| General Colo                               | or:   | BLACK                      |                  |      |    |
|  |   |                            |                  |      |    |

| 17<br>SHALE<br>118<br>156<br>OM: ft<br>961510906<br>ode: 1<br>Cable Tool<br>tion:<br>10581479<br>1                   |   |   |   |   |
|--|---|---|---|---|
| 156<br>OM: ft<br><b>&amp; Well</b><br><b>b:</b> 961510906<br><b>ode:</b> 1<br>Cable Tool<br><b>tion:</b><br>10581479 |   |   |   |   |
| 156<br>OM: ft<br><b>&amp; Well</b><br><b>b:</b> 961510906<br><b>ode:</b> 1<br>Cable Tool<br><b>tion:</b><br>10581479 |   |   |   |   |
| 156<br>OM: ft<br><b>&amp; Well</b><br><b>b:</b> 961510906<br><b>ode:</b> 1<br>Cable Tool<br><b>tion:</b><br>10581479 |   |   |   |   |
| 156<br>OM: ft<br><b>&amp; Well</b><br><b>b:</b> 961510906<br><b>ode:</b> 1<br>Cable Tool<br><b>tion:</b><br>10581479 |   |   |   |   |
| OM:       ft         • & Well       961510906         ode:       1         Cable Tool         tion:         10581479 |   |   |   |   |
| 0: 961510906<br>ode: 1<br>Cable Tool<br>tion:<br>10581479  |   |   |   |   |
| ode: 1<br>Cable Tool<br>tion:<br>10581479  |   |   |   |   |
| Cable Tool<br>tion:<br>10581479  |   |   |   |   |
| <i>tion:</i><br>10581479   |   |   |   |   |
|  |   |   |   |   |
|  |   |   |   |   |
| 1  |   |   |   |   |
|  |   |   |   |   |
|  |   |   |   |   |
| Casing   |   |   |   |   |
| 930058363  |   |   |   |   |
|  |   |   |   |   |
| STEEL  |   |   |   |   |
| 118  |   |   |   |   |
| 6  |   |   |   |   |
| inch   |   |   |   |   |
| ft   |   |   |   |   |
| Casing   |   |   |   |   |
| 930058364  |   |   |   |   |
|  |   |   |   |   |
|  |   |   |   |   |
|  |   |   |   |   |
| 156  |   |   |   |   |
| inch   |   |   |   |   |
| ft   |   |   |   |   |
| esting   |   |   |   |   |
| 991510906  |   |   |   |   |
| A <b>7</b>   |   |   |   |   |
|  |   |   |   |   |
|  |   |   |   |   |
| 10   |   |   |   |   |
| _  |   |   |   |   |
| ate: 7   |   |   |   |   |
|  |   |   |   |   |
| Code: 2  |   |   |   |   |
|  | <b>Sasing</b> 930058363         1         1         STEEL         118         6         inch         ft         930058364         2         4         OPEN HOLE         156         inch         ft         991510906         47         51         70         10         ate:       7         ft         Sode:       2 | Streel       930058363         1       1         STEEL       118         6       inch         inch       1         tt       930058364         2       4         OPEN HOLE       156         inch       1         sting       991510906         ate:       7         ft       70         10       10         ate:       7         ft       GPM         sode:       2 | 2asing       930058363         1       1         STEEL       118         118       6         inch       1         t       930058364         2       4         OPEN HOLE       156         inch       1         sting       991510906         ate:       7         ft       70         10       10 | Sasing       930058363         1       1         STEEL       118         6       6         inch       1         t       930058364         2       4         OPEN HOLE       156         inch       1         tt       991510906         rg:       51         sting       91510906         rg:       70         10       10         ate:       7         GPM       2         code:       2 |

| Мар Кеу   | Number<br>Records                | of Direction/<br>Distance (m)           | Elev/Diff<br>(m) | Site  | DB  |
|---|----------------------------------|---|------------------|---|-----|
| Water State A<br>Pumping Tes<br>Pumping Du<br>Pumping Du<br>Flowing:  | st Method:<br>ration HR:         | CLOUDY<br>2<br>1<br>0<br>No             |                  |   |     |
| <u>Draw Down a</u>  | <u>&amp; Recovery</u>            |   |                  |   |     |
| Pump Test D<br>Test Type:<br>Test Duration<br>Test Level:<br>Test Level U   | n:                               | 934097460<br>Recovery<br>15<br>47<br>ft |                  |   |     |
| Draw Down &   | <u>&amp; Recovery</u>            |   |                  |   |     |
| Pump Test D<br>Test Type:<br>Test Duration<br>Test Level:<br>Test Level U   | n:                               | 934642189<br>Recovery<br>45<br>47<br>ft |                  |   |     |
| <u>Draw Down a</u>  | <u>&amp; Recovery</u>            |   |                  |   |     |
| Pump Test D<br>Test Type:<br>Test Duration<br>Test Level:<br>Test Level U   | n:                               | 934381168<br>Recovery<br>30<br>47<br>ft |                  |   |     |
| <u>Draw Down a</u>  | <u>&amp; Recovery</u>            |   |                  |   |     |
| Pump Test D<br>Test Type:<br>Test Duration<br>Test Level:<br>Test Level U   | n:                               | 934899113<br>Recovery<br>60<br>47<br>ft |                  |   |     |
| Water Details   | <u>s</u>                         |   |                  |   |     |
| Water ID:<br>Layer:<br>Kind Code:<br>Kind:<br>Water Found<br>Water Found  | l Depth:<br>I Depth UOM          | 933465954<br>1<br>FRESH<br>150<br>ft    |                  |   |     |
| <u>9</u>  | 1 of 1                           | ESE/27.8                                | 79.9 / -1.00     | BUS<br>NAVAN VILLAGE, NAVAN RD & PAGE RD.<br>MOTOR VEHICLE (OPERATING FLUID)<br>CUMBERLAND TOWNSHIP ON  | SPL |
| Ref No:<br>Site No:<br>Incident Dt:<br>Year:<br>Incident Cau<br>Incident Eve<br>Contaminant<br>Contaminant<br>Contaminant | se:<br>nt:<br>t Code:<br>t Name: | 123268<br>2/2/1996<br>PIPE/HOSE LEAK    |                  | Discharger Report:<br>Material Group:<br>Health/Env Conseq:<br>Client Type:<br>Sector Type:<br>Agency Involved:<br>Nearest Watercourse:<br>Site Address:<br>Site District Office: |     |

| Мар Кеу   | Numbe<br>Record    |   | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site  |                                | DB   |
|---|--------------------|---|----------------------------|------------------|---|--------------------------------|------|
| Contam Limit Freq 1:<br>Contaminant UN No 1:<br>Environment Impact:<br>Nature of Impact:<br>Receiving Medium:<br>Receiving Env:<br>MOE Response:<br>Dt MOE Arvl on Scn:<br>MOE Reported Dt:<br>Dt Document Closed:<br>Incident Reason:<br>Site Name:<br>Site County/District: |                    | NOT ANTICI<br>LAND<br>2/2/1996<br>EQUIPMENT |                            |                  | Site Postal Code:<br>Site Region:<br>Site Municipality:<br>Site Lot:<br>Site Conc:<br>Northing:<br>Easting:<br>Site Geo Ref Accu:<br>Site Map Datum:<br>SAC Action Class:<br>Source Type: | 20601<br>GLOUCESTER WORKS DEPT |      |
| Site County,<br>Site Geo Re<br>Incident Su<br>Contaminar  | ef Meth:<br>mmary: | OC  | TRANSPORTAT                | TION BUS- 5 LIT  | RE HYDRAULIC OIL TO RO  | DAD. WORKS CLEANING.           |      |
| <u>10</u>   | 1 of 1             | И   | //43.6                     | 80.2 / -0.69     | CHAPEL HILL BRIAN<br>lot 6 con 3<br>Ottawa ON   | N COBURN ROAD BH17-02          | wwis |
| Well ID:<br>Construction Date:<br>Primary Water Use:<br>Sec. Water Use:<br>Final Well Status:   |                    | 7338724<br>Abandoned-C                      | Dther                      |                  | Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:   | 8/2/2019<br>Yes<br>Yes         |      |

Construction Method:

Z256657

A191634

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

Water Type:

Audit No:

Tag:

Casing Material:

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/733\7338724.pdf

Contractor:

Owner:

County:

Site Info:

Lot:

Zone:

Form Version:

Street Name:

Municipality:

Concession:

**Concession Name:** 

Easting NAD83:

UTM Reliability:

Northing NAD83:

1558

CHAPEL HILL BRIAN COBURN ROAD BH17-

GLOUCESTER TOWNSHIP

7

02 OTTAWA

006

03 OF

#### Bore Hole Information

Improvement Location Method: Source Revision Comment: Supplier Comment:

PDF URL (Map):

| Bore Hole ID:<br>DP2BR:<br>Spatial Status:<br>Code OB:<br>Code OB Desc: | 1007586439 | Elevation:<br>Elevrc:<br>Zone:<br>East83:<br>North83: | 18<br>459071<br>5031147<br>UTM83    |
|---|------------|---|-------------------------------------|
| Open Hole:<br>Cluster Kind:<br>Date Completed:                          | 12/13/2018 | Org CS:<br>UTMRC:<br>UTMRC Desc:                      | 4<br>margin of error : 30 m - 100 m |
| Remarks:<br>Elevrc Desc:<br>Location Source Dat<br>Improvement Locati   |            | Location Method:                                      | wwr                                 |

| Map Key                       | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | Di |
|-------------------------------|----------------------|----------------------------|------------------|------|----|
| Annular Space<br>Sealing Reco | ce/Abandonment       |                            |                  |      |    |
| Sealing Reco                  | <u>nu</u>            |                            |                  |      |    |
| Plug ID:                      |                      | 1007977693                 |                  |      |    |
| Layer:                        |                      | 1                          |                  |      |    |
| Plug From:                    |                      | 10.05                      |                  |      |    |
| Plug To:                      |                      | 0                          |                  |      |    |
| Plug Depth U                  | IOM:                 | m                          |                  |      |    |
| Pipe Informa                  | tion                 |                            |                  |      |    |
| Pipe ID:                      |                      | 1007975294                 |                  |      |    |
| Casing No:                    |                      | 0                          |                  |      |    |
| Comment:                      |                      |                            |                  |      |    |
| Alt Name:                     |                      |                            |                  |      |    |
| Results of W                  | ell Yield Testing    |                            |                  |      |    |
| Pump Test ID                  | ):                   | 1007980484                 |                  |      |    |
| Pump Set At:                  | •                    |                            |                  |      |    |
| Static Level:                 |                      |                            |                  |      |    |
| Final Level A                 | fter Pumping:        |                            |                  |      |    |
|                               | ed Pump Depth:       |                            |                  |      |    |
| Pumping Rat                   | e:                   |                            |                  |      |    |
| Flowing Rate                  | :                    |                            |                  |      |    |
| Recommende                    | ed Pump Rate:        |                            |                  |      |    |
| Levels UOM:                   |                      | m                          |                  |      |    |
| Rate UOM:                     |                      | LPM                        |                  |      |    |
|                               | After Test Code:     |                            |                  |      |    |
| Water State A                 |                      |                            |                  |      |    |
| Pumping Tes                   | t Method:            | 0                          |                  |      |    |
| Pumping Dur                   |                      |                            |                  |      |    |
| Pumping Dur                   | ration MIN:          |                            |                  |      |    |
| Flowing:                      |                      |                            |                  |      |    |

| ON   | BORE |
|--|------|
|  |      |
| Borehole ID: 615087 Inclin FLG: No                                   |      |
| OGF ID: 215516029 SP Status: Initial Entry                           |      |
| Status: Surv Elev: No  |      |
| Type: Borehole Piezometer: No  |      |
| Use: Primary Name:   |      |
| Completion Date: Municipality:                                       |      |
| Static Water Level: 9.5 Lot:   |      |
| Primary Water Use: Township:   |      |
| Sec. Water Use: Latitude DD: 45.430378                               |      |
| Total Depth m:         -999         Longitude DD:         -75.517868 |      |
| Depth Ref:Ground SurfaceUTM Zone:18                                  |      |
| Depth Elev: Easting: 459491  |      |
| Drill Method: Northing: 5030892                                      |      |
| Orig Ground Elev m: 79.2 Location Accuracy:                          |      |
| Elev Reliabil Note: Accuracy: Not Applicable                         |      |
| DEM Ground Elev m: 79.8  |      |
| Concession:  |      |
| Location D:  |      |
| Survey D:  |      |
| Comments:  |      |

## Borehole Geology Stratum

Geology Stratum ID: 2

**D:** 218400374

Mat Consistency:

| Map Key                      | Number<br>Records |           | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site  | DB  |
|------------------------------|-------------------|-----------|----------------------------|------------------|---|---|
| Top Depth:                   |                   | 29        |                            |                  | Material Moisture:                                      |   |
| Bottom Depth                 |                   |           |                            |                  | Material Texture:                                       |   |
| Material Colo                | r:                | Red       |                            |                  | Non Geo Mat Type:                                       |   |
| Material 1:                  |                   | Bedrock   |                            |                  | Geologic Formation:                                     |   |
| Material 2:                  |                   | Shale     |                            |                  | Geologic Group:   |   |
| Material 3:                  |                   |           |                            |                  | Geologic Period:  |   |
| Material 4:                  |                   |           |                            |                  | Depositional Gen:                                       |   |
| Gsc Material                 | Description       |           |                            |                  |   |   |
| Stratum Desc                 | ription:          |           |                            |                  | 40008910030RED. 0000500<br>have a truncated [Stratum De | 04000300540190100 020 00065 **Note: Many escription] field. |
| Geology Stra                 | tum ID:           | 21840037  | 2                          |                  | Mat Consistency:  |   |
| Top Depth:                   |                   | 0         |                            |                  | Material Moisture:                                      |   |
| Bottom Depth                 | n:                | 17.7      |                            |                  | Material Texture:                                       |   |
| Material Colo                | r:                |           |                            |                  | Non Geo Mat Type:                                       |   |
| Material 1:                  |                   | Clay      |                            |                  | Geologic Formation:                                     |   |
| Material 2:                  |                   |           |                            |                  | Geologic Group:   |   |
| Material 3:                  |                   |           |                            |                  | Geologic Period:  |   |
| Material 4:                  |                   |           |                            |                  | Depositional Gen:                                       |   |
| Gsc Material                 | Description       | c         |                            |                  |   |   |
| Stratum Desc                 |                   |           | CLAY.                      |                  |   |   |
| Geology Stra                 | tum ID:           | 21840037  | 3                          |                  | Mat Consistency:  |   |
| Top Depth:                   |                   | 17.7      |                            |                  | Material Moisture:                                      |   |
| Bottom Dept                  | n:                | 29        |                            |                  | Material Texture:                                       |   |
| Material Colo                |                   | -         |                            |                  | Non Geo Mat Type:                                       |   |
| Material 1:                  |                   | Gravel    |                            |                  | Geologic Formation:                                     |   |
| Material 2:                  |                   |           |                            |                  | Geologic Group:   |   |
| Material 3:                  |                   |           |                            |                  | Geologic Period:  |   |
| Material 4:                  |                   |           |                            |                  | Depositional Gen:                                       |   |
| Gsc Material                 | Description       | :         |                            |                  |   |   |
| Stratum Desc                 | •                 |           | GRAVEL. WATER S            | TABLE AT 228.9   | 9 FEET.   |   |
| <u>Source</u>                |                   |           |                            |                  |   |   |
| Source Type:                 |                   | Data Surv | rey                        |                  | Source Appl:  | Spatial/Tabular   |
| Source Orig:                 |                   | Geologica | I Survey of Canada         |                  | Source Iden:  | 1   |
| Source Date:                 |                   | 1956-1972 |                            |                  | Scale or Res:   | Varies  |
| Confidence:                  |                   | Μ         |                            |                  | Horizontal:   | NAD27   |
| Observatio:                  |                   |           |                            |                  | Verticalda:   | Mean Average Sea Level                                      |
| Source Name                  | c.                |           | Urban Geology Auto         | mated Informatio | on System (UGAIS)                                       | ů.  |
| Source Detail                | s:                |           |                            |                  | 0 NTS_Sheet: 31G05H                                     |   |
| Confiden 1:                  |                   |           | Reliable information       |                  | -   |   |
| <u>Source List</u>           |                   |           |                            |                  |   |   |
| Source Identi                | fior              | 1         |                            |                  | Horizontal Datum:                                       | NAD27   |
| Source Type:                 |                   | Data Surv | 101/                       |                  | Vertical Datum:   |   |
| ••                           |                   | 1956-1972 |                            |                  |   | Mean Average Sea Level<br>Universal Transverse Mercator     |
| Source Date:                 |                   | Varies    | 2                          |                  | Projection Name:  | Universal Transverse Mercator                               |
| Scale or Reso<br>Source Name |                   |           | Lirbon Coology Auto        | motod Informatic | an Sylatom (LICAIS)                                     |   |
|                              |                   |           | Urban Geology Auto         |                  | on System (UGAIS)                                       |   |
| Source Origir                | lators:           |           | Geological Survey of       | Canada           |   |   |
| <u>12</u>                    | 1 of 1            |           | E/44.6                     | 80.9 / 0.00      | lot 6 con 3<br>ON                                       | WWIS  |
| Well ID:                     |                   | 1501453   |                            |                  | Data Entry Status:                                      |   |
| Construction                 | Date:             |           |                            |                  | Data Src:   | 1   |
| Primary Wate                 |                   | Domestic  |                            |                  | Date Received:  | 11/30/1965  |
| Sec. Water Us                |                   | 0         |                            |                  | Selected Flag:  | Yes   |
| Final Well Sta               |                   | Water Sup | vlac                       |                  | Abandonment Rec:  |   |
| Water Type:                  |                   |           |                            |                  | Contractor:   | 1504  |
| Casing Mater                 | ial:              |           |                            |                  | Form Version:   | 1   |
| caoning mater                |                   |           |                            |                  |   | •   |
|                              |                   |           |                            |                  |   |   |

| Map Key      | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site             |                     |  |
|--------------|----------------------|----------------------------|------------------|------------------|---------------------|--|
| Audit No:    |                      |                            |                  | Owner:           |                     |  |
| Tag:         |                      |                            |                  | Street Name:     |                     |  |
| Construction | n Method:            |                            |                  | County:          | OTTAWA              |  |
| Elevation (m | ):                   |                            |                  | Municipality:    | GLOUCESTER TOWNSHIP |  |
| Elevation Re | liability:           |                            |                  | Site Info:       |                     |  |
| Depth to Bec | lrock:               |                            |                  | Lot:             | 006                 |  |
| Well Depth:  |                      |                            |                  | Concession:      | 03                  |  |
| Overburden/  | Bedrock:             |                            |                  | Concession Name: | OF                  |  |
| Pump Rate:   |                      |                            |                  | Easting NAD83:   |                     |  |
| Static Water | Level:               |                            |                  | Northing NAD83:  |                     |  |
| Flowing (Y/N | I):                  |                            |                  | Zone:            |                     |  |
| Flow Rate:   | ,                    |                            |                  | UTM Reliability: |                     |  |
| Clear/Cloudy | <i>ı</i> :           |                            |                  |                  |                     |  |

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/150\1501453.pdf

# Bore Hole Information

| Bore Hole ID:<br>DP2BR:  | 10023496<br>96 | Elevation:<br>Elevrc: | 82.905914                       |
|--|----------------|-----------------------|---------------------------------|
| Spatial Status:  |                | Zone:                 | 18                              |
| Code OB:   | r              | East83:               | 459435.8                        |
| Code OB Desc:  | Bedrock        | North83:              | 5031072                         |
| Open Hole:   |                | Org CS:               |                                 |
| Cluster Kind:  |                | UTMRC:                | 5                               |
| Date Completed:  | 9/2/1965       | UTMRC Desc:           | margin of error : 100 m - 300 m |
| Remarks:   |                | Location Method:      | p5                              |
| Elevrc Desc:   |                |                       |                                 |
| Location Source Date<br>Improvement Location<br>Improvement Location | on Source:     |                       |                                 |

Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

| Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3: | 930991866<br>3<br>6<br>BROWN<br>19<br>SLATE |
|---|---|
| Mats:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth:<br>Formation End Depth UOM:                       | 96<br>103<br>ft                             |

# Overburden and Bedrock

|  | Materia | ls In | terval |
|--|---------|-------|--------|
|--|---------|-------|--------|

| Formation ID:                | 930991864 |
|------------------------------|-----------|
| Layer:                       | 1         |
| Color:                       | 3         |
| General Color:               | BLUE      |
| Mat1:                        | 05        |
| Most Common Material:        | CLAY      |
| Mat2:<br>Mat2 Desc:<br>Mat3: |           |

DB

| Map Key   | Number of<br>Records                             | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---|--|----------------------------|------------------|------|----|
| Mat3 Desc:                                      |  |                            |                  |      |    |
| Formation To<br>Formation El                    |  | 0<br>90                    |                  |      |    |
|   | nd Depth UOM:                                    | ft                         |                  |      |    |
| <u>Overburden a</u><br>Materials Inte           | and Bedrock<br>erval                             |                            |                  |      |    |
| Formation ID                                    | ):   | 930991865                  |                  |      |    |
| Layer:  |  | 2                          |                  |      |    |
| Color:<br>General Colo                          | or:  |                            |                  |      |    |
| Mat1:   |  | 11                         |                  |      |    |
| Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3:      | on Material:                                     | GRAVEL                     |                  |      |    |
| Mat3 Desc:                                      |  |                            |                  |      |    |
| Formation To                                    | op Depth:  | 90                         |                  |      |    |
| Formation El<br>Formation El                    | nd Depth:<br>nd Depth UOM:                       | 96<br>ft                   |                  |      |    |
| <u>Method of Co</u><br><u>Use</u>               | onstruction & Well                               |                            |                  |      |    |
| Method Cons                                     | struction ID:                                    | 961501453                  |                  |      |    |
| Method Cons                                     | struction Code:<br>struction:<br>d Construction: | 7<br>Diamond               |                  |      |    |
| <u>Pipe Informa</u>                             | <u>tion</u>                                      |                            |                  |      |    |
| Pipe ID:<br>Casing No:<br>Comment:<br>Alt Name: |  | 10572066<br>1              |                  |      |    |
| <b>Construction</b>                             | Record - Casing                                  |                            |                  |      |    |
| Casing ID:                                      |  | 930039871                  |                  |      |    |
| Layer:  |  | 1                          |                  |      |    |
| Material:<br>Open Hole o                        | r Mətorial:                                      |                            |                  |      |    |
| Depth From:                                     | Malenai.   |                            |                  |      |    |
| Depth To:                                       |  | 96                         |                  |      |    |
| Casing Diam                                     | eter:  | 2<br>inch                  |                  |      |    |
| Casing Diam<br>Casing Deptl                     |  | ft                         |                  |      |    |
| <u>Construction</u>                             | Record - Casing                                  |                            |                  |      |    |
| Casing ID:                                      |  | 930039872                  |                  |      |    |
| Layer:<br>Matorial:                             |  | 2<br>4                     |                  |      |    |
| Material:<br>Open Hole of                       | r Material:                                      | 4<br>OPEN HOLE             |                  |      |    |
| Depth From:                                     |  |                            |                  |      |    |
| Depth To:                                       |  | 103                        |                  |      |    |
| Casing Diam<br>Casing Diam                      | eter:<br>eter UOM:                               | 2<br>inch                  |                  |      |    |
| Casing Depti                                    |  | ft                         |                  |      |    |

| Map Key             | Number<br>Records |              | Direction/<br>Distance (m) | Elev/Diff<br>(m)  | Site                            |                                    | DE  |
|---------------------|-------------------|--------------|----------------------------|-------------------|---------------------------------|------------------------------------|-----|
| Results of W        | ell Yield Te      | <u>sting</u> |                            |                   |                                 |                                    |     |
| Pump Test II        |                   |              | 991501453                  |                   |                                 |                                    |     |
| Pump Set At         | :                 |              |                            |                   |                                 |                                    |     |
| Static Level:       |                   |              | 35                         |                   |                                 |                                    |     |
| Final Level A       | After Pumpii      | ng:          | 60                         |                   |                                 |                                    |     |
| Recommend           |                   |              | 60                         |                   |                                 |                                    |     |
| Pumping Ra          |                   | •            | 10                         |                   |                                 |                                    |     |
| Flowing Rate        |                   |              |                            |                   |                                 |                                    |     |
| Recommend           |                   | ate:         | 6                          |                   |                                 |                                    |     |
| Levels UOM:         | -                 |              | ft                         |                   |                                 |                                    |     |
| Rate UOM:           |                   |              | GPM                        |                   |                                 |                                    |     |
| Water State         | After Test C      | ode.         | 1                          |                   |                                 |                                    |     |
| Water State         |                   | oue.         | CLEAR                      |                   |                                 |                                    |     |
| Pumping Tes         |                   |              | 1                          |                   |                                 |                                    |     |
|                     |                   |              | 2                          |                   |                                 |                                    |     |
| Pumping Du          |                   |              | 0                          |                   |                                 |                                    |     |
| Pumping Du          | ration win:       |              | -                          |                   |                                 |                                    |     |
| Flowing:            |                   |              | No                         |                   |                                 |                                    |     |
| Water Details       | <u>s</u>          |              |                            |                   |                                 |                                    |     |
| Water ID:           |                   |              | 933454160                  |                   |                                 |                                    |     |
| Layer:              |                   |              | 1                          |                   |                                 |                                    |     |
| Kind Code:          |                   |              | 1                          |                   |                                 |                                    |     |
| Kind:               |                   |              | FRESH                      |                   |                                 |                                    |     |
| Water Found         | l Denth           |              | 103                        |                   |                                 |                                    |     |
| Water Found         |                   | M-           | ft                         |                   |                                 |                                    |     |
|                     |                   |              |                            |                   |                                 |                                    |     |
| <u>13</u>           | 1 of 1            |              | E/47.4                     | 80.9 / 0.00       | lot 5 con 3<br>ON               |                                    | www |
| Well ID:            |                   | 1511514      |                            |                   | Data Entry Status:              |                                    |     |
| Construction        | Data              | 1511514      |                            |                   | Data Entry Status.<br>Data Src: | 1                                  |     |
|                     |                   | Domostic     |                            |                   |                                 |                                    |     |
| Primary Wat         |                   | Domestic     | ;                          |                   | Date Received:                  | 12/22/1971                         |     |
| Sec. Water U        |                   | 0            |                            |                   | Selected Flag:                  | Yes                                |     |
| Final Well St       | atus:             | Water Su     | ірріу                      |                   | Abandonment Rec:                |                                    |     |
| Water Type:         |                   |              |                            |                   | Contractor:                     | 1504                               |     |
| Casing Mate         | rial:             |              |                            |                   | Form Version:                   | 1                                  |     |
| Audit No:           |                   |              |                            |                   | Owner:                          |                                    |     |
| Tag:                |                   |              |                            |                   | Street Name:                    |                                    |     |
| Constructior        |                   |              |                            |                   | County:                         | OTTAWA                             |     |
| Elevation (m        | ):                |              |                            |                   | Municipality:                   | GLOUCESTER TOWNSHIP                |     |
| Elevation Re        |                   |              |                            |                   | Site Info:                      |                                    |     |
| Depth to Bed        |                   |              |                            |                   | Lot:                            | 005                                |     |
| Well Depth:         |                   |              |                            |                   | Concession:                     | 03                                 |     |
| Overburden/         | Bedrock:          |              |                            |                   | Concession Name:                | OF                                 |     |
| Pump Rate:          |                   |              |                            |                   | Easting NAD83:                  |                                    |     |
| Static Water        | Level:            |              |                            |                   | Northing NAD83:                 |                                    |     |
| Flowing (Y/N        |                   |              |                            |                   | Zone:                           |                                    |     |
| Flow Rate:          |                   |              |                            |                   | UTM Reliability:                |                                    |     |
| Clear/Cloudy        | /:                |              |                            |                   | e nii Konabinty.                |                                    |     |
| PDF URL (Ma         | ap):              |              | https://d2khazk8e83        | Brdv.cloudfront.n | et/moe_mapping/downloads        | /2Water/Wells_pdfs/151\1511514.pdf |     |
| <u>Bore Hole In</u> | formation         |              |                            |                   |                                 |                                    |     |
| Bore Hole ID        | ):                | 1003350      | 8                          |                   | Elevation:                      | 82.301673                          |     |
| DP2BR:              |                   | 90           |                            |                   | Elevrc:                         |                                    |     |
|                     |                   |              |                            |                   |                                 |                                    |     |

| Bore Hole ID:   | 10033306 | Elevation: | 02.301073 |
|-----------------|----------|------------|-----------|
| DP2BR:          | 90       | Elevrc:    |           |
| Spatial Status: |          | Zone:      | 18        |
| Code OB:        | r        | East83:    | 459480.8  |
| Code OB Desc:   | Bedrock  | North83:   | 5031062   |
| Open Hole:      |          | Org CS:    |           |
| Cluster Kind:   |          | UTMRC:     | 4         |
|                 |          |            |           |

| Remarks:<br>Elevrc Desc:<br>Location Source Date:<br>Improvement Location Source<br>Improvement Location Method<br>Source Revision Comment:<br>Supplier Comment:<br>Supplier Comment:<br>Overburden and Bedrock<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Overburden and Bedrock<br>Materials Interval<br>Formation End Depth UOM:<br>Overburden and Bedrock<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Mat2:<br>Mat3:<br>Mat3 Desc:<br>Formation End Depth:<br>Formation End Depth:<br>Formation End Depth:<br>Formation End Depth:<br>Formation End Depth UOM:<br>Method of Construction & We<br>Use<br>Method Construction ID:<br>Method Construction ID:<br>Method Construction:<br>Other Method Construction: | 931017948<br>1<br>3<br>BLUE<br>05<br>CLAY<br>0<br>90<br>ft<br>931017949<br>2<br>2<br>GREY<br>15 | UTMRC Desc:<br>Location Method: | margin of error : 30 m - 100 m<br>p4 |  |
|---|---|---------------------------------|--------------------------------------|--|
| Materials Interval         Formation ID:         Layer:         Color:         General Color:         Mat1:         Most Common Material:         Mat2:         Mat2:         Mat2:         Mat2:         Mat3:         Mat3:         Mat3:         Mat3:         Formation Top Depth:         Formation End Depth         Formation End Depth UOM:         Overburden and Bedrock         Materials Interval         Formation ID:         Layer:         Color:         General Color:         Mat1:         Most Common Material:         Mat2:         Mat2 Desc:         Mat3:         Mat2:         Mat2:         Mat2 Desc:         Mat3:         Mat3:         Formation Top Depth:         Formation End Depth UOM:         Method of Construction & Waterial:         Method Construction ID:         Method Construction ID:         Method Construction ID:         Method Construction:         Wethod Construction:         Other Method Cons   | 1<br>3<br>BLUE<br>05<br>CLAY<br>0<br>90<br>ft<br>931017949<br>2<br>2<br>GREY<br>15              |                                 |                                      |  |
| Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Overburden and Bedrock<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation End Depth:<br>Formation End Depth:<br>Formation End Depth:<br>Formation End Depth:<br>Formation End Depth UOM:<br>Method of Construction & We<br>Use<br>Method Construction ID:<br>Method Construction Code:<br>Method Construction:<br>Other Method Construction:   | 1<br>3<br>BLUE<br>05<br>CLAY<br>0<br>90<br>ft<br>931017949<br>2<br>2<br>GREY<br>15              |                                 |                                      |  |
| Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Overburden and Bedrock<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation End Depth:<br>Formation End Depth:<br>Formation End Depth:<br>Formation End Depth UOM:<br>Method of Construction & We<br>Use<br>Method Construction ID:<br>Method Construction Code:<br>Method Construction:<br>Other Method Construction:  | 3<br>BLUE<br>05<br>CLAY<br>0<br>90<br>ft<br>931017949<br>2<br>2<br>GREY<br>15                   |                                 |                                      |  |
| General Color:<br>Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Overburden and Bedrock<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth:<br>Formation End Depth:<br>Formation End Depth:<br>Formation End Depth UOM:<br>Method of Construction & Wa<br>Use<br>Method Construction ID:<br>Method Construction:<br>Other Method Construction:   | BLUE<br>05<br>CLAY<br>0<br>90<br>ft<br>931017949<br>2<br>2<br>GREY<br>15                        |                                 |                                      |  |
| Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Formation End Depth UOM:<br>Overburden and Bedrock<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Formation End Depth UOM:<br>Method of Construction & Wa<br>Use<br>Method Construction ID:<br>Method Construction:<br>Other Method Construction:   | 05<br>CLAY<br>0<br>90<br>ft<br>931017949<br>2<br>2<br>GREY<br>15                                |                                 |                                      |  |
| Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Overburden and Bedrock<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Formation End Depth UOM:<br>Method of Construction & Wa<br>Use<br>Method Construction ID:<br>Method Construction ID:<br>Method Construction:<br>Other Method Construction:   | CLAY<br>0<br>90<br>ft<br>931017949<br>2<br>2<br>GREY<br>15                                      |                                 |                                      |  |
| Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth<br>Formation End Depth UOM:<br>Overburden and Bedrock<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Formation End Depth UOM:<br>Method of Construction & Wata<br>Use<br>Method Construction ID:<br>Method Construction:<br>Method Construction:<br>Method Construction:<br>Method Construction:<br>Method Construction:<br>Method Construction:<br>Method Construction:<br>Method Construction:   | 0<br>90<br>ft<br>931017949<br>2<br>2<br>GREY<br>15  |                                 |                                      |  |
| Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth:<br>Formation End Depth UOM:<br>Overburden and Bedrock<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Formation End Depth UOM:<br>Method of Construction & Wa<br>Use<br>Method Construction ID:<br>Method Construction ID:<br>Method Construction:<br>Other Method Construction:  | 90<br>ft<br>931017949<br>2<br>2<br>GREY<br>15   |                                 |                                      |  |
| Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth:<br>Formation End Depth UOM:<br>Overburden and Bedrock<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Formation End Depth UOM:<br>Method of Construction & Wa<br>Use<br>Method Construction ID:<br>Method Construction ID:<br>Method Construction:<br>Other Method Construction:  | 90<br>ft<br>931017949<br>2<br>2<br>GREY<br>15   |                                 |                                      |  |
| Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth:<br>Formation End Depth UOM:<br>Overburden and Bedrock<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation End Depth:<br>Formation End Depth:<br>Formation End Depth UOM:<br>Method of Construction & Wa<br>Use<br>Method Construction ID:<br>Method Construction:<br>Other Method Construction:  | 90<br>ft<br>931017949<br>2<br>2<br>GREY<br>15   |                                 |                                      |  |
| Formation Top Depth:<br>Formation End Depth:<br>Formation End Depth UOM:<br>Overburden and Bedrock<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation End Depth:<br>Formation End Depth:<br>Formation End Depth UOM:<br>Method of Construction & We<br>Use<br>Method Construction ID:<br>Method Construction:<br>Other Method Construction:   | 90<br>ft<br>931017949<br>2<br>2<br>GREY<br>15   |                                 |                                      |  |
| Formation End Depth:<br>Formation End Depth UOM:<br>Overburden and Bedrock<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Formation End Depth UOM:<br>Method of Construction & Wa<br>Use<br>Method Construction ID:<br>Method Construction ID:<br>Method Construction:<br>Other Method Construction:  | ft<br>931017949<br>2<br>2<br>GREY<br>15   |                                 |                                      |  |
| Overburden and Bedrock<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation End Depth:<br>Formation End Depth:<br>Formation End Depth UOM:<br>Method of Construction & We<br>Use<br>Method Construction ID:<br>Method Construction ID:<br>Method Construction:<br>Other Method Construction:  | 931017949<br>2<br>2<br>GREY<br>15   |                                 |                                      |  |
| Materials Interval         Formation ID:         Layer:         Color:         General Color:         Mat1:         Most Common Material:         Mat2:         Mat2 Desc:         Mat3:         Mat3:         Mat3:         Formation Top Depth:         Formation End Depth         Formation End Depth         Formation End Depth         Wethod of Construction & We         Use         Method Construction ID:         Method Construction Code:         Method Construction:         Other Method Construction:   | 2<br>2<br>GREY<br>15  |                                 |                                      |  |
| Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Formation End Depth UOM:<br>Method of Construction & Wa<br>Use<br>Method Construction ID:<br>Method Construction ID:<br>Method Construction:<br>Other Method Construction:  | 2<br>2<br>GREY<br>15  |                                 |                                      |  |
| Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Formation End Depth UOM:<br>Method of Construction & Wa<br>Use<br>Method Construction ID:<br>Method Construction ID:<br>Method Construction:<br>Other Method Construction:  | 2<br>GREY<br>15   |                                 |                                      |  |
| General Color:<br>Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth UOM:<br>Formation End Depth UOM:<br>Method of Construction & We<br>Use<br>Method Construction ID:<br>Method Construction ID:<br>Method Construction:<br>Other Method Construction:  | GREY<br>15  |                                 |                                      |  |
| Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth<br>Formation End Depth UOM:<br>Method of Construction & Wa<br>Use<br>Method Construction ID:<br>Method Construction Code:<br>Method Construction:<br>Other Method Construction:   | 15  |                                 |                                      |  |
| Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth<br>Formation End Depth UOM:<br>Method of Construction & Wa<br>Use<br>Method Construction ID:<br>Method Construction Code:<br>Method Construction:<br>Other Method Construction:  |   |                                 |                                      |  |
| Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth:<br>Formation End Depth UOM:<br>Method of Construction & Wa<br>Use<br>Method Construction ID:<br>Method Construction Code:<br>Method Construction:<br>Other Method Construction:   | LIMESTONE   |                                 |                                      |  |
| Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth:<br>Formation End Depth UOM:<br>Method of Construction & Wa<br>Use<br>Method Construction ID:<br>Method Construction Code:<br>Method Construction:<br>Other Method Construction:   | LIMESTONE   |                                 |                                      |  |
| Mat3:<br>Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth:<br>Formation End Depth UOM:<br><u>Method of Construction &amp; Wey<br/>Use</u><br>Method Construction ID:<br>Method Construction Code:<br>Method Construction:<br>Other Method Construction:  |   |                                 |                                      |  |
| Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth:<br>Formation End Depth UOM:<br><u>Method of Construction &amp; Wey<br/>Use</u><br>Method Construction ID:<br>Method Construction Code:<br>Method Construction:<br>Other Method Construction:   |   |                                 |                                      |  |
| Formation End Depth:<br>Formation End Depth UOM:<br><u>Method of Construction &amp; Wey</u><br><u>Use</u><br>Method Construction ID:<br>Method Construction Code:<br>Method Construction:<br>Other Method Construction:   |   |                                 |                                      |  |
| Formation End Depth:<br>Formation End Depth UOM:<br><u>Method of Construction &amp; Wey</u><br>Use<br>Method Construction ID:<br>Method Construction Code:<br>Method Construction:<br>Other Method Construction:  | 90  |                                 |                                      |  |
| <u>Method of Construction &amp; Wayse</u><br><u>Use</u><br>Method Construction ID:<br>Method Construction Code:<br>Method Construction:<br>Other Method Construction:   | 95  |                                 |                                      |  |
| <u>Use</u><br>Method Construction ID:<br>Method Construction Code:<br>Method Construction:<br>Other Method Construction:  | ft  |                                 |                                      |  |
| Method Construction Code:<br>Method Construction:<br>Other Method Construction:   | ell   |                                 |                                      |  |
| Method Construction Code:<br>Method Construction:<br>Other Method Construction:   | 961511514   |                                 |                                      |  |
| Other Method Construction:  | 7   |                                 |                                      |  |
|   | Diamond   |                                 |                                      |  |
| Pipe Information  |   |                                 |                                      |  |
| Pipo ID:  | 10582078  |                                 |                                      |  |
| Pipe ID:<br>Casing No:  | 10582078  |                                 |                                      |  |
| Comment:  | I   |                                 |                                      |  |
| Alt Name:   |   |                                 |                                      |  |
| Construction Record - Casing  |   |                                 |                                      |  |
| Casing ID:<br>Layer:  | g   |                                 |                                      |  |

| Мар Кеу                       | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB                    |
|-------------------------------|----------------------|----------------------------|------------------|------|-----------------------|
| Material:<br>Open Hole or     |                      | 4<br>OPEN HOLE             |                  |      |                       |
| Depth From:<br>Depth To:      |                      | 95                         |                  |      |                       |
| Casing Diam<br>Casing Diam    |                      | inch                       |                  |      |                       |
| Casing Dept                   |                      | ft                         |                  |      |                       |
| <u>Construction</u>           | Record - Casing      |                            |                  |      |                       |
| Casing ID:                    |                      | 930059511                  |                  |      |                       |
| Layer:<br>Material:           |                      | 1<br>2                     |                  |      |                       |
| Open Hole of                  | r Material:          | GALVANIZED                 |                  |      |                       |
| Depth From:                   |                      |                            |                  |      |                       |
| Depth To:<br>Casing Diam      | otor.                | 92<br>2                    |                  |      |                       |
| Casing Diam                   |                      | inch                       |                  |      |                       |
| Casing Dept                   |                      | ft                         |                  |      |                       |
| Results of W                  | ell Yield Testing    |                            |                  |      |                       |
| Pump Test ID                  |                      | 991511514                  |                  |      |                       |
| Pump Set At:<br>Static Level: |                      | 28                         |                  |      |                       |
|                               | fter Pumping:        | 40                         |                  |      |                       |
|                               | ed Pump Depth:       | 50                         |                  |      |                       |
| Pumping Rat<br>Flowing Rate   |                      | 10                         |                  |      |                       |
|                               | ed Pump Rate:        | 6                          |                  |      |                       |
| Levels UOM:                   |                      | ft                         |                  |      |                       |
| Rate UOM:<br>Water State      | After Test Code:     | GPM<br>1                   |                  |      |                       |
| Water State A                 |                      | CLEAR                      |                  |      |                       |
| Pumping Tes                   |                      | 1                          |                  |      |                       |
| Pumping Dur<br>Pumping Dur    |                      | 2<br>0                     |                  |      |                       |
| Flowing:                      |                      | No                         |                  |      |                       |
| <u>Draw Down &amp;</u>        | Recovery             |                            |                  |      |                       |
| Pump Test D                   | etail ID:            | 934383407                  |                  |      |                       |
| Test Type:                    |                      | Draw Down                  |                  |      |                       |
| Test Duration<br>Test Level:  | 1:                   | 30<br>35                   |                  |      |                       |
| Test Level U                  | ОМ:                  | ft                         |                  |      |                       |
| <u>Draw Down &amp;</u>        | & Recovery           |                            |                  |      |                       |
| Pump Test D                   | etail ID:            | 934644428                  |                  |      |                       |
| Test Type:                    |                      | Draw Down                  |                  |      |                       |
| Test Duratior<br>Test Level:  | 1:                   | 45<br>40                   |                  |      |                       |
| Test Level U                  | ОМ:                  | ft                         |                  |      |                       |
| <u>Draw Down &amp;</u>        | & Recovery           |                            |                  |      |                       |
| Pump Test D                   | etail ID:            | 934901347                  |                  |      |                       |
| Test Type:                    |                      | Draw Down                  |                  |      |                       |
| Test Duratior<br>Test Level:  | า:                   | 60<br>40                   |                  |      |                       |
| Test Level U                  | ОМ:                  | ft                         |                  |      |                       |
| 62                            | erisinfo.com   En    | vironmental Risk Info      | rmation Service  | 25   | Order No: 21031000068 |

| Мар Кеу                      | Number o<br>Records | of Direction/<br>Distance (r | Elev/Diff<br>n) (m)   | Site                     |                                    | D  |
|------------------------------|---------------------|------------------------------|-----------------------|--------------------------|------------------------------------|----|
| Draw Down &                  | Recovery            |                              |                       |                          |                                    |    |
| Pump Test De                 | etail ID:           | 934098170                    |                       |                          |                                    |    |
| Test Type:                   | etan iD.            | Draw Down                    |                       |                          |                                    |    |
| Test Duration                | ):                  | 15                           |                       |                          |                                    |    |
| Test Level:                  |                     | 30                           |                       |                          |                                    |    |
| Test Level UC                | ОМ:                 | ft                           |                       |                          |                                    |    |
| Water Details                |                     |                              |                       |                          |                                    |    |
| Water ID:                    |                     | 933466686                    |                       |                          |                                    |    |
| Layer:                       |                     | 1                            |                       |                          |                                    |    |
| Kind Code:                   |                     | 1                            |                       |                          |                                    |    |
| Kind:                        |                     | FRESH                        |                       |                          |                                    |    |
| Water Found                  | Depth:              | 95                           |                       |                          |                                    |    |
| Water Found                  | Depth UOM:          | ft                           |                       |                          |                                    |    |
| <u>14</u>                    | 1 of 1              | ESE/48.1                     | 80.9 / 0.00           | lot 5 con 3<br>ON        |                                    | ww |
| Well ID:                     |                     | 1510713                      |                       | Data Entry Status:       |                                    |    |
| Construction                 | Date:               |                              |                       | Data Src:                | 1                                  |    |
| Primary Wate                 | r Use:              | Domestic                     |                       | Date Received:           | 2/23/1971                          |    |
| Sec. Water Us                |                     | 0                            |                       | Selected Flag:           | Yes                                |    |
| Final Well Sta               | atus:               | Water Supply                 |                       | Abandonment Rec:         |                                    |    |
| Water Type:                  |                     |                              |                       | Contractor:              | 1504                               |    |
| Casing Materi                | ial:                |                              |                       | Form Version:            | 1                                  |    |
| Audit No:                    |                     |                              |                       | Owner:                   |                                    |    |
| Tag:                         |                     |                              |                       | Street Name:             |                                    |    |
| Construction                 |                     |                              |                       | County:                  | OTTAWA                             |    |
| Elevation (m)                |                     |                              |                       | Municipality:            | GLOUCESTER TOWNSHIP                |    |
| Elevation Reli               |                     |                              |                       | Site Info:               | 005                                |    |
| Depth to Bedı<br>Well Depth: | rock:               |                              |                       | Lot:<br>Concession:      | 005<br>03                          |    |
| Overburden/E                 | Bodrock:            |                              |                       | Concession Name:         | OF                                 |    |
| Pump Rate:                   | Seurock.            |                              |                       | Easting NAD83:           | 01                                 |    |
| Static Water L               | evel                |                              |                       | Northing NAD83:          |                                    |    |
| Flowing (Y/N)                |                     |                              |                       | Zone:                    |                                    |    |
| Flow Rate:                   | -                   |                              |                       | UTM Reliability:         |                                    |    |
| Clear/Cloudy:                | :                   |                              |                       | ·····,                   |                                    |    |
| PDF URL (Maj                 | p):                 | https://d2khazka             | Be83rdv.cloudfront.ne | et/moe_mapping/downloads | /2Water/Wells_pdfs/151\1510713.pdf |    |
| Bore Hole Info               | ormation            |                              |                       |                          |                                    |    |
| Bore Hole ID:                |                     | 10032730                     |                       | Elevation:               | 80.928298                          |    |
| DP2BR:<br>Spatial Status     |                     | 90                           |                       | Elevrc:<br>Zone:         | 18                                 |    |
| Spatial Status<br>Code OB:   |                     | r                            |                       | Zone:<br>East83:         | 459510.8                           |    |
| Code OB.<br>Code OB Des      |                     | Bedrock                      |                       | North83:                 | 5030992                            |    |
| Open Hole:                   |                     |                              |                       | Org CS:                  |                                    |    |
| Cluster Kind:                |                     |                              |                       | UTMRC:                   | 4                                  |    |
| Date Complet                 |                     | 5/18/1970                    |                       | UTMRC Desc:              | margin of error : 30 m - 100 m     |    |
| Remarks:                     |                     |                              |                       | Location Method:         | p4                                 |    |
| Elevrc Desc:                 | rce Date:           |                              |                       |                          |                                    |    |
|                              |                     | ource:                       |                       |                          |                                    |    |
| Location Sou                 | Location Sc         |                              |                       |                          |                                    |    |
| Location Sou<br>Improvement  |                     |                              |                       |                          |                                    |    |
| Location Sou                 | Location Me         | ethod:                       |                       |                          |                                    |    |

| Мар Кеу                             | Number of<br>Records          | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB                   |
|-------------------------------------|-------------------------------|----------------------------|------------------|------|----------------------|
| Overburden<br>Materials Inte        | and Bedrock<br>erval          |                            |                  |      |                      |
| Formation ID                        | ):                            | 931015635                  |                  |      |                      |
| Layer:                              |                               | 2                          |                  |      |                      |
| Color:                              |                               | 3                          |                  |      |                      |
| General Cold                        | or:                           | BLUE                       |                  |      |                      |
| Mat1:                               |                               | 05                         |                  |      |                      |
| Most Commo                          | on Material:                  | CLAY                       |                  |      |                      |
| Mat2:<br>Mat2 Deces                 |                               |                            |                  |      |                      |
| Mat2 Desc:<br>Mat3:                 |                               |                            |                  |      |                      |
| Mat3.<br>Mat3 Desc:                 |                               |                            |                  |      |                      |
| Formation To                        | on Denth <sup>.</sup>         | 10                         |                  |      |                      |
| Formation E                         | nd Depth:                     | 90                         |                  |      |                      |
|                                     | nd Depth UOM:                 | ft                         |                  |      |                      |
| <u>Overburden</u><br>Materials Inte | <u>and Bedrock</u><br>erval   |                            |                  |      |                      |
| Formation ID                        |                               | 931015634                  |                  |      |                      |
| Layer:                              | -                             | 1                          |                  |      |                      |
| Color:                              |                               | 5                          |                  |      |                      |
| General Cold                        | or:                           | YELLOW                     |                  |      |                      |
| Mat1:                               |                               | 09                         |                  |      |                      |
| Most Commo                          | on Material:                  | MEDIUM SAND                |                  |      |                      |
| Mat2:                               |                               | 01                         |                  |      |                      |
| Mat2 Desc:                          |                               | FILL                       |                  |      |                      |
| Mat3:                               |                               |                            |                  |      |                      |
| Mat3 Desc:                          |                               | _                          |                  |      |                      |
| Formation To                        | op Depth:                     | 0                          |                  |      |                      |
| Formation E                         |                               | 10                         |                  |      |                      |
| Formation E                         | nd Depth UOM:                 | ft                         |                  |      |                      |
| Overburden<br>Materials Inte        | <u>and Bedrock</u><br>erval   |                            |                  |      |                      |
| Formation ID                        | ):                            | 931015636                  |                  |      |                      |
| Layer:                              |                               | 3                          |                  |      |                      |
| Color:                              |                               | 6                          |                  |      |                      |
| General Colo                        | or:                           | BROWN                      |                  |      |                      |
| Mat1:                               |                               | 19                         |                  |      |                      |
| Most Commo                          | on Material:                  | SLATE                      |                  |      |                      |
| Mat2:                               |                               |                            |                  |      |                      |
| Mat2 Desc:                          |                               |                            |                  |      |                      |
| Mat3:<br>Mat3 Desc:                 |                               |                            |                  |      |                      |
| Formation To                        | on Denth:                     | 90                         |                  |      |                      |
| Formation E                         |                               | 99                         |                  |      |                      |
|                                     | nd Depth UOM:                 | ft                         |                  |      |                      |
| <u>Method of Co</u><br>Use          | onstruction & Well            | -                          |                  |      |                      |
| Method Cons                         | struction ID:                 | 961510713                  |                  |      |                      |
|                                     | struction Code:               | 7                          |                  |      |                      |
| Method Cons<br>Other Metho          | struction:<br>d Construction: | Diamond                    |                  |      |                      |
| Pipe Informa                        | tion                          |                            |                  |      |                      |
| -                                   |                               | 10581300                   |                  |      |                      |
| Pipe ID:                            |                               | 10581300                   |                  |      |                      |
|                                     |                               | wironmontal Diak Info      |                  |      | Order No: 2102100068 |

| Map Key                                   | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB                    |
|---|----------------------|----------------------------|------------------|------|-----------------------|
| Casing No:<br>Comment:<br>Alt Name:       |                      | 1                          |                  |      |                       |
| <u>Constructior</u>                       | n Record - Casing    |                            |                  |      |                       |
| Casing ID:                                |                      | 930058027                  |                  |      |                       |
| Layer:<br>Material:                       |                      | 2                          |                  |      |                       |
| Open Hole o                               | r Material:          | 4<br>OPEN HOLE             |                  |      |                       |
| Depth From:                               |                      |                            |                  |      |                       |
| Depth To:<br>Casing Diam                  | otor.                | 99                         |                  |      |                       |
| Casing Diam<br>Casing Diam<br>Casing Dept | eter UOM:            | inch<br>ft                 |                  |      |                       |
| <u>Constructior</u>                       | n Record - Casing    |                            |                  |      |                       |
| Casing ID:                                |                      | 930058026                  |                  |      |                       |
| Layer:                                    |                      | 1                          |                  |      |                       |
| Material:<br>Open Hole o                  | r Material:          | 2<br>GALVANIZED            |                  |      |                       |
| Depth From:                               |                      |                            |                  |      |                       |
| Depth To:<br>Casing Diam                  | eter.                | 92<br>2                    |                  |      |                       |
| Casing Diam                               | eter UOM:            | inch                       |                  |      |                       |
| Casing Dept                               | h UOM:               | ft                         |                  |      |                       |
| <u>Results of W</u>                       | ell Yield Testing    |                            |                  |      |                       |
| Pump Test II                              |                      | 991510713                  |                  |      |                       |
| Pump Set At<br>Static Level:              |                      | 22                         |                  |      |                       |
|   | fter Pumping:        | 40                         |                  |      |                       |
| Recommend                                 | ed Pump Depth:       | 50                         |                  |      |                       |
| Pumping Rate                              |                      | 10                         |                  |      |                       |
| Recommend                                 | ed Pump Rate:        | 6                          |                  |      |                       |
| Levels UOM:<br>Rate UOM:                  |                      | ft<br>GPM                  |                  |      |                       |
|   | After Test Code:     | 1                          |                  |      |                       |
| Water State                               |                      | CLEAR<br>1                 |                  |      |                       |
| Pumping Tes<br>Pumping Du                 |                      | 2                          |                  |      |                       |
| Pumping Du                                |                      | 0                          |                  |      |                       |
| Flowing:                                  |                      | No                         |                  |      |                       |
| <u>Draw Down a</u>                        | & Recovery           |                            |                  |      |                       |
| Pump Test D                               | etail ID:            | 934380039                  |                  |      |                       |
| Test Type:<br>Test Duration               | n·                   | Draw Down<br>30            |                  |      |                       |
| Test Level:                               |                      | 40                         |                  |      |                       |
| Test Level U                              | ОМ:                  | ft                         |                  |      |                       |
| <u>Draw Down a</u>                        | & Recovery           |                            |                  |      |                       |
| Pump Test D                               | etail ID:            | 934641198                  |                  |      |                       |
| Test Type:<br>Test Duration               | n-                   | Draw Down<br>45            |                  |      |                       |
| Test Duration                             |                      | 45<br>40                   |                  |      |                       |
| Test Level U                              | ОМ:                  | ft                         |                  |      |                       |
| 65  | erisinfo.com   Env   | vironmental Risk Info      | rmation Service  | S    | Order No: 21031000068 |

# Draw Down & Recovery

| Pump Test Detail ID: | 934097304 |
|----------------------|-----------|
| Test Type:           | Draw Down |
| Test Duration:       | 15        |
| Test Level:          | 40        |
| Test Level UOM:      | ft        |

#### Draw Down & Recovery

| Pump Test Detail ID: | 934897984 |
|----------------------|-----------|
| Test Type:           | Draw Down |
| Test Duration:       | 60        |
| Test Level:          | 40        |
| Test Level UOM:      | ft        |

#### Water Details

| Water ID:              | 933465746 |
|------------------------|-----------|
| Layer:                 | 1         |
| Kind Code:             | 1         |
| Kind:                  | FRESH     |
| Water Found Depth:     | 99        |
| Water Found Depth UOM: | ft        |

| <u>15</u>  | 1 of 1   | E/49.4                                   | 80.9 / 0.00 | lot 5 con 3<br>ON   |   | WWIS |
|--|--|--|-------------|---|---|------|
| Elevation (<br>Elevation I<br>Depth to B<br>Well Depth | ater Use:<br>Use:<br>Status:<br>e:<br>terial:<br>fon Method:<br>(m):<br>Reliability:<br>edrock:<br>n:<br>n/Bedrock:<br>e:<br>er Level:<br>(N): | 1511515<br>Domestic<br>0<br>Water Supply |             | Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | 1<br>12/22/1971<br>Yes<br>1504<br>1<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>005<br>03<br>OF |      |

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/151\1511515.pdf

# Bore Hole Information

| Bore Hole ID:<br>DP2BR: | 10033509<br>105 | Elevation:<br>Elevrc: | 82.060234                      |
|-------------------------|-----------------|-----------------------|--------------------------------|
| Spatial Status:         |                 | Zone:                 | 18                             |
| Code OB:                | r               | East83:               | 459490.8                       |
| Code OB Desc:           | Bedrock         | North83:              | 5031052                        |
| Open Hole:              |                 | Org CS:               |                                |
| Cluster Kind:           |                 | UTMRC:                | 4                              |
| Date Completed:         | 5/7/1971        | UTMRC Desc:           | margin of error : 30 m - 100 m |

| Мар Кеу   | Number of<br>Records                                 | Direction/<br>Distance (m)                            | Elev/Diff<br>(m) | Site             |    | DB |
|---|--|---|------------------|------------------|----|----|
| Improvement   | Location Source:<br>Location Method:<br>ion Comment: |   |                  | Location Method: | p4 |    |
| <u>Overburden a</u><br><u>Materials Inte</u>  |  |   |                  |                  |    |    |
| Formation ID:<br>Layer:<br>Color:<br>General Color<br>Mat1:<br>Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3:                                      | r:   | 931017951<br>2<br>2<br>GREY<br>15<br>LIMESTONE        |                  |                  |    |    |
| <i>Mat3 Desc:<br/>Formation To<br/>Formation En<br/>Formation En</i>  | p Depth:<br>d Depth:<br>d Depth UOM:                 | 105<br>109<br>ft                                      |                  |                  |    |    |
| <u>Overburden a</u><br>Materials Inte   |  |   |                  |                  |    |    |
| Formation ID:<br>Layer:<br>Color:<br>General Color<br>Mat1:<br>Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation To<br>Formation En | r:<br>n Material:<br>p Depth:                        | 931017950<br>1<br>3<br>BLUE<br>05<br>CLAY<br>0<br>105 |                  |                  |    |    |
| Formation En  | d Depth UOM:   | ft  |                  |                  |    |    |
| <u>Use</u><br>Method Cons<br>Method Cons<br>Method Cons   | truction Code:                                       | 961511515<br>7<br>Diamond                             |                  |                  |    |    |
| <u>Pipe Informat</u><br>Pipe ID:<br>Casing No:<br>Comment:<br>Alt Name:   | <u>ion</u>   | 10582079<br>1   |                  |                  |    |    |
| <u>Construction</u>   | <u> Record - Casing</u>                              |   |                  |                  |    |    |
| Casing ID:<br>Layer:<br>Material:   |  | 930059514<br>2<br>4                                   |                  |                  |    |    |

| Мар Кеу                      | Number of<br>Records  | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site |                    | DB  |
|------------------------------|-----------------------|----------------------------|------------------|------|--------------------|-----|
| Open Hole of                 |                       | OPEN HOLE                  |                  |      |                    |     |
| Depth From:<br>Depth To:     |                       | 109                        |                  |      |                    |     |
| Casing Diam<br>Casing Diam   |                       | inch                       |                  |      |                    |     |
| Casing Diam<br>Casing Deptl  |                       | inch<br>ft                 |                  |      |                    |     |
| eachig zopa                  |                       |                            |                  |      |                    |     |
| <u>Construction</u>          | n Record - Casing     |                            |                  |      |                    |     |
| Casing ID:                   |                       | 930059513                  |                  |      |                    |     |
| Layer:<br>Material:          |                       | 1<br>2                     |                  |      |                    |     |
| Open Hole of                 |                       | GALVANIZED                 |                  |      |                    |     |
| Depth From:<br>Depth To:     |                       | 107                        |                  |      |                    |     |
| Casing Diam                  | eter:                 | 2                          |                  |      |                    |     |
| Casing Diam                  | eter UOM:             | inch                       |                  |      |                    |     |
| Casing Deptl                 | h UOM:                | ft                         |                  |      |                    |     |
| <u>Results of W</u>          | ell Yield Testing     |                            |                  |      |                    |     |
| Pump Test IL<br>Pump Set At. |                       | 991511515                  |                  |      |                    |     |
| Static Level:                | ·                     | 28                         |                  |      |                    |     |
| Final Level A                | fter Pumping:         | 40                         |                  |      |                    |     |
|                              | ed Pump Depth:        | 50<br>10                   |                  |      |                    |     |
| Pumping Rat<br>Flowing Rate  |                       | 10                         |                  |      |                    |     |
| Recommend                    | ed Pump Rate:         | 6                          |                  |      |                    |     |
| Levels UOM:<br>Rate UOM:     |                       | ft<br>GPM                  |                  |      |                    |     |
|                              | After Test Code:      | 1                          |                  |      |                    |     |
| Water State                  |                       | CLEAR                      |                  |      |                    |     |
| Pumping Tes<br>Pumping Du    |                       | 1<br>2                     |                  |      |                    |     |
| Pumping Du                   |                       | 0                          |                  |      |                    |     |
| Flowing:                     |                       | No                         |                  |      |                    |     |
| Draw Down &                  | <u>&amp; Recovery</u> |                            |                  |      |                    |     |
| Pump Test D                  | etail ID:             | 934644429                  |                  |      |                    |     |
| Test Type:<br>Test Duration  | n.                    | Draw Down<br>45            |                  |      |                    |     |
| Test Level:                  |                       | 40                         |                  |      |                    |     |
| Test Level U                 | ОМ:                   | ft                         |                  |      |                    |     |
| <u>Draw Down 8</u>           | & Recovery            |                            |                  |      |                    |     |
| Pump Test D                  | etail ID:             | 934901348                  |                  |      |                    |     |
| Test Type:<br>Test Duratio   | n-                    | Draw Down<br>60            |                  |      |                    |     |
| Test Level:                  |                       | 40                         |                  |      |                    |     |
| Test Level U                 | ОМ:                   | ft                         |                  |      |                    |     |
| Draw Down &                  | & Recovery            |                            |                  |      |                    |     |
| Pump Test D                  | etail ID:             | 934098171                  |                  |      |                    |     |
| Test Type:<br>Test Duratio   |                       | Draw Down<br>15            |                  |      |                    |     |
| Test Duration<br>Test Level: |                       | 30                         |                  |      |                    |     |
| Test Level U                 | ОМ:                   | ft                         |                  |      |                    |     |
|                              |                       |                            |                  |      |                    |     |
| 68                           | erisinfo.com   En     | vironmental Risk Info      | rmation Service  | es   | Order No: 21031000 | 068 |
| 00                           |                       |                            |                  |      |                    |     |

| Map Key Number of<br>Records  |   |   | f Direction/ Elev/<br>Distance (m) (m) |              | Site  |   | DB   |
|---|---|---|--|--------------|---|---|------|
| Draw Down &   | & Recovery  |   |  |              |   |   |      |
| Pump Test D<br>Test Type:<br>Test Duratior<br>Test Level:<br>Test Level U0  | n:  | 934383<br>Draw D<br>30<br>35<br>ft  |  |              |   |   |      |
| Water Details   | 5   |   |  |              |   |   |      |
| Water ID:<br>Layer:<br>Kind Code:<br>Kind:<br>Water Found<br>Water Found  |   | 933466<br>1<br>1<br>FRESH<br>109<br><b>1</b> : ft                                 | 687                                    |              |   |   |      |
| <u>16</u>   | 1 of 1  | SSE/5   | 0.3                                    | 79.9 / -1.00 | ON  |   | BORE |
| Borehole ID:<br>OGF ID:<br>Status:<br>Type:<br>Use:<br>Completion I<br>Static Water I<br>Primary Wate<br>Sec. Water U<br>Total Depth Ref:<br>Depth Ref:<br>Depth Elev:<br>Drill Method:<br>Orig Ground<br>Elev Reliabil<br>DEM Ground<br>Concession:<br>Location D:<br>Survey D:<br>Comments:<br>Borehole Gee | Date:<br>Level:<br>er Use:<br>lse:<br>m:<br>Elev m:<br>Note:<br>I Elev m: | 615088<br>215516030<br>Borehole<br>18.3<br>-999<br>Ground Surface<br>83.8<br>81.8 |  |              | Inclin FLG:<br>SP Status:<br>Surv Elev:<br>Piezometer:<br>Primary Name:<br>Municipality:<br>Lot:<br>Township:<br>Latitude DD:<br>Longitude DD:<br>UTM Zone:<br>Easting:<br>Northing:<br>Location Accuracy:<br>Accuracy: | No<br>Initial Entry<br>No<br>No<br>45.430817<br>-75.520302<br>18<br>459301<br>5030942<br>Not Applicable |      |
| Borehole Ged<br>Geology Stra<br>Top Depth:<br>Bottom Depth<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material<br>Stratum Desc   | atum ID:<br>h:<br>pr:<br>Descriptior                                      | 218400376<br>1.8<br>36.6<br>Clay  |  |              | Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:   |   |      |
| Geology Stra<br>Top Depth:<br>Bottom Depti<br>Material Colo<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:   | h:  | 218400375<br>0<br>1.8<br>Sand   |  |              | Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:   |   |      |

|  | OCK. WATER  |   | Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>15.0 FEET.00062HERED. 00<br>tment have a truncated [Stra   | 00100140008910030RED. 0000500400 **No  |
|--|---|---|---|--|
| 218400377<br>36.6<br>Red<br>Bedrock<br>Shale<br>tion:<br>BEDR<br>Many<br>Data Survey | OCK. WATER  |   | Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>15.0 FEET.00062HERED. 00   |  |
| Many<br>Data Survey  |   |   |   |  |
|  |   |   |   |  |
|  |   |   |   |  |
| 1956-1972<br>M<br>Urban<br>File: C   | Geology Auto<br>TTAWA2.txt F  | RecordID: 07596                             | 0 NTS_Sheet: 31G05H   | Spatial/Tabular<br>1<br>Varies<br>NAD27<br>Mean Average Sea Level  |
|  |   |   |   |  |
|  |   |   | Horizontal Datum:<br>Vertical Datum:<br>Projection Name:<br>ion System (UGAIS)  | NAD27<br>Mean Average Sea Level<br>Universal Transverse Mercator   |
| ESE  | /51.8   | 79.9/-1.00                                  | lot 5 con 3<br>ON   | и  |
| 1501415<br>Domestic<br>0<br>Water Supply   |   |   | Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | 1<br>9/5/1962<br>Yes<br>1504<br>1<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>005<br>03<br>OF  |
|  | 1<br>Data Survey<br>1956-1972<br>Varies<br>Urban<br>Geolog<br>ESE<br>1501415<br>Domestic<br>0<br>Water Supply | File: OTTAWA2.txt F<br>Reliable information | File: OTTAWA2.txt RecordID: 07596<br>Reliable information but incomplete.   | Urban Geology Automated Information System (UGAIS)         File: OTTAWA2.txt RecordID: 075960 NTS_Sheet: 31G05H         Reliable information but incomplete.         1       Data Survey         1956-1972       Vertical Datum:         Varies       Urban Geology Automated Information System (UGAIS)         Geological Survey of Canada       Projection Name:         List Status:         Data Electron Name:         Varies       Urban Geology Automated Information System (UGAIS)         Geological Survey of Canada       Iot 5 con 3         Not 5 con 3         Domestic       Data Entry Status:         Domestic       Data Received:         0       Water Supply         Water Supply       Abandonment Rec:         Contractor:       Form Version:         Owner:       Street Name:         concession Name:       Lot:         concession Name:       Concession Name:         :       Concession Name: <td< td=""></td<> |

Bore Hole Information

| Bore Hole ID:<br>DP2BR:<br>Spatial Status:<br>Code OB:<br>Code OB Desc:<br>Open Hole:<br>Cluster Kind:<br>Date Completed:<br>Remarks:<br>Elevrc Desc:<br>Location Source I<br>Improvement Loc<br>Source Revision<br>Supplier Comment<br>Supplier Comment<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation Top De<br>Formation End De<br>Formation End De<br>Formation End De | Date:<br>cation Source:<br>cation Method:<br>Comment:<br>nt:<br><u>Bedrock</u>                             | -             | Elevation:<br>Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:<br>Location Method: | 80.617538<br>18<br>459530.8<br>5030942<br>5<br>margin of error : 100 m - 300 m<br>p5 |  |
|---|--|---------------|---|--|--|
| Spatial Status:<br>Code OB:<br>Code OB Desc:<br>Open Hole:<br>Cluster Kind:<br>Date Completed:<br>Remarks:<br>Elevrc Desc:<br>Location Source I<br>Improvement Loc<br>Source Revision<br>Supplier Commen<br><u>Overburden and I</u><br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation End De<br>Formation End De<br>Formation End De<br>Formation End De             | r<br>Bedrock<br>8/16/196<br>Date:<br>cation Source:<br>cation Method:<br>Comment:<br>nt:<br><u>Bedrock</u> |               | Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:  | 459530.8<br>5030942<br>5<br>margin of error : 100 m - 300 m                          |  |
| Code OB:<br>Code OB Desc:<br>Open Hole:<br>Cluster Kind:<br>Date Completed:<br>Remarks:<br>Elevrc Desc:<br>Location Source I<br>Improvement Loc<br>Source Revision<br>Supplier Commen<br><u>Overburden and I</u><br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation End De<br>Formation End De<br>Formation End De<br>Formation End De                                | Bedrock<br>8/16/196<br>Date:<br>cation Source:<br>cation Method:<br>Comment:<br>nt:<br>Bedrock             |               | East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:   | 459530.8<br>5030942<br>5<br>margin of error : 100 m - 300 m                          |  |
| Code OB:<br>Code OB Desc:<br>Open Hole:<br>Cluster Kind:<br>Date Completed:<br>Remarks:<br>Elevrc Desc:<br>Location Source I<br>Improvement Loc<br>Source Revision<br>Supplier Commen<br><u>Overburden and I</u><br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation End De<br>Formation End De<br>Formation End De<br>Formation End De                                | Bedrock<br>8/16/196<br>Date:<br>cation Source:<br>cation Method:<br>Comment:<br>nt:<br>Bedrock             |               | North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:  | 5030942<br>5<br>margin of error : 100 m - 300 m                                      |  |
| Open Hole:<br>Cluster Kind:<br>Date Completed:<br>Remarks:<br>Elevrc Desc:<br>Location Source I<br>Improvement Loc<br>Source Revision<br>Supplier Commen<br>Overburden and I<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation End De<br>Formation End De<br>Formation End De  | Bedrock<br>8/16/196<br>Date:<br>cation Source:<br>cation Method:<br>Comment:<br>nt:<br>Bedrock             |               | Org CS:<br>UTMRC:<br>UTMRC Desc:  | 5030942<br>5<br>margin of error : 100 m - 300 m                                      |  |
| Open Hole:<br>Cluster Kind:<br>Date Completed:<br>Remarks:<br>Elevrc Desc:<br>Location Source I<br>Improvement Loc<br>Source Revision<br>Supplier Commen<br>Overburden and I<br>Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation End De<br>Formation End De<br>Formation End De  | 8/16/196<br>Date:<br>cation Source:<br>cation Method:<br>Comment:<br>nt:<br><u>Bedrock</u>                 |               | Org CS:<br>UTMRC:<br>UTMRC Desc:  | 5<br>margin of error : 100 m - 300 m   |  |
| Cluster Kind:<br>Date Completed:<br>Remarks:<br>Elevrc Desc:<br>Location Source<br>Improvement Loc<br>Source Revision<br>Supplier Commen<br><u>Overburden and I</u><br><u>Materials Interval</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Mat2:<br>Mat2 Desc:<br>Mat3<br>Mat3 Desc:<br>Formation Top De<br>Formation End De<br>Formation End De   | Date:<br>cation Source:<br>cation Method:<br>Comment:<br>nt:<br><u>Bedrock</u>                             | 52            | UTMRC:<br>UTMRC Desc:   | margin of error : 100 m - 300 m  |  |
| Date Completed:<br>Remarks:<br>Elevrc Desc:<br>Location Source<br>Improvement Loc<br>Source Revision<br>Supplier Commen<br><u>Overburden and I</u><br><u>Materials Interval</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Mat2:<br>Mat2 Desc:<br>Mat3<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation Top De<br>Formation End De<br>Formation End De  | Date:<br>cation Source:<br>cation Method:<br>Comment:<br>nt:<br><u>Bedrock</u>                             | 52            | UTMRC Desc:   | margin of error : 100 m - 300 m  |  |
| Remarks:<br>Elevrc Desc:<br>Location Source<br>Improvement Loc<br>Source Revision<br>Supplier Commen<br><u>Overburden and I</u><br><u>Materials Interval</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Ma<br>Mat2:<br>Mat2 Desc:<br>Mat3<br>Desc:<br>Formation Top De<br>Formation End De<br>Formation End De  | Date:<br>cation Source:<br>cation Method:<br>Comment:<br>nt:<br><u>Bedrock</u>                             | -             |   |  |  |
| Elevrc Desc:<br>Location Source<br>Improvement Loc<br>Source Revision<br>Supplier Commen<br><u>Overburden and I</u><br><u>Materials Interval</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Mat2:<br>Mat2 Desc:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation Top De<br>Formation End De<br>Formation End De   | cation Source:<br>cation Method:<br>Comment:<br>nt:<br><u>Bedrock</u>                                      |               |   | μο   |  |
| Location Source<br>Improvement Loc<br>Improvement Loc<br>Source Revision<br>Supplier Commen<br><u>Overburden and I</u><br><u>Materials Interval</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Mat2:<br>Mat2 Desc:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation Top De<br>Formation End De<br>Formation End De  | cation Source:<br>cation Method:<br>Comment:<br>nt:<br><u>Bedrock</u>                                      |               |   |  |  |
| Improvement Loc<br>Improvement Loc<br>Source Revision<br>Supplier Commen<br><u>Overburden and I</u><br><u>Materials Interval</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Ma<br>Mat2:<br>Mat2 Desc:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation Top De<br>Formation End De<br>Formation End De   | cation Source:<br>cation Method:<br>Comment:<br>nt:<br><u>Bedrock</u>                                      |               |   |  |  |
| Improvement Loc<br>Source Revision<br>Supplier Commen<br><u>Overburden and I</u><br><u>Materials Interval</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Ma<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation Top De<br>Formation End De<br>Formation End De  | cation Method:<br>Comment:<br>nt:<br><u>Bedrock</u>  |               |   |  |  |
| Supplier Commen<br><u>Overburden and I</u><br><u>Materials Interval</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Mat2:<br>Mat2 Desc:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation Top De<br>Formation End De<br>Formation End De  | nt:<br>Bedrock   |               |   |  |  |
| Materials Interval<br>Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Ma<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top De<br>Formation End De<br>Formation End De  |  |               |   |  |  |
| Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Ma<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top De<br>Formation End De<br>Formation End De  |  |               |   |  |  |
| Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Ma<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation Top De<br>Formation End De<br>Formation End De<br>Formation End De  |  | 930991776     |   |  |  |
| Color:<br>General Color:<br>Mat1:<br>Most Common Ma<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top De<br>Formation End De<br>Formation End De   |  |               |   |  |  |
| General Color:<br>Mat1:<br>Most Common Ma<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top De<br>Formation End De<br>Formation End De<br>Overburden and De  |  | 2<br>3        |   |  |  |
| Mat1:<br>Most Common Ma<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top De<br>Formation End De<br>Formation End De<br>Overburden and De  |  |               |   |  |  |
| Most Common Ma<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation Top De<br>Formation End De<br>Formation End De<br>Overburden and J   |  | BLUE          |   |  |  |
| Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Do<br>Formation End Do<br>Formation End Do<br>Overburden and Do   |  | 05            |   |  |  |
| Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top Do<br>Formation End Do<br>Formation End Do<br>Overburden and I   | aterial:   | CLAY          |   |  |  |
| Mat3:<br>Mat3 Desc:<br>Formation Top Do<br>Formation End Do<br>Formation End Do<br>Overburden and D   |  |               |   |  |  |
| Mat3 Desc:<br>Formation Top Do<br>Formation End Do<br>Formation End Do<br>Overburden and I  |  |               |   |  |  |
| Formation Top Do<br>Formation End Do<br>Formation End Do<br>Overburden and I  |  |               |   |  |  |
| Formation End De<br>Formation End De<br>Overburden and I  |  | _             |   |  |  |
| Formation End De  |  | 5             |   |  |  |
| Overburden and  |  | 92            |   |  |  |
|   | epth UOM:  | ft            |   |  |  |
| <u>Materials Interval</u>   |  |               |   |  |  |
| Formation ID:   |  | 930991777     |   |  |  |
| Layer:  |  | 3             |   |  |  |
| Color:  |  | 2             |   |  |  |
| General Color:  |  | GREY          |   |  |  |
| Mat1:   |  | 15            |   |  |  |
| Most Common Ma  | aterial:   | LIMESTONE     |   |  |  |
| Mat2:   |  |               |   |  |  |
| Mat2 Desc:  |  |               |   |  |  |
| Mat3:   |  |               |   |  |  |
| Mat3 Desc:  |  |               |   |  |  |
| Formation Top De  | epth:  | 92            |   |  |  |
| Formation End D   | epth:  | 110           |   |  |  |
| Formation End D   |  | ft            |   |  |  |
| Overburden and I<br>Materials Interval  |  |               |   |  |  |
| Formation ID:   |  | 930991775     |   |  |  |
| Layer:  |  | 1             |   |  |  |
| Color:  |  |               |   |  |  |
| General Color:  |  |               |   |  |  |
| Mat1:   |  | 02            |   |  |  |
| Most Common Ma  | atorial  | TOPSOIL       |   |  |  |
| Most Common Ma<br>Mat2:   | alenan.  | 10PSOIL<br>09 |   |  |  |
| Mat2:<br>Mat2 Desc:   |  | MEDIUM SAND   |   |  |  |
| Matz Desc:<br>Mat3:   |  |               |   |  |  |

DB

| Map Key                           | Number of<br>Records       | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DE |
|-----------------------------------|----------------------------|----------------------------|------------------|------|----|
| Mat3 Desc:                        |                            |                            |                  |      |    |
| Formation To                      |                            | 0                          |                  |      |    |
| Formation En                      | nd Depth:                  | 5                          |                  |      |    |
| -ormation En                      | nd Depth UOM:              | ft                         |                  |      |    |
| <u>Method of Co</u><br><u>Use</u> | onstruction & Well         |                            |                  |      |    |
| Method Cons                       |                            | 961501415                  |                  |      |    |
|                                   | truction Code:             | 7                          |                  |      |    |
| Method Cons<br>Other Method       | truction:<br>Construction: | Diamond                    |                  |      |    |
| Pipe Informat                     | tion                       |                            |                  |      |    |
| Pipe ID:                          |                            | 10572028                   |                  |      |    |
| Casing No:                        |                            | 1                          |                  |      |    |
| Comment:<br>Alt Name:             |                            |                            |                  |      |    |
| Construction                      | Record - Casing            |                            |                  |      |    |
| Casing ID:                        |                            | 930039801                  |                  |      |    |
| Layer:                            |                            | 2                          |                  |      |    |
| Material:<br>Open Hole or         | Matorial                   | 4<br>OPEN HOLE             |                  |      |    |
| Depth From:                       | waterial:                  | OPENHOLE                   |                  |      |    |
| Depth To:                         |                            | 110                        |                  |      |    |
| Casing Diame                      | eter:                      | 2                          |                  |      |    |
| Casing Diame                      |                            | inch                       |                  |      |    |
| Casing Depth                      | NUOM:                      | ft                         |                  |      |    |
| <b>Construction</b>               | Record - Casing            |                            |                  |      |    |
| Casing ID:                        |                            | 930039800                  |                  |      |    |
| Layer:                            |                            | 1                          |                  |      |    |
| Material:                         | Matarial                   | 1<br>87551                 |                  |      |    |
| Open Hole or<br>Depth From:       | Material:                  | STEEL                      |                  |      |    |
| Depth To:                         |                            | 98                         |                  |      |    |
| Casing Diame                      | eter:                      | 2                          |                  |      |    |
| Casing Diame                      | eter UOM:                  | inch                       |                  |      |    |
| Casing Depth                      | NUOM:                      | ft                         |                  |      |    |
| Results of We                     | ell Yield Testing          |                            |                  |      |    |
| Pump Test ID                      |                            | 991501415                  |                  |      |    |
| Pump Set At:<br>Static Level:     |                            | 21                         |                  |      |    |
|                                   | fter Pumping:              | 60                         |                  |      |    |
|                                   | ed Pump Depth:             | 60                         |                  |      |    |
| Pumping Rate                      |                            | 12                         |                  |      |    |
| Flowing Rate                      |                            |                            |                  |      |    |
| Recommende                        | ed Pump Rate:              | 12                         |                  |      |    |
| Levels UOM:                       |                            | ft                         |                  |      |    |
| Rate UOM:                         | 1444 To - 1 O - 1          | GPM                        |                  |      |    |
| Water State A<br>Water State A    | After Test Code:           | 1<br>CLEAR                 |                  |      |    |
| water State A                     |                            | CLEAR<br>1                 |                  |      |    |
|                                   | CHICUIUU.                  |                            |                  |      |    |
| Pumping Tes                       |                            | 3                          |                  |      |    |
|                                   | ation HR:                  | 3<br>0                     |                  |      |    |

| Map Key Numb<br>Reco   |             | Direction/<br>Distance (m    | Elev/Diff<br>) (m) | Site                            |                                    | DB   |
|--|-------------|------------------------------|--------------------|---------------------------------|------------------------------------|------|
| Water Details  |             |                              |                    |                                 |                                    |      |
| Water ID:<br>Layer:<br>Kind Code:<br>Kind:                       |             | 933454122<br>1<br>1<br>FRESH |                    |                                 |                                    |      |
| Water Found Depth:<br>Water Found Depth U<br>Water Found Depth U | IOM:        | 110<br>ft                    |                    |                                 |                                    |      |
| <u>18</u> 1 of 1   |             | NE/53.7                      | 80.9 / 0.00        | lot 6 con 3<br>ON               |                                    | wwis |
| Well ID:   | 150145      | 5                            |                    | Data Entry Status:              |                                    |      |
| Construction Date:   | _           |                              |                    | Data Src:                       | 1                                  |      |
| Primary Water Use:   | Domes       | tic                          |                    | Date Received:                  | 9/18/1967                          |      |
| Sec. Water Use:  | 0           | 2                            |                    | Selected Flag:                  | Yes                                |      |
| Final Well Status:<br>Water Type:                                | Water S     | Supply                       |                    | Abandonment Rec:<br>Contractor: | 1504                               |      |
| Casing Material:   |             |                              |                    | Form Version:                   | 1                                  |      |
| Audit No:  |             |                              |                    | Owner:                          | •                                  |      |
| Tag:   |             |                              |                    | Street Name:                    |                                    |      |
| Construction Method  | :           |                              |                    | County:                         | OTTAWA                             |      |
| Elevation (m):   |             |                              |                    | Municipality:                   | GLOUCESTER TOWNSHIP                |      |
| Elevation Reliability:   |             |                              |                    | Site Info:                      | 000                                |      |
| Depth to Bedrock:  |             |                              |                    | Lot:<br>Concession:             | 006<br>03                          |      |
| Well Depth:<br>Overburden/Bedrock:                               |             |                              |                    | Concession Name:                | OF                                 |      |
| Pump Rate:   |             |                              |                    | Easting NAD83:                  |                                    |      |
| Static Water Level:  |             |                              |                    | Northing NAD83:                 |                                    |      |
| Flowing (Y/N):   |             |                              |                    | Zone:                           |                                    |      |
| Flow Rate:   |             |                              |                    | UTM Reliability:                |                                    |      |
| Clear/Cloudy:  |             |                              |                    |                                 |                                    |      |
| PDF URL (Map):   |             | https://d2khazk8e            | 83rdv.cloudfront.n | et/moe_mapping/downloads        | /2Water/Wells_pdfs/150\1501455.pdf |      |
| Bore Hole Information  | <u>n</u>    |                              |                    |                                 |                                    |      |
| Bore Hole ID:  | 100234      | 98                           |                    | Elevation:                      | 85.157051                          |      |
| DP2BR:   | 98          |                              |                    | Elevrc:                         |                                    |      |
| Spatial Status:  |             |                              |                    | Zone:                           | 18                                 |      |
| Code OB:<br>Code OB Desc:  | r<br>Bedroc | k                            |                    | East83:<br>North83:             | 459370.8<br>5031222                |      |
| Open Hole:   | Deuroc      | n                            |                    | Org CS:                         | 5031222                            |      |
| Cluster Kind:  |             |                              |                    | UTMRC:                          | 5                                  |      |
| Date Completed:  | 7/26/19     | 67                           |                    | UTMRC Desc:                     | margin of error : 100 m - 300 m    |      |
| Remarks:   |             |                              |                    | Location Method:                | p5                                 |      |
| Elevrc Desc:   |             |                              |                    |                                 |                                    |      |
| Location Source Date   |             |                              |                    |                                 |                                    |      |
| Improvement Locatio  |             |                              |                    |                                 |                                    |      |
| Improvement Locatio<br>Source Revision Com                       |             |                              |                    |                                 |                                    |      |
| Supplier Comment:  | iment.      |                              |                    |                                 |                                    |      |
| Overburden and Bedr<br>Materials Interval                        | <u>rock</u> |                              |                    |                                 |                                    |      |
|  |             | 000001070                    |                    |                                 |                                    |      |
| Formation ID:  |             | 930991870                    |                    |                                 |                                    |      |
| Layer:<br>Color:   |             | 2<br>3                       |                    |                                 |                                    |      |
| Color:<br>General Color:   |             | BLUE                         |                    |                                 |                                    |      |
| General Color:<br>Mott   |             |                              |                    |                                 |                                    |      |

Mat1:

| Map Key Numb<br>Record                             |                | Elev/Diff<br>(m) | Site | DB |
|--|----------------|------------------|------|----|
| Most Common Materia<br>Mat2:                       | I: CLAY        |                  |      |    |
| Mat2 Desc:   |                |                  |      |    |
| Mat3:  |                |                  |      |    |
| Mat3 Desc:   |                |                  |      |    |
| Formation Top Depth:                               | 6              |                  |      |    |
| Formation End Depth:                               | 98             |                  |      |    |
| Formation End Depth                                | UOM: ft        |                  |      |    |
| <u>Overburden and Bedro<br/>Materials Interval</u> | ock_           |                  |      |    |
|  | 020001860      |                  |      |    |
| Formation ID:                                      | 930991869<br>1 |                  |      |    |
| Layer:<br>Color:                                   | I              |                  |      |    |
| General Color:                                     |                |                  |      |    |
| Mat1:  | 09             |                  |      |    |
| Most Common Materia                                |                |                  |      |    |
| Most Common Materia<br>Mat2:                       |                |                  |      |    |
| Mat2:<br>Mat2 Desc:                                |                |                  |      |    |
| Mat2 Desc:<br>Mat3:                                |                |                  |      |    |
| Mat3 Desc:   |                |                  |      |    |
| Formation Top Depth:                               | 0              |                  |      |    |
| Formation End Depth:                               |                |                  |      |    |
| Formation End Depth                                |                |                  |      |    |
| Overburden and Bedro                               | ock            |                  |      |    |
| Materials Interval                                 |                |                  |      |    |
| Formation ID:                                      | 930991871      |                  |      |    |
| Layer:   | 3              |                  |      |    |
| Color:   | 6              |                  |      |    |
| General Color:                                     | BROWN          |                  |      |    |
| Mat1:  | 19             |                  |      |    |
| Most Common Materia                                | I: SLATE       |                  |      |    |
| Mat2:  |                |                  |      |    |
| Mat2 Desc:   |                |                  |      |    |
| Mat3:  |                |                  |      |    |
| Mat3 Desc:   |                |                  |      |    |
| Formation Top Depth:                               | 98             |                  |      |    |
| Formation End Depth:                               |                |                  |      |    |
| Formation End Depth                                | UOM: ft        |                  |      |    |
| Method of Constructio                              | n & Well       |                  |      |    |
| <u>Use</u>   |                |                  |      |    |
| Method Construction                                |                |                  |      |    |
| Method Construction                                | Diamond        |                  |      |    |
| Other Method Construction.                         |                |                  |      |    |
| Pipe Information                                   |                |                  |      |    |
| Pipe ID:   | 10572068       |                  |      |    |
| Casing No:   | 1              |                  |      |    |
| Comment:<br>Alt Name:                              |                |                  |      |    |
| Construction Record -                              | Casing         |                  |      |    |
| Casing ID:   | 930039874      |                  |      |    |
| Layer:   | 1              |                  |      |    |
|  |                |                  |      |    |

| Map Key                                  | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                 |                           | DE  |
|--|----------------------|----------------------------|------------------|--------------------------------------|---------------------------|-----|
| Material:<br>Open Hole or<br>Depth From: | Material:            | 1<br>STEEL                 |                  |                                      |                           |     |
| Depth To:                                |                      | 100                        |                  |                                      |                           |     |
| Casing Diame                             |                      | 2<br>in ch                 |                  |                                      |                           |     |
| Casing Diame<br>Casing Depth             |                      | inch<br>ft                 |                  |                                      |                           |     |
| Construction                             | Record - Casing      |                            |                  |                                      |                           |     |
| Casing ID:                               |                      | 930039875                  |                  |                                      |                           |     |
| Layer:                                   |                      | 2                          |                  |                                      |                           |     |
| Material:<br>Open Hole or l              | Matorial:            | 4<br>OPEN HOLE             |                  |                                      |                           |     |
| Depth From:                              | material.            | OF ENTIOLE                 |                  |                                      |                           |     |
| Depth To:                                |                      | 109                        |                  |                                      |                           |     |
| Casing Diame                             |                      | 2                          |                  |                                      |                           |     |
| Casing Diame<br>Casing Depth             |                      | inch<br>ft                 |                  |                                      |                           |     |
| Casing Depin                             | 00m.                 | n                          |                  |                                      |                           |     |
| Results of We                            | ll Yield Testing     |                            |                  |                                      |                           |     |
| Pump Test ID:<br>Pump Set At:            |                      | 991501455                  |                  |                                      |                           |     |
| Static Level:                            |                      | 30                         |                  |                                      |                           |     |
| Final Level Af                           | ter Pumping:         | 40                         |                  |                                      |                           |     |
|  | d Pump Depth:        | 60                         |                  |                                      |                           |     |
| Pumping Rate                             |                      | 8                          |                  |                                      |                           |     |
| Flowing Rate:<br>Recommende              |                      | 6                          |                  |                                      |                           |     |
| Levels UOM:                              | a rump nate.         | ft                         |                  |                                      |                           |     |
| Rate UOM:                                |                      | GPM                        |                  |                                      |                           |     |
|  | fter Test Code:      | 1                          |                  |                                      |                           |     |
| Water State A                            |                      | CLEAR<br>1                 |                  |                                      |                           |     |
| Pumping Test<br>Pumping Dura             |                      | 2                          |                  |                                      |                           |     |
| Pumping Dura                             |                      | 0                          |                  |                                      |                           |     |
| Flowing:                                 |                      | No                         |                  |                                      |                           |     |
| Water Details                            |                      |                            |                  |                                      |                           |     |
| Water ID:                                |                      | 933454162                  |                  |                                      |                           |     |
| Layer:                                   |                      | 1                          |                  |                                      |                           |     |
| Kind Code:<br>Kind:                      |                      | 1<br>FRESH                 |                  |                                      |                           |     |
| Water Found I                            | Depth:               | 109                        |                  |                                      |                           |     |
| Water Found I                            |                      | ft                         |                  |                                      |                           |     |
| <u>19</u>                                | 1 of 1               | N/54.9                     | 79.9/-1.00       | 2680 Page Road<br>Ottawa (Cumberland | ) ON K1W 1G1              | EHS |
| Order No:                                | 2010                 | 0322032                    |                  | Nearest Intersection:                | Page Rd and Montpelier Pl |     |
| Status:                                  | C                    |                            |                  | Municipality:                        | -                         |     |
| Report Type:                             |                      | dard Report                |                  | Client Prov/State:                   | ON                        |     |
| Report Date:                             | 3/31/                |                            |                  | Search Radius (km):                  | 0.25                      |     |
| Date Received<br>Previous Site           |                      | 2010                       |                  | X:<br>Y:                             | -75.520594<br>45.434449   |     |
| Lot/Building S                           |                      |                            |                  |                                      | .5.707770                 |     |
|  | Ordered:             |                            |                  |                                      |                           |     |

| Мар Кеу  | Number<br>Records  |   | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site  |  | DB   |
|--|--|---|----------------------------|------------------|---|--|------|
| <u>20</u>  | 1 of 1   | V   | VNW/56.2                   | 79.9 / -1.00     | Navan Road<br>Ottawa ON   |  | EHS  |
| Order No:<br>Status:<br>Report Type<br>Report Date<br>Date Receiv<br>Previous Sit<br>Lot/Building<br>Additional I  | e:<br>red:<br>te Name:   | 2015090304<br>C<br>Custom Rep<br>10-SEP-15<br>03-SEP-15 |                            |                  | Nearest Intersection:<br>Municipality:<br>Client Prov/State:<br>Search Radius (km):<br>X:<br>Y:   | ON<br>.25<br>-75.522476<br>45.433367   |      |
| <u>21</u>  | 1 of 1   | V   | V/57.8                     | 80.9 / 0.03      | ON  |  | WWIS |
| Well ID:<br>Constructio<br>Primary Wa<br>Sec. Water (<br>Final Well S<br>Water Type:<br>Casing Mate<br>Audit No:<br>Tag:<br>Constructio<br>Elevation (n<br>Elevation (n<br>Elevation R<br>Depth to Be<br>Well Depth:<br>Overburden<br>Pump Rate:<br>Static Wate<br>Flowing (Y//<br>Flow Rate:<br>Clear/Cloud<br>PDF URL (M | ter Use:<br>Use:<br>Status:<br>Prial:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>Method:<br>M | 7292790<br>C36219<br>A191634                            |                            |                  | Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | Yes<br>8/17/2017<br>Yes<br>7543<br>8<br>OTTAWA<br>GLOUCESTER TOWNSHIP                        |      |
| İmprovemei   | D:<br>us:<br>esc:<br>d:<br>leted:<br>s:<br>purce Date:<br>nt Location I<br>ision Comm  | Method:   |                            |                  | Elevation:<br>Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:<br>Location Method:   | 82.529029<br>18<br>459046<br>5031142<br>UTM83<br>5<br>margin of error : 100 m - 300 m<br>wwr |      |
| <u>22</u>  | 1 of 1   | E   | :/58.6                     | 80.9 / 0.00      | lot 5 con 3<br>ON   |  | wwis |
| Well ID:<br>Constructio<br>Primary Wa<br>Sec. Water (  | ter Use:   | 1510712<br>Domestic<br>0                                |                            |                  | Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:   | 1<br>2/23/1971<br>Yes  |      |

erisinfo.com | Environmental Risk Information Services

Order No: 21031000068

| Мар Кеу       | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site             |                     | DB |
|---------------|----------------------|----------------------------|------------------|------------------|---------------------|----|
| Final Well St | atus: Water          | Supply                     |                  | Abandonment Rec: |                     |    |
| Water Type:   |                      |                            |                  | Contractor:      | 1504                |    |
| Casing Mate   | rial:                |                            |                  | Form Version:    | 1                   |    |
| Audit No:     |                      |                            |                  | Owner:           |                     |    |
| Tag:          |                      |                            |                  | Street Name:     |                     |    |
| Construction  | n Method:            |                            |                  | County:          | OTTAWA              |    |
| Elevation (m  | ):                   |                            |                  | Municipality:    | GLOUCESTER TOWNSHIP |    |
| Elevation Re  |                      |                            |                  | Site Info:       |                     |    |
| Depth to Bed  | •                    |                            |                  | Lot:             | 005                 |    |
| Well Depth:   |                      |                            |                  | Concession:      | 03                  |    |
| Overburden/   | Bedrock:             |                            |                  | Concession Name: | OF                  |    |
| Pump Rate:    |                      |                            |                  | Easting NAD83:   | -                   |    |
| Static Water  | Level:               |                            |                  | Northing NAD83:  |                     |    |
| Flowing (Y/N  | );                   |                            |                  | Zone:            |                     |    |
| Flow Rate:    | /-                   |                            |                  | UTM Reliability: |                     |    |
| Clear/Cloudy  | <i>ı</i> :           |                            |                  | <b></b> ,-       |                     |    |

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/151\1510712.pdf

#### Bore Hole Information

| Bore Hole ID:        | 10032729   | Elevation:       | 82.74707                       |
|----------------------|------------|------------------|--------------------------------|
| DP2BR:               | 95         | Elevrc:          |                                |
| Spatial Status:      |            | Zone:            | 18                             |
| Code OB:             | r          | East83:          | 459470.8                       |
| Code OB Desc:        | Bedrock    | North83:         | 5031082                        |
| Open Hole:           |            | Org CS:          |                                |
| Cluster Kind:        |            | UTMRC:           | 4                              |
| Date Completed:      | 5/18/1970  | UTMRC Desc:      | margin of error : 30 m - 100 m |
| Remarks:             |            | Location Method: | p4                             |
| Elevrc Desc:         |            |                  |                                |
| Location Source Date | e:         |                  |                                |
| Improvement Locatio  | on Source: |                  |                                |
| Improvement Locatio  | on Method: |                  |                                |

#### Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

| Formation ID:            | 931015631   |
|--------------------------|-------------|
| Layer:                   | 1           |
| Color:                   | 5           |
| General Color:           | YELLOW      |
| Mat1:                    | 09          |
| Most Common Material:    | MEDIUM SAND |
| Mat2:                    | 01          |
| Mat2 Desc:               | FILL        |
| Mat3:                    |             |
| Mat3 Desc:               |             |
| Formation Top Depth:     | 0           |
| Formation End Depth:     | 4           |
| Formation End Depth UOM: | ft          |

#### Overburden and Bedrock Materials Interval

| Formation ID:         | 931015633 |
|-----------------------|-----------|
| Layer:                | 3         |
| Color:                | 6         |
| General Color:        | BROWN     |
| Mat1:                 | 17        |
| Most Common Material: | SHALE     |
|                       |           |

| Мар Кеу  | Number of<br>Records       | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--|----------------------------|----------------------------|------------------|------|----|
| Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation To |                            | 95                         |                  |      |    |
| Formation E<br>Formation E                                 | nd Depth:<br>nd Depth UOM: | 100<br>ft                  |                  |      |    |
| <u>Overburden</u><br>Materials Inte                        | and Bedrock<br>erval       |                            |                  |      |    |
| Formation ID   | ):                         | 931015632<br>2             |                  |      |    |
| Layer:<br>Color:   |                            | 3                          |                  |      |    |
| General Cold   | or:                        | BLUE                       |                  |      |    |
| Mat1:<br>Most Commo  | on Material:               | 05<br>CLAY                 |                  |      |    |
| <i>Mat2:</i><br><i>Mat2 Desc:</i>                          |                            |                            |                  |      |    |
| Mat3:  |                            |                            |                  |      |    |
| Mat3 Desc:<br>Formation Te                                 | on Donth:                  | 4                          |                  |      |    |
| Formation E  |                            | 4<br>95                    |                  |      |    |
| Formation E  | nd Depth UOM:              | ft                         |                  |      |    |
| <u>Method of Co<br/>Use</u>                                | onstruction & Well         | -                          |                  |      |    |
| Method Con   |                            | 961510712                  |                  |      |    |
| Method Cons<br>Method Cons                                 | struction Code:            | 7<br>Diamond               |                  |      |    |
|  | d Construction:            | Diamond                    |                  |      |    |
| Pipe Informa   | tion                       |                            |                  |      |    |
| Pipe ID:   |                            | 10581299                   |                  |      |    |
| Casing No:   |                            | 1                          |                  |      |    |
| Comment:<br>Alt Name:                                      |                            |                            |                  |      |    |
| <u>Construction</u>  | n Record - Casing          |                            |                  |      |    |
| Casing ID:   |                            | 930058024                  |                  |      |    |
| Layer:<br>Material:  |                            | 1<br>2                     |                  |      |    |
| Open Hole o  |                            | GALVANIZED                 |                  |      |    |
| Depth From:<br>Depth To:                                   |                            | 97                         |                  |      |    |
| Casing Diam  | eter:                      | 2                          |                  |      |    |
| Casing Diam  | eter UOM:                  | inch                       |                  |      |    |
| Casing Dept  | h UOM:                     | ft                         |                  |      |    |
| <u>Constructior</u>  | n Record - Casing          |                            |                  |      |    |
| Casing ID:   |                            | 930058025                  |                  |      |    |
| Layer:<br>Material:  |                            | 2<br>4                     |                  |      |    |
| Open Hole o  |                            | 4<br>OPEN HOLE             |                  |      |    |
| Depth From:  |                            |                            |                  |      |    |
| Depth To:<br>Casing Diam                                   | eter:                      | 100                        |                  |      |    |
| Casing Diam  | eter UOM:                  | inch                       |                  |      |    |
|  |                            |                            |                  |      |    |

| Map Key                       | Number of<br>Records   | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------|------------------------|----------------------------|------------------|------|----|
| Casing Depth                  | UOM:                   | ft                         |                  |      |    |
| Results of We                 | ell Yield Testing      |                            |                  |      |    |
| Pump Test ID                  | :                      | 991510712                  |                  |      |    |
| Pump Set At:<br>Static Level: |                        | 22                         |                  |      |    |
| Final Level Af                | ter Pumnina:           | 40                         |                  |      |    |
|                               | d Pump Depth:          | 50                         |                  |      |    |
| Pumping Rate                  |                        | 10                         |                  |      |    |
| Flowing Rate:                 |                        |                            |                  |      |    |
| Recommende                    |                        | 50                         |                  |      |    |
| Levels UOM:                   |                        | ft                         |                  |      |    |
| Rate UOM:                     |                        | GPM                        |                  |      |    |
|                               | fter Test Code:        | 1                          |                  |      |    |
| Water State A                 |                        | CLEAR<br>1                 |                  |      |    |
| Pumping Test<br>Pumping Dura  |                        | 2                          |                  |      |    |
| Pumping Dura                  | ation MIN <sup>.</sup> | 0                          |                  |      |    |
| Flowing:                      |                        | No                         |                  |      |    |
|                               |                        |                            |                  |      |    |
| <u>Draw Down &amp;</u>        | <u>Recovery</u>        |                            |                  |      |    |
| Pump Test De                  | etail ID:              | 934641197                  |                  |      |    |
| Test Type:                    |                        | Draw Down                  |                  |      |    |
| Test Duration                 | :                      | 45                         |                  |      |    |
| Test Level:                   |                        | 40                         |                  |      |    |
| Test Level UC                 | DM:                    | ft                         |                  |      |    |
| <u>Draw Down &amp;</u>        | <u>Recovery</u>        |                            |                  |      |    |
| Pump Test De                  | etail ID:              | 934380038                  |                  |      |    |
| Test Type:                    |                        | Draw Down                  |                  |      |    |
| Test Duration                 | :                      | 30                         |                  |      |    |
| Test Level:                   |                        | 40                         |                  |      |    |
| Test Level UC                 | DM:                    | ft                         |                  |      |    |
| <u>Draw Down &amp;</u>        | Recovery               |                            |                  |      |    |
| Pump Test De                  | etail ID:              | 934897983                  |                  |      |    |
| Test Type:                    |                        | Draw Down                  |                  |      |    |
| Test Duration                 | :                      | 60                         |                  |      |    |
| Test Level:                   |                        | 40                         |                  |      |    |
| Test Level UC                 | DM:                    | ft                         |                  |      |    |
| <u>Draw Down &amp;</u>        | Recovery               |                            |                  |      |    |
| Pump Test De                  | etail ID:              | 934097303                  |                  |      |    |
| Test Type:                    |                        | Draw Down                  |                  |      |    |
| Test Duration                 | :                      | 15                         |                  |      |    |
| Test Level:                   |                        | 40                         |                  |      |    |
| Test Level UC                 | DM:                    | ft                         |                  |      |    |
| Water Details                 |                        |                            |                  |      |    |
| Water ID:                     |                        | 933465745                  |                  |      |    |
| Layer:                        |                        | 1                          |                  |      |    |
| Kind Code:                    |                        |                            |                  |      |    |
| Kind:<br>Water Found          | Donth:                 | FRESH<br>100               |                  |      |    |
| Water Found                   |                        | ft                         |                  |      |    |
|                               | 2000000                |                            |                  |      |    |

|                              | Record      | S         | Distance (m  | ) (m)       |   |   | DI  |
|------------------------------|-------------|-----------|--------------|-------------|---|---|-----|
| 23                           | 1 of 1      |           | E/58.8       | 80.9 / 0.00 | ON  | E   | BOR |
| Borehole ID:                 |             | 615102    |              |             | Inclin FLG:   | No  |     |
| OGF ID:                      |             | 2155160   | )44          |             | SP Status:  | Initial Entry   |     |
| Status:                      |             |           |              |             | Surv Elev:  | No  |     |
| Гуре:                        |             | Borehole  | Э            |             | Piezometer:   | No  |     |
| Use:                         |             |           |              |             | Primary Name:   |   |     |
| Completion L                 | Date:       | MAY-19    | 70           |             | Municipality:   |   |     |
| Static Water                 | Level:      |           |              |             | Lot:  |   |     |
| Primary Wate                 | er Use:     |           |              |             | Township:   |   |     |
| Sec. Water U                 | se:         |           |              |             | Latitude DD:  | 45.432087   |     |
| Total Depth n                | n:          | 30.5      |              |             | Longitude DD:   | -75.51814   |     |
| Depth Ref:                   |             | Ground    | Surface      |             | UTM Zone:   | 18  |     |
| Depth Elev:                  |             |           |              |             | Easting:  | 459471  |     |
| Drill Method:                |             |           |              |             | Northing:   | 5031082   |     |
| Orig Ground                  |             | 82.9      |              |             | Location Accuracy:                                      |   |     |
| Elev Reliabil                |             |           |              |             | Accuracy:   | Not Applicable  |     |
| DEM Ground                   | Elev m:     | 82.8      |              |             |   |   |     |
| Concession:                  |             |           |              |             |   |   |     |
| Location D:                  |             |           |              |             |   |   |     |
| Survey D:<br>Comments:       |             |           |              |             |   |   |     |
| Johnnento.                   |             |           |              |             |   |   |     |
| Borehole Geo                 | ology Strat | <u>um</u> |              |             |   |   |     |
| Geology Stra                 | tum ID:     | 2184004   | 127          |             | Mat Consistency:  |   |     |
| Top Depth:                   |             | 0         |              |             | Material Moisture:                                      |   |     |
| Bottom Dept                  |             | 1.2       |              |             | Material Texture:                                       |   |     |
| Material Colo                | or:         | Yellow    |              |             | Non Geo Mat Type:                                       |   |     |
| Material 1:                  |             | Sand      |              |             | Geologic Formation:                                     |   |     |
| Material 2:                  |             | Fill      |              |             | Geologic Group:   |   |     |
| Material 3:                  |             |           |              |             | Geologic Period:  |   |     |
| Material 4:                  | Descriptio  | <b></b>   |              |             | Depositional Gen:                                       |   |     |
| Gsc Material<br>Stratum Desc | •           | <i>n.</i> | SAND. YELLOW |             |   |   |     |
| Geology Stra                 | tum ID:     | 2184004   | 129          |             | Mat Consistency:  |   |     |
| Top Depth:                   |             | 29        |              |             | Material Moisture:                                      |   |     |
| Bottom Depti                 | h:          | 30.5      |              |             | Material Texture:                                       |   |     |
| Material Colo                | or:         | Brown     |              |             | Non Geo Mat Type:                                       |   |     |
| Material 1:                  |             | Shale     |              |             | Geologic Formation:                                     |   |     |
| Material 2:                  |             |           |              |             | Geologic Group:   |   |     |
| Material 3:                  |             |           |              |             | Geologic Period:  |   |     |
| Material 4:                  |             |           |              |             | Depositional Gen:                                       |   |     |
| Gsc Material                 | -           | n:        |              | <b></b>     |   |   |     |
| Stratum Desc                 | cription:   |           |              |             | 76CIFIED. Y. SAND. UNSPI<br>have a truncated [Stratum D | ECIFIED. 400030054019010 **Note: Many<br>escription] field. | /   |
| Geology Stra                 | tum ID:     | 2184004   | 128          |             | Mat Consistency:  |   |     |
| Top Depth:                   |             | 1.2       |              |             | Material Moisture:                                      |   |     |
| Bottom Dept                  |             | 29        |              |             | Material Texture:                                       |   |     |
| Material Colo                | or:         | Blue      |              |             | Non Geo Mat Type:                                       |   |     |
| Material 1:                  |             | Clay      |              |             | Geologic Formation:                                     |   |     |
| Material 2:                  |             |           |              |             | Geologic Group:   |   |     |
| Material 3:                  |             |           |              |             | Geologic Period:  |   |     |
| Material 4:                  |             |           |              |             | Depositional Gen:                                       |   |     |
|                              | Descriptio  | n,        |              |             |   |   |     |

# <u>Source</u>

| Мар Кеу  | Number<br>Records   |   | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site  |  | D  |
|--|---|---|----------------------------|------------------|---|--|----|
| Source Type:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:<br>Source Name.<br>Source Detail:<br>Confiden 1:  | :   | 1956-1972<br>U                              | Survey of Canada           |                  | Source Appl:<br>Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>on System (UGAIS)<br>NTS_Sheet:  | Spatial/Tabular<br>1<br>Varies<br>NAD27<br>Mean Average Sea Level  |    |
| Source List  |   |   |                            |                  |   |  |    |
| Source Identii<br>Source Type:<br>Source Date:<br>Scale or Reso<br>Source Name.<br>Source Origin   | olution:  |   |                            |                  | Horizontal Datum:<br>Vertical Datum:<br>Projection Name:<br>on System (UGAIS)   | NAD27<br>Mean Average Sea Level<br>Universal Transverse Mercator   |    |
| <u>24</u>  | 1 of 1  |   | WSW/60.2                   | 79.9/-1.00       | 2968 + 2973 NAVAN<br>NAVAN ON   | RD lot 6 con 3   | ww |
| Well ID:<br>Construction<br>Primary Water<br>Sec. Water Us<br>Final Well Sta<br>Water Type:<br>Casing Materi<br>Audit No:<br>Tag:<br>Construction<br>Elevation (m):<br>Elevation Reli<br>Depth to Bedr<br>Well Depth:<br>Overburden/B<br>Pump Rate:<br>Static Water L<br>Flowing (Y/N).<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Maj | r Use:<br>se:<br>tus:<br>ial:<br>Method:<br>iability:<br>rock:<br>Bedrock:<br>.evel:<br>: | 7279124<br>Not Used<br>Abandoned<br>Z250023 | -Other                     |                  | Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | 1/17/2017<br>Yes<br>Yes<br>7260<br>7<br>2968 + 2973 NAVAN RD<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>006<br>03<br>OF |    |
| Bore Hole Info<br>Bore Hole ID:<br>DP2BR:<br>Spatial Status<br>Code OB:<br>Code OB Dest<br>Open Hole:<br>Cluster Kind:<br>Date Complete<br>Remarks:<br>Elevrc Desc:<br>Location Soul<br>Improvement<br>Improvement<br>Source Revisi  | ::<br>c:<br>ed:<br>rce Date:<br>Location S<br>Location N                                  | lethod:                                     | 8                          |                  | Elevation:<br>Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:<br>Location Method:   | 83.957611<br>18<br>459035<br>5031027<br>UTM83<br>4<br>margin of error : 30 m - 100 m<br>wwr                      |    |

| Мар Кеу   | Number of<br>Records                   | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site   | DB  |
|---|--|----------------------------|------------------|--|-----|
| <u>Method of Co</u><br><u>Use</u>   | onstruction & Well                     |                            |                  |  |     |
| Method Cons   | struction Code:                        | 1006516843                 |                  |  |     |
| <u>Pipe Informa</u>   | <u>tion</u>                            |                            |                  |  |     |
| Pipe ID:<br>Casing No:<br>Comment:<br>Alt Name:   |  | 1006516836<br>0            |                  |  |     |
| <u>Construction</u>   | Record - Casing                        |                            |                  |  |     |
| Casing ID:<br>Layer:<br>Material:<br>Open Hole of<br>Depth From:<br>Depth To:   |  | 1006516840                 |                  |  |     |
| Casing Diam<br>Casing Diam<br>Casing Depti  | eter UOM:                              | inch<br>ft                 |                  |  |     |
| <b>Construction</b>   | Record - Screen                        |                            |                  |  |     |
| Screen ID:<br>Layer:<br>Slot:<br>Screen Top I<br>Screen End I<br>Screen Matei<br>Screen Depti<br>Screen Diam<br>Screen Diam | Depth:<br>rial:<br>h UOM:<br>eter UOM: | 1006516841<br>ft<br>inch   |                  |  |     |
| Water Details   | 6                                      |                            |                  |  |     |
| Water ID:<br>Layer:<br>Kind Code:<br>Kind:  |  | 1006516839                 |                  |  |     |
| Water Found<br>Water Found  | Depth:<br>Depth UOM:                   | ft                         |                  |  |     |
| Hole Diamete  | <u>er</u>                              |                            |                  |  |     |
| Hole ID:<br>Diameter:<br>Depth From:<br>Depth To:   |  | 1006516838                 |                  |  |     |
| Hole Depth U<br>Hole Diamete  |  | ft<br>inch                 |                  |  |     |
| <u>25</u>   | 1 of 1                                 | W/61.6                     | 80.6 / -0.24     | City of Ottawa<br>2955 Navan Rd<br>Ottawa ON K2G 6J8 | ECA |

| Map Key  | Number<br>Records  |  | Elev/Diff<br>(m)   | Site  |  | DB           |
|--|--|--|--|---|--|--------------|
| Approval No<br>Approval Da<br>Status:<br>Record Type<br>Link Source:<br>SWP Area Na<br>Approval Typ<br>Project Type  | te:<br>:<br>ame:<br>pe:  | 6041-B59RHU<br>2018-10-11<br>Approved<br>ECA<br>IDS<br>ECA-MUNICIPAL AND I |  |   |  |              |
| Address:<br>Full Address<br>Full PDF Lini  |  | 2955 Navan Rd<br>https://www.access  | senvironment.ene   | .gov.on.ca/instruments/6301-  | B4JK4D-14.pdf                                  |              |
| <u>26</u>  | 1 of 1   | W/61.6   | 80.6 / -0.24   | 2955 Navan Rd<br>Ottawa ON K1C7G4   |  | EHS          |
| Order No:<br>Status:<br>Report Type.<br>Report Date:<br>Date Receive<br>Previous Site<br>Lot/Building<br>Additional In   | ed:<br>e Name:<br>Size:  | 20160526164<br>C<br>Standard Report<br>02-JUN-16<br>26-MAY-16              |  | Nearest Intersection:<br>Municipality:<br>Client Prov/State:<br>Search Radius (km):<br>X:<br>Y: | ON<br>.25<br>-75.524024<br>45.432295           |              |
| 27   | 1 of 1   | E/63.6   | 80.9 / 0.00  | 2777 PAGE ROAD<br>Orleans ON K1W 1G1  |  | HINC         |
| External File<br>Fuel Occurre<br>Date of Occu<br>Fuel Type Im<br>Status Desc:<br>Job Type De<br>Oper. Type I<br>Service Inter<br>Property Dar<br>Fuel Life Cyc<br>Root Cause:<br>Reported De<br>Fuel Categor<br>Occurrence<br>Affiliation:<br>County Nam<br>Approx. Qua<br>Enter Draina<br>Approx. Qua | ence Type:<br>urrence:<br>volved:<br>sc:<br>nvolved:<br>ruptions:<br>mage:<br>cle Stage:<br>tails:<br>y:<br>Type:<br>e:<br>nt. Rel:<br>of water:<br>ge Syst.:<br>nt. Unit: | Gaseous Fuel<br>Incident   | al Analysis(End)<br>Occurrence (FS)<br>pipeline strike)<br>ribution and Trans<br>oment/Material/Co<br>tt:No Human Fa | mponent:No Procedures:Ye  |  | No Training: |
| <u>28</u>  | 1 of 1   | WSW/63.9   | 79.9 / -1.00   | 2968 Navan Rd<br>Ottawa ON K1C7G4   |  | EHS          |
| Order No:<br>Status:<br>Report Type.<br>Report Date:<br>Date Receive<br>Previous Site<br>Lot/Building  | ed:<br>e Name:   | 20160505010<br>C<br>Standard Report<br>11-MAY-16<br>05-MAY-16              |  | Nearest Intersection:<br>Municipality:<br>Client Prov/State:<br>Search Radius (km):<br>X:<br>Y: | OTTAWA<br>ON<br>.25<br>-75.523799<br>45.431567 |              |

erisinfo.com | Environmental Risk Information Services

| Map Key   | Number<br>Records  |                                      | Direction/<br>Distance (m)      | Elev/Diff<br>(m)   | Site   |   | DB  |
|---|--|--------------------------------------|---------------------------------|--------------------|--|---|-----|
| Additional Ir   | nfo Ordered:   |                                      | Title Searches; Top             | oographic Maps; (  | City Directory   |   |     |
| <u>29</u>   | 1 of 1   |                                      | SW/74.6                         | 79.9 / -1.00       | lot 6 con 3<br>ON  | 1   | www |
| Well ID:<br>Construction<br>Primary Wat<br>Sec. Water U<br>Final Well Si<br>Water Type:<br>Casing Mate<br>Audit No:<br>Tag:<br>Construction<br>Elevation (m<br>Elevation (m<br>Elevation Re<br>Depth to Ben<br>Well Depth:<br>Overburden,<br>Pump Rate:<br>Static Water<br>Flowing (Y/N | ter Use:<br>Use:<br>itatus:<br>erial:<br>n Method:<br>n):<br>eliability:<br>drock:<br>v/Bedrock:<br>r Level: | 1501531<br>Domestic<br>0<br>Water Su |                                 |                    | Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone: | 1<br>2/2/1967<br>Yes<br>1802<br>1<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>006<br>03<br>OF |     |
| Flow Rate:<br>Clear/Cloud <u>y</u><br>PDF URL (M  | -  |                                      | https://d2khazk8e8              | 3rdv.cloudfront.ne | UTM Reliability:<br>et/moe_mapping/downloads   | s/2Water/Wells_pdfs/150\1501531.pdf   |     |
| Bore Hole In  | nformation   |                                      |                                 |                    |  |   |     |
| Improvemen<br>Source Revi<br>Supplier Col   | us:<br>esc:<br>eted:<br>::<br>ource Date:<br>nt Location S<br>nt Location N<br>ision Comme<br>mment:         | lethod:<br>ent:                      |                                 |                    | Elevation:<br>Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:<br>Location Method:  | 83.557785<br>18<br>459200.8<br>5030962<br>5<br>margin of error : 100 m - 300 m<br>p5  |     |
| <u>Overburden</u><br><u>Materials Int</u>   | <u>and Bedroci<br/>terval</u>  | <u>k</u>                             |                                 |                    |  |   |     |
| Formation II<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Comm<br>Mat2:<br>Mat2 Desc:<br>Mat3:  |  |                                      | 930992088<br>3<br>14<br>HARDPAN |                    |  |   |     |
| Mat3 Desc:<br>Formation T<br>Formation E  |  | DM:                                  | 105<br>110<br>ft                |                    |  |   |     |

|                                       |                            |                   | (m) |  |
|---------------------------------------|----------------------------|-------------------|-----|--|
| Overburden a<br>Materials Inte        | and Bedrock<br>erval       |                   |     |  |
| Formation ID                          | :                          | 930992089         |     |  |
| Layer:                                |                            | 4                 |     |  |
| Color:<br>General Colo                | r:                         |                   |     |  |
| Mat1:                                 |                            | 17                |     |  |
| Most Commo<br>Mat2:                   | on Material:               | SHALE             |     |  |
| Mat2 Desc:                            |                            |                   |     |  |
| Mat3:                                 |                            |                   |     |  |
| Mat3 Desc:<br>Formation To            | op Depth:                  | 110               |     |  |
| Formation Er                          | nd Depth:                  | 120               |     |  |
| Formation Er                          | nd Depth UOM:              | ft                |     |  |
| <u>Overburden a</u><br>Materials Inte | and Bedrock                |                   |     |  |
|                                       |                            |                   |     |  |
| Formation ID<br>Layer:                | :                          | 930992086<br>1    |     |  |
| Color:                                |                            |                   |     |  |
| General Colo                          | r:                         | 00                |     |  |
| Mat1:<br>Most Commo                   | on Material:               | 09<br>MEDIUM SAND |     |  |
| Mat2:                                 |                            |                   |     |  |
| Mat2 Desc:<br>Mat3:                   |                            |                   |     |  |
| Mat3 Desc:                            |                            |                   |     |  |
| Formation To                          | op Depth:                  | 0                 |     |  |
| Formation Er<br>Formation Fr          | nd Depth:<br>nd Depth UOM: | 6<br>ft           |     |  |
|                                       | la Departoom.              | n                 |     |  |
| Overburden a<br>Materials Inte        | and Bedrock<br>erval       |                   |     |  |
| Formation ID                          | :                          | 930992087         |     |  |
| Layer:                                |                            | 2                 |     |  |
| Color:<br>General Colo                | r:                         |                   |     |  |
| Mat1:                                 |                            | 05                |     |  |
| Most Commo<br>Mat2:                   | on Material:               | CLAY              |     |  |
| Mat2.<br>Mat2 Desc:                   |                            |                   |     |  |
| Mat3:                                 |                            |                   |     |  |
| Mat3 Desc:<br>Formation To            | n Denth:                   | 6                 |     |  |
| Formation Er                          | nd Depth:                  | 105               |     |  |
| Formation Er                          | nd Depth UOM:              | ft                |     |  |
| <u>Method of Co</u><br><u>Use</u>     | onstruction & Well         |                   |     |  |
| Method Cons                           | truction ID.               | 961501531         |     |  |
| Method Cons                           | truction Code:             | 1                 |     |  |
| Method Cons                           |                            | Cable Tool        |     |  |
| other Method                          | Construction:              |                   |     |  |

# Pipe Information

|   | Records                 | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                            |   | DE  |
|---|-------------------------|----------------------------|------------------|---------------------------------|---|-----|
| Pipe ID:<br>Casing No:<br>Comment:<br>Alt Name: |                         | 10572144<br>1              |                  |                                 |   |     |
| <u>Construction</u>                             | Record - Casing         |                            |                  |                                 |   |     |
| Casing ID:                                      |                         | 930040008                  |                  |                                 |   |     |
| Layer:  |                         | 1                          |                  |                                 |   |     |
| Material:                                       |                         | 1                          |                  |                                 |   |     |
| Open Hole or                                    | Material:               | STEEL                      |                  |                                 |   |     |
| Depth From:<br>Depth To:                        |                         | 114                        |                  |                                 |   |     |
| Casing Diame                                    | tor:                    | 6                          |                  |                                 |   |     |
| Casing Diame                                    |                         | inch                       |                  |                                 |   |     |
| Casing Depth                                    |                         | ft                         |                  |                                 |   |     |
| Construction                                    | Record - Casing         |                            |                  |                                 |   |     |
| Casing ID:                                      |                         | 930040009                  |                  |                                 |   |     |
| Layer:  |                         | 2                          |                  |                                 |   |     |
| <i>Material:</i><br>Open Hole or                | Material:               | 4<br>OPEN HOLE             |                  |                                 |   |     |
| Depth From:                                     |                         | 100                        |                  |                                 |   |     |
| Depth To:<br>Casing Diame                       | tor:                    | 120<br>6                   |                  |                                 |   |     |
| Casing Diame                                    |                         | inch                       |                  |                                 |   |     |
| Casing Depth                                    |                         | ft                         |                  |                                 |   |     |
| Results of We                                   | ell Yield Testing       |                            |                  |                                 |   |     |
| Pump Test ID<br>Pump Set At:                    | :                       | 991501531                  |                  |                                 |   |     |
| Static Level:                                   |                         | 38                         |                  |                                 |   |     |
|   | ter Pumping:            | 80                         |                  |                                 |   |     |
| Recommende                                      | d Pump Depth:           | 110                        |                  |                                 |   |     |
| Pumping Rate<br>Flowing Rate:                   |                         | 17                         |                  |                                 |   |     |
|   | d Pump Rate:            | 5                          |                  |                                 |   |     |
| Levels UOM:                                     |                         | ft                         |                  |                                 |   |     |
| Rate UOM:                                       |                         | GPM                        |                  |                                 |   |     |
|   | fter Test Code:         | 1                          |                  |                                 |   |     |
| Water State A                                   |                         | CLEAR                      |                  |                                 |   |     |
| Pumping Test                                    |                         | 1<br>1                     |                  |                                 |   |     |
| Pumping Dura<br>Pumping Dura                    | ation HR:<br>ation MIN: | 0                          |                  |                                 |   |     |
| Flowing:  |                         | No                         |                  |                                 |   |     |
| Water Details                                   |                         |                            |                  |                                 |   |     |
| Water ID:                                       |                         | 933454241                  |                  |                                 |   |     |
| Layer:  |                         | 1                          |                  |                                 |   |     |
| Kind Code:                                      |                         | 1                          |                  |                                 |   |     |
| Kind:   |                         | FRESH                      |                  |                                 |   |     |
| Water Found<br>Water Found                      |                         | 115<br>ft                  |                  |                                 |   |     |
| <u>30</u>                                       | 1 of 1                  | N/78.9                     | 79.9/-1.00       | lot 6 con 3<br>ON               |   | ww. |
| Well ID:<br>Construction                        | 15107<br><b>Date:</b>   | 716                        |                  | Data Entry Status:<br>Data Src: | 1 |     |

| Мар Кеу        | Numbe<br>Record |            | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site             |                     | DB |
|----------------|-----------------|------------|----------------------------|------------------|------------------|---------------------|----|
| Primary Wate   | er Use:         | Domestic   |                            |                  | Date Received:   | 2/23/1971           |    |
| Sec. Water U   | se:             | 0          |                            |                  | Selected Flag:   | Yes                 |    |
| Final Well Sta | atus:           | Water Supp | bly                        |                  | Abandonment Rec: |                     |    |
| Water Type:    |                 |            |                            |                  | Contractor:      | 1504                |    |
| Casing Mater   | rial:           |            |                            |                  | Form Version:    | 1                   |    |
| Audit No:      |                 |            |                            |                  | Owner:           |                     |    |
| Tag:           |                 |            |                            |                  | Street Name:     |                     |    |
| Construction   | Method:         |            |                            |                  | County:          | OTTAWA              |    |
| Elevation (m)  | ):              |            |                            |                  | Municipality:    | GLOUCESTER TOWNSHIP |    |
| Elevation Rel  | liability:      |            |                            |                  | Site Info:       |                     |    |
| Depth to Bed   | rock:           |            |                            |                  | Lot:             | 006                 |    |
| Well Depth:    |                 |            |                            |                  | Concession:      | 03                  |    |
| Overburden/b   | Bedrock:        |            |                            |                  | Concession Name: | OF                  |    |
| Pump Rate:     |                 |            |                            |                  | Easting NAD83:   |                     |    |
| Static Water I | Level:          |            |                            |                  | Northing NAD83:  |                     |    |
| Flowing (Y/N)  | );              |            |                            |                  | Zone:            |                     |    |
| Flow Rate:     | •               |            |                            |                  | UTM Reliability: |                     |    |
| Clear/Cloudy   | :               |            |                            |                  |                  |                     |    |

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/151\1510716.pdf

# Bore Hole Information

| Bore Hole ID:<br>DP2BR:<br>Spatial Status:<br>Code OB:<br>Code OB Desc:<br>Open Hole:<br>Cluster Kind:<br>Date Completed:<br>Remarks:<br>Elevrc Desc:<br>Location Source Date:<br>Improvement Location S<br>Improvement Location I<br>Source Revision Comm<br>Supplier Comment: | Method:<br>ent:  |               | Elevation:<br>Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC:<br>UTMRC Desc:<br>Location Method: | 83.49958<br>18<br>459310.8<br>5031362<br>4<br>margin of error : 30 m - 100 m<br>p4 |
|---|------------------|---------------|---|--|
| Materials Interval  | <u></u>          |               |   |  |
| Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:   | 2<br>6<br>E<br>1 |               |   |  |
| Formation Top Depth:<br>Formation End Depth:<br>Formation End Depth U   | 9                | 90<br>17<br>t |   |  |
| <u>Overburden and Bedroc</u><br><u>Materials Interval</u>   | : <u>k</u>       |               |   |  |
| Formation ID:<br>Layer:<br>Color:<br>General Color:   | 1                |               |   |  |

| • •  | lumber of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--|----------------------|----------------------------|------------------|------|----|
| Mat1:<br>Most Common N<br>Mat2:<br>Mat2 Desc:<br>Mat3: | laterial:            | 05<br>CLAY                 |                  |      |    |
| Mat3 Desc:   |                      | 0                          |                  |      |    |
| Formation Top D<br>Formation End D                     |                      | 0<br>90                    |                  |      |    |
| Formation End E  |                      | ft                         |                  |      |    |
| <u>Method of Const</u><br><u>Use</u>                   | truction & Well      |                            |                  |      |    |
| Method Construe<br>Method Construe                     |                      | 961510716<br>7             |                  |      |    |
| Method Construe<br>Other Method Co                     | ction:               | Diamond                    |                  |      |    |
| Pipe Information                                       | !                    |                            |                  |      |    |
| Pipe ID:   |                      | 10581303                   |                  |      |    |
| Casing No:<br>Comment:<br>Alt Name:                    |                      | 1                          |                  |      |    |
| Construction Re  | <u>cord - Casing</u> |                            |                  |      |    |
| Casing ID:   |                      | 930058033                  |                  |      |    |
| Layer:   |                      | 2                          |                  |      |    |
| Material:<br>Open Hole or Ma                           | torial               | 4<br>OPEN HOLE             |                  |      |    |
| Depth From:  | iteriai.             |                            |                  |      |    |
| Depth To:  |                      | 97                         |                  |      |    |
| Casing Diameter  | :<br>                | inch                       |                  |      |    |
| Casing Diameter<br>Casing Depth UC                     |                      | inch<br>ft                 |                  |      |    |
| Construction Re  | <u>cord - Casing</u> |                            |                  |      |    |
| Casing ID:   |                      | 930058032                  |                  |      |    |
| Layer:   |                      | 1                          |                  |      |    |
| Material:<br>Open Hole or Ma                           | torial               | 2<br>GALVANIZED            |                  |      |    |
| Depth From:  | iteriai.             | OALVANIZED                 |                  |      |    |
| Depth To:  |                      | 92                         |                  |      |    |
| Casing Diameter<br>Casing Diameter                     | :<br>                | 2<br>inch                  |                  |      |    |
| Casing Depth UC  |                      | ft                         |                  |      |    |
| Results of Well  | <u>rield Testing</u> |                            |                  |      |    |
| Pump Test ID:<br>Pump Set At:                          |                      | 991510716                  |                  |      |    |
| Static Level:  |                      | 12                         |                  |      |    |
| Final Level After                                      |                      | 45                         |                  |      |    |
| Recommended F<br>Pumping Rate:                         | -ump Depth:          | 50<br>6                    |                  |      |    |
| Flowing Rate:  |                      | 0                          |                  |      |    |
| Recommended F  | Pump Rate:           | 6                          |                  |      |    |
| Levels UOM:  |                      | ft                         |                  |      |    |
| Rate UOM:<br>Water State After                         | r Test Code          | GPM<br>1                   |                  |      |    |
|  | 1651 0006.           |                            |                  |      |    |

| Мар Кеу   | Number<br>Records        |   | Elev/Diff<br>(m) | Site   |                                 | DB   |
|---|--------------------------|---|------------------|--|---------------------------------|------|
| Water State /<br>Pumping Tes<br>Pumping Du<br>Pumping Du<br>Flowing:        | st Method:<br>ration HR: | CLEAR<br>1<br>2<br>0<br>No                          |                  |  |                                 |      |
| Draw Down &   | <u>&amp; Recovery</u>    |   |                  |  |                                 |      |
| Pump Test D<br>Test Type:<br>Test Duration<br>Test Level:<br>Test Level U   | n:                       | 934097307<br>Draw Down<br>15<br>30<br>ft            |                  |  |                                 |      |
| Draw Down &   | & Recovery               |   |                  |  |                                 |      |
| Pump Test D<br>Test Type:<br>Test Duration<br>Test Level:<br>Test Level U   | n:                       | 934641201<br>Draw Down<br>45<br>45<br>ft            |                  |  |                                 |      |
| Draw Down 8   | & Recovery               |   |                  |  |                                 |      |
| Pump Test D<br>Test Type:<br>Test Duration<br>Test Level:<br>Test Level U   | n:                       | 934897987<br>Draw Down<br>60<br>45<br>ft            |                  |  |                                 |      |
| <u>Draw Down 8</u>  | & Recovery               |   |                  |  |                                 |      |
| Pump Test D<br>Test Type:<br>Test Duration<br>Test Level:<br>Test Level U   | n:                       | 934380042<br>Draw Down<br>30<br>45<br>ft            |                  |  |                                 |      |
| Water Details   | <u>6</u>                 |   |                  |  |                                 |      |
| Water ID:<br>Layer:<br>Kind Code:<br>Kind:<br>Water Found<br>Water Found    |                          | 933465749<br>1<br>1<br>FRESH<br>97<br><b>1</b> : ft |                  |  |                                 |      |
| <u>31</u>   | 1 of 1                   | N/79.1  | 79.9/-1.00       | ON   |                                 | BORE |
| Borehole ID:<br>OGF ID:<br>Status:<br>Type:<br>Use:<br>Completion I         | Date:                    | 615127<br>215516069<br>Borehole<br>FEB-1970         |                  | Inclin FLG:<br>SP Status:<br>Surv Elev:<br>Piezometer:<br>Primary Name:<br>Municipality: | No<br>Initial Entry<br>No<br>No |      |
| Static Water<br>Primary Wate<br>Sec. Water U<br>Total Depth I<br>Depth Ref: | er Use:<br>lse:          | 29.6<br>Ground Surface                              |                  | Lot:<br>Township:<br>Latitude DD:<br>Longitude DD:<br>UTM Zone:                          | 45.434598<br>-75.520208<br>18   |      |

|  | Number<br>Records  |  | Direction/<br>Distance (m)  | Elev/Diff<br>(m)                                   | Site  | DB   |
|--|--|--|---|--|---|--|
| Depth Elev:  |  |  |   |  | Easting:  | 459311   |
| Drill Method:  |  |  |   |  | Northing:   | 5031362  |
| Orig Ground E  | lev m:   | 82.3   |   |  | Location Accuracy:  |  |
| Elev Reliabil N  | lote:  |  |   |  | Accuracy:   | Not Applicable   |
| DEM Ground E   | Elev m:  | 83.5   |   |  |   |  |
| Concession:  |  |  |   |  |   |  |
| Location D:  |  |  |   |  |   |  |
| Survey D:  |  |  |   |  |   |  |
| Comments:  |  |  |   |  |   |  |
| Borehole Geol  | logy Strat   | <u>um</u>  |   |  |   |  |
| Geology Strat  | um ID:   | 218400539  | )   |  | Mat Consistency:  | Dense  |
| Top Depth:   |  | 27.4   |   |  | Material Moisture:  |  |
| Bottom Depth.  |  | 29.6   |   |  | Material Texture:   | Fine   |
| Material Color   |  | Brown  |   |  | Non Geo Mat Type:   |  |
| Material 1:  |  | Slate  |   |  | Geologic Formation:   |  |
| Material 2:  |  |  |   |  | Geologic Group:   |  |
| Material 3:  |  |  |   |  | Geologic Period:  |  |
| Material 4:  |  |  |   |  | Depositional Gen:   |  |
| Gsc Material D   | Description  |  |   |  |   |  |
| Stratum Descr  | ription:   |  |   |  | FINE. FIRM. DENSE. BED<br>ave a truncated [Stratum De   | DROCK. BEDROCK. 00010 025 000 **Note: Man<br>escription] field.  |
| Geology Strat  | um ID:   | 218400538  | 3   |  | Mat Consistency:  |  |
| Top Depth:   |  | 0  |   |  | Material Moisture:  |  |
| Bottom Depth.  | :  | 27.4   |   |  | Material Texture:   |  |
| Material Color   |  | Blue   |   |  | Non Geo Mat Type:   |  |
| Material 1:  |  | Clay   |   |  | Geologic Formation:   |  |
| Material 2:  |  | ,  |   |  | Geologic Group:   |  |
| Material 3:  |  |  |   |  | Geologic Period:  |  |
| Material 4:  |  |  |   |  | Depositional Gen:   |  |
| Gsc Material D   | Description  | n:   |   |  |   |  |
| Stratum Descr  | •  |  | CLAY. BLUE.   |  |   |  |
|  |  |  |   |  |   |  |
| <u>Source</u>  |  |  |   |  |   |  |
|  |  | Data Surve   | ؛۷  |  | Source Appl:  | Spatial/Tabular  |
| Source Type:   |  | Data Surve<br>Geological   |   |  | Source Appl:<br>Source Iden:  | Spatial/Tabular<br>1   |
| Source Type:   |  |  | Survey of Canada  |  |   | •  |
| Source Type:<br>Source Orig:<br>Source Date:   |  | Geological   | Survey of Canada  |  | Source Iden:  | 1  |
| Source Type:<br>Source Orig:<br>Source Date:   |  | Geological   | Survey of Canada  |  | Source Iden:<br>Scale or Res:   | 1<br>Varies<br>NAD27   |
| Source Type:<br>Source Orig:<br>Source Date:<br>Confidence:  |  | Geological<br>1956-1972  | Survey of Canada  | mated Informatior                                  | Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:   | 1<br>Varies  |
| Source Type:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:   |  | Geological<br>1956-1972<br>L   | Survey of Canada  |  | Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)   | 1<br>Varies<br>NAD27   |
| Source Type:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:<br>Source Name:<br>Source Details   |  | Geological<br>1956-1972<br>L   | Survey of Canada  |  | Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)   | 1<br>Varies<br>NAD27   |
| Source Type:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:<br>Source Name:<br>Source Details<br>Confiden 1:  |  | Geological<br>1956-1972<br>L   | Survey of Canada  |  | Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)   | 1<br>Varies<br>NAD27   |
| Source Type:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:<br>Source Name:<br>Source Details<br>Confiden 1:<br>Source List   | 5:   | Geological<br>1956-1972<br>L   | Survey of Canada  |  | Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)<br>ITS_Sheet:   | 1<br>Varies<br>NAD27<br>Mean Average Sea Level   |
| Source Type:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:<br>Source Name:<br>Source Details<br>Confiden 1:<br><u>Source List</u><br>Source Identiff   | 5:   | Geological<br>1956-1972<br>L<br>F  | Survey of Canada<br>Jrban Geology Auto<br>File: OTTAWA2.txt F   |  | Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)<br>ITS_Sheet:<br>Horizontal Datum:  | 1<br>Varies<br>NAD27<br>Mean Average Sea Level<br>NAD27  |
| Source Type:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:<br>Source Name:<br>Source Details<br>Confiden 1:<br><u>Source List</u><br>Source Identiff<br>Source Type:   | 5:   | Geological<br>1956-1972<br>L<br>F<br>Data Surve  | Survey of Canada<br>Jrban Geology Auto<br>File: OTTAWA2.txt F   |  | Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)<br>ITS_Sheet:<br>Horizontal Datum:<br>Vertical Datum:   | 1<br>Varies<br>NAD27<br>Mean Average Sea Level<br>NAD27<br>Mean Average Sea Level                                  |
| Source Type:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:<br>Source Name:<br>Source Details<br>Confiden 1:<br><u>Source List</u><br>Source List<br>Source Identifi<br>Source Type:<br>Source Date:  | s:<br>ïer:   | Geological<br>1956-1972<br>L<br>F<br>Data Surve<br>1956-1972                           | Survey of Canada<br>Jrban Geology Auto<br>File: OTTAWA2.txt F   |  | Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)<br>ITS_Sheet:<br>Horizontal Datum:  | 1<br>Varies<br>NAD27<br>Mean Average Sea Level<br>NAD27  |
| Source Type:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:<br>Source Name:<br>Source Details<br>Confiden 1:<br><u>Source List</u><br>Source List<br>Source Identifi<br>Source Type:<br>Source Date:<br>Scale or Reso   | s:<br>ier:<br>lution:                                      | Geological<br>1956-1972<br>L<br>F<br>Data Surve<br>1956-1972<br>Varies                 | Survey of Canada<br>Jrban Geology Auto<br>File: OTTAWA2.txt F   | RecordID: 07635 N                                  | Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)<br>ITS_Sheet:<br>Horizontal Datum:<br>Vertical Datum:<br>Projection Name:   | 1<br>Varies<br>NAD27<br>Mean Average Sea Level<br>NAD27<br>Mean Average Sea Level                                  |
| Source Type:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:<br>Source Name:<br>Source Details<br>Confiden 1:<br><u>Source List</u><br>Source List<br>Source Identif<br>Source Type:<br>Source Date:<br>Scale or Reso<br>Source Name:  | ier:<br>lution:  | Geological<br>1956-1972<br>L<br>F<br>Data Surve<br>1956-1972<br>Varies                 | Survey of Canada<br>Jrban Geology Auto<br>File: OTTAWA2.txt F   | RecordID: 07635 N                                  | Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)<br>ITS_Sheet:<br>Horizontal Datum:<br>Vertical Datum:<br>Projection Name:   | 1<br>Varies<br>NAD27<br>Mean Average Sea Level<br>NAD27<br>Mean Average Sea Level                                  |
| Source Type:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:<br>Source Name:<br>Source Details<br>Confiden 1:<br><u>Source List</u><br>Source List<br>Source Identifi<br>Source Type:<br>Source Date:  | ier:<br>lution:  | Geological<br>1956-1972<br>L<br>F<br>Data Surve<br>1956-1972<br>Varies                 | Survey of Canada<br>Jrban Geology Auto<br>File: OTTAWA2.txt F   | RecordID: 07635 N                                  | Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)<br>ITS_Sheet:<br>Horizontal Datum:<br>Vertical Datum:<br>Projection Name:   | 1<br>Varies<br>NAD27<br>Mean Average Sea Level<br>NAD27<br>Mean Average Sea Level                                  |
| Source Type:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:<br>Source Name:<br>Source Details<br>Confiden 1:<br>Source List<br>Source List<br>Source Identiff<br>Source Type:<br>Source Date:<br>Scale or Reso<br>Source Name:<br>Source Origina  | ier:<br>lution:  | Geological<br>1956-1972<br>L<br>F<br>Data Surve<br>1956-1972<br>Varies                 | Survey of Canada<br>Jrban Geology Auto<br>File: OTTAWA2.txt F   | RecordID: 07635 N                                  | Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)<br>ITS_Sheet:<br>Horizontal Datum:<br>Vertical Datum:<br>Projection Name:   | 1<br>Varies<br>NAD27<br>Mean Average Sea Level<br>NAD27<br>Mean Average Sea Level                                  |
| Source Type:<br>Source Orig:<br>Source Date:<br>Observatio:<br>Source Name:<br>Source Details<br>Confiden 1:<br><u>Source List</u><br>Source Identiff<br>Source Type:<br>Source Date:<br>Scale or Reso<br>Source Name:<br>Source Origina<br><u>32</u><br>Well ID:                                      | s:<br>lution:<br>ators:<br>1 of 1                          | Geological<br>1956-1972<br>L<br>F<br>Data Surve<br>1956-1972<br>Varies                 | Survey of Canada<br>Jrban Geology Auto<br>File: OTTAWA2.txt F<br>Py<br>Jrban Geology Auto<br>Geological Survey of | RecordID: 07635 N<br>mated Information<br>f Canada | Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)<br>ITS_Sheet:<br>Horizontal Datum:<br>Vertical Datum:<br>Projection Name:<br>System (UGAIS)<br>Iot 5 con 3<br>ON<br>Data Entry Status:              | 1<br>Varies<br>NAD27<br>Mean Average Sea Level<br>NAD27<br>Mean Average Sea Level<br>Universal Transverse Mercator |
| Source Type:<br>Source Orig:<br>Source Date:<br>Observatio:<br>Source Name:<br>Source Details<br>Confiden 1:<br><u>Source List</u><br>Source Identifi<br>Source Identifi<br>Source Type:<br>Source Date:<br>Scale or Reso<br>Source Name:<br>Source Origina<br><u>32</u><br>Well ID:<br>Construction I | s:<br>lution:<br>ators:<br>1 of 1<br>Date:                 | Geological<br>1956-1972<br>L<br>Data Surve<br>1956-1972<br>Varies<br>L<br>C<br>1501412 | Survey of Canada<br>Jrban Geology Auto<br>File: OTTAWA2.txt F<br>Py<br>Jrban Geology Auto<br>Geological Survey of | RecordID: 07635 N<br>mated Information<br>f Canada | Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)<br>ITS_Sheet:<br>Horizontal Datum:<br>Vertical Datum:<br>Projection Name:<br>System (UGAIS)<br>Iot 5 con 3<br>ON<br>Data Entry Status:<br>Data Src: | 1<br>Varies<br>NAD27<br>Mean Average Sea Level<br>NAD27<br>Mean Average Sea Level<br>Universal Transverse Mercator |
| Source Type:<br>Source Orig:<br>Source Date:<br>Observatio:<br>Source Name:<br>Source Details<br>Confiden 1:<br><u>Source List</u><br>Source Identiff<br>Source Type:<br>Source Date:<br>Scale or Reso<br>Source Name:<br>Source Origina<br><u>32</u><br>Well ID:                                      | s:<br>ier:<br>lution:<br>ators:<br>1 of 1<br>Date:<br>Vse: | Geological<br>1956-1972<br>L<br>Data Surve<br>1956-1972<br>Varies<br>L<br>C            | Survey of Canada<br>Jrban Geology Auto<br>File: OTTAWA2.txt F<br>Py<br>Jrban Geology Auto<br>Geological Survey of | RecordID: 07635 N<br>mated Information<br>f Canada | Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)<br>ITS_Sheet:<br>Horizontal Datum:<br>Vertical Datum:<br>Projection Name:<br>System (UGAIS)<br>Iot 5 con 3<br>ON<br>Data Entry Status:              | 1<br>Varies<br>NAD27<br>Mean Average Sea Level<br>NAD27<br>Mean Average Sea Level<br>Universal Transverse Mercator |

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Order No: 21031000068

| Мар Кеу        | Number of<br>Records | <i>Direction/<br/>Distance (m)</i> | Elev/Diff<br>(m)   | Site                    | DB                                 |
|----------------|----------------------|------------------------------------|--------------------|-------------------------|------------------------------------|
| Final Well Sta | atus: Wa             | ater Supply                        |                    | Abandonment Rec:        |                                    |
| Water Type:    |                      |                                    |                    | Contractor:             | 1504                               |
| Casing Mater   | rial:                |                                    |                    | Form Version:           | 1                                  |
| Audit No:      |                      |                                    |                    | Owner:                  |                                    |
| Tag:           |                      |                                    |                    | Street Name:            |                                    |
| Construction   | Method:              |                                    |                    | County:                 | OTTAWA                             |
| Elevation (m)  | ):                   |                                    |                    | Municipality:           | GLOUCESTER TOWNSHIP                |
| Elevation Rel  |                      |                                    |                    | Site Info:              |                                    |
| Depth to Bed   | •                    |                                    |                    | Lot:                    | 005                                |
| Well Depth:    |                      |                                    |                    | Concession:             | 03                                 |
| Overburden/l   | Bedrock:             |                                    |                    | Concession Name:        | OF                                 |
| Pump Rate:     |                      |                                    |                    | Easting NAD83:          |                                    |
| Static Water   | Level:               |                                    |                    | Northing NAD83:         |                                    |
| Flowing (Y/N   | );                   |                                    |                    | Zone:                   |                                    |
| Flow Rate:     | /-                   |                                    |                    | UTM Reliability:        |                                    |
| Clear/Cloudy   | :                    |                                    |                    | ······                  |                                    |
| PDF URL (Ma    | ap):                 | https://d2khazk8e83                | Brdv.cloudfront.ne | t/moe_mapping/downloads | /2Water/Wells_pdfs/150\1501412.pdf |
| Bore Hole Inf  | formation            |                                    |                    |                         |                                    |
| Bore Hole ID:  | : 10                 | 023455                             |                    | Elevation:              | 83.57019                           |

| Bore Hole ID:        | 10023435   | Elevation:       | 63.57019                        |
|----------------------|------------|------------------|---------------------------------|
| DP2BR:               | 100        | Elevrc:          |                                 |
| Spatial Status:      |            | Zone:            | 18                              |
| Code OB:             | r          | East83:          | 459450.8                        |
| Code OB Desc:        | Bedrock    | North83:         | 5031122                         |
| Open Hole:           |            | Org CS:          |                                 |
| Cluster Kind:        |            | UTMRC:           | 5                               |
| Date Completed:      | 11/10/1961 | UTMRC Desc:      | margin of error : 100 m - 300 m |
| Remarks:             |            | Location Method: | p5                              |
| Elevrc Desc:         |            |                  | •                               |
| Location Source Date | :          |                  |                                 |
| Improvement Location | n Source:  |                  |                                 |
| Improvement Location |            |                  |                                 |
| Source Revision Com  |            |                  |                                 |
| Supplier Comment:    |            |                  |                                 |
|                      |            |                  |                                 |
| Overburden and Bedr  | <u>ock</u> |                  |                                 |
| Materials Interval   |            |                  |                                 |
| Formation ID:        | 930991770  |                  |                                 |
| Layer:               | 1          |                  |                                 |
| Color:               | 3          |                  |                                 |
| General Color:       | BLUE       |                  |                                 |
| Mat1:                | 05         |                  |                                 |
| Most Common Materia  |            |                  |                                 |
| Mat2:                | <u> </u>   |                  |                                 |
| Mat2 Desc:           |            |                  |                                 |
| Mat2: Desc.<br>Mat3: |            |                  |                                 |
| Mat3 Desc:           |            |                  |                                 |
| Formation Top Depth: | 0          |                  |                                 |
| Formation End Depth: | -          |                  |                                 |
| Formation End Depth  |            |                  |                                 |
|                      |            |                  |                                 |
|                      |            |                  |                                 |
| Overburden and Bedr  | <u>ock</u> |                  |                                 |
|                      |            |                  |                                 |

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

| Formation ID:         | 930991771 |
|-----------------------|-----------|
| Layer:                | 2         |
| Color:                | 6         |
| General Color:        | BROWN     |
| Mat1:                 | 17        |
| Most Common Material: | SHALE     |
|                       |           |

| • •                                 | lumber of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DI                   |
|-------------------------------------|----------------------|----------------------------|------------------|------|----------------------|
| Mat2:                               |                      |                            |                  |      |                      |
| Mat2 Desc:                          |                      |                            |                  |      |                      |
| Mat3:                               |                      |                            |                  |      |                      |
| Mat3 Desc:                          | S (1-                | 100                        |                  |      |                      |
| Formation Top L                     |                      | 100                        |                  |      |                      |
| Formation End L<br>Formation End L  |                      | 114<br>ft                  |                  |      |                      |
|                                     | epui oom.            | π                          |                  |      |                      |
| <u>Method of Cons</u><br><u>Use</u> | truction & Well      |                            |                  |      |                      |
|                                     |                      |                            |                  |      |                      |
| Method Constru                      |                      | 961501412                  |                  |      |                      |
| Method Constru<br>Method Constru    |                      | 7<br>Diamond               |                  |      |                      |
| Other Method Constru                |                      | Diamond                    |                  |      |                      |
| Pipe Information                    | <u>!</u>             |                            |                  |      |                      |
| Pipe ID:                            |                      | 10572025                   |                  |      |                      |
| Casing No:                          |                      | 1                          |                  |      |                      |
| Comment:                            |                      |                            |                  |      |                      |
| Alt Name:                           |                      |                            |                  |      |                      |
| Construction Re                     | cord - Casing        |                            |                  |      |                      |
| Casing ID:                          |                      | 930039794                  |                  |      |                      |
| Layer:                              |                      | 1                          |                  |      |                      |
| Material:                           |                      | 1                          |                  |      |                      |
| Open Hole or Ma<br>Depth From:      | iteriai:             | STEEL                      |                  |      |                      |
| Depth To:                           |                      | 105                        |                  |      |                      |
| Casing Diameter                     |                      | 2                          |                  |      |                      |
| Casing Diameter                     | UOM:                 | inch                       |                  |      |                      |
| Casing Depth U                      | OM:                  | ft                         |                  |      |                      |
| Construction Re                     | cord - Casing        |                            |                  |      |                      |
| Casing ID:                          |                      | 930039795                  |                  |      |                      |
| Layer:                              |                      | 2                          |                  |      |                      |
| Material:<br>Open Hele er Mr        | torial               |                            |                  |      |                      |
| Open Hole or Ma<br>Depth From:      |                      | OPEN HOLE                  |                  |      |                      |
| Depth To:                           |                      | 114                        |                  |      |                      |
| Casing Diameter                     | :                    | 2                          |                  |      |                      |
| Casing Diameter                     | r UOM:               | inch                       |                  |      |                      |
| Casing Depth U                      | ОМ:                  | ft                         |                  |      |                      |
| Results of Well                     | Yield Testing        |                            |                  |      |                      |
| Pump Test ID:                       |                      | 991501412                  |                  |      |                      |
| Pump Set At:                        |                      | 20                         |                  |      |                      |
| Static Level:<br>Final Level After  | Pumping              | 30<br>45                   |                  |      |                      |
| Recommended l                       |                      | 45                         |                  |      |                      |
| Pumping Rate:                       |                      | 12                         |                  |      |                      |
| Flowing Rate:                       |                      |                            |                  |      |                      |
| Recommended I                       | Pump Rate:           | 12                         |                  |      |                      |
| Levels UOM:                         |                      | ft                         |                  |      |                      |
| Rate UOM:                           |                      | GPM                        |                  |      |                      |
| Water State Afte                    |                      |                            |                  |      |                      |
| Water State Afte                    |                      | CLEAR<br>1                 |                  |      |                      |
| Pumping Test M                      | et1100:              | I                          |                  |      |                      |
|                                     |                      | vironmental Risk Info      |                  |      | Order No: 2103100006 |

| Map Key   | Number<br>Records   |   | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site  |  | DB   |
|---|---|---|----------------------------|------------------|---|--|------|
| Pumping Dui<br>Pumping Dui<br>Flowing:  |   |   | 2<br>0<br>No               |                  |   |  |      |
| Water Details   | 5   |   |                            |                  |   |  |      |
| Water ID:<br>Layer:<br>Kind Code:   |   |   | 933454119<br>1<br>1        |                  |   |  |      |
| Kind:<br>Water Found<br>Water Found   |   | 1:  | FRESH<br>114<br>ft         |                  |   |  |      |
| <u>33</u>   | 1 of 1  |   | NNE/84.1                   | 79.8/-1.06       | 2679 Page Road<br>Orleans ON K1W 1G2  |  | EHS  |
| Order No:<br>Status:<br>Report Type:<br>Report Date:<br>Date Receive<br>Previous Site<br>Lot/Building<br>Additional In  | ed:<br>e Name:<br>Size:   | 7/25/200<br>7/16/200<br>0.16 ha                           | omplete Report<br>7        |                  | Nearest Intersection:<br>Municipality:<br>Client Prov/State:<br>Search Radius (km):<br>X:<br>Y:   | North of Navan Road<br>Ottawa<br>0.25<br>-75.519231<br>45.43415                        |      |
| <u>34</u>   | 1 of 1  |   | SW/84.2                    | 79.9/-1.00       | lot 6 con 2<br>ON   |  | WWIS |
| Well ID:<br>Construction<br>Primary Water<br>Sec. Water U<br>Final Well Sta<br>Water Type:<br>Casing Mater<br>Audit No:<br>Tag:<br>Construction<br>Elevation (m,<br>Elevation Re<br>Depth to Beo<br>Well Depth:<br>Overburden/I<br>Pump Rate:<br>Static Water<br>Flowing (Y/N<br>Flow Rate: | er Use:<br>lse:<br>atus:<br>rial:<br>iability:<br>liability:<br>frock:<br>Bedrock:<br>Level:<br>'): | 1511923<br>Domestic<br>0<br>Water Su                      |                            |                  | Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | 1<br>10/4/1972<br>Yes<br>1558<br>1<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>006<br>02<br>OF |      |
| Clear/Cloudy<br>PDF URL (Ma   |   | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloa |                            |                  | t/moe_mapping/downloads/2   | Water/Wells_pdfs/151\1511923.pdf   |      |
| Bore Hole In  | formation   |   |                            |                  |   |  |      |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind.   | s:<br>sc:<br>:  | 1003391<br>96<br>r<br>Bedrock                             | 7                          |                  | Elevation:<br>Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:  | 83.408554<br>18<br>459200.8<br>5030952<br>4  |      |
| Date Comple<br>Remarks:   | ted:  | 5/8/1972  |                            |                  | UTMRC Desc:<br>Location Method:   | margin of error : 30 m - 100 m<br>p4   |      |

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Order No: 21031000068

| Мар Кеу   | Number of<br>Records                                 | Direction/<br>Distance (m)   | Elev/Diff<br>(m) | Site | DB                    |
|---|--|--|------------------|------|-----------------------|
| Improvement   | Location Source:<br>Location Method:<br>ion Comment: |  |                  |      |                       |
| <u>Overburden a</u><br><u>Materials Inte</u>  |  |  |                  |      |                       |
| Formation ID.<br>Layer:<br>Color:<br>General Color<br>Mat1:<br>Most Commo<br>Mat2:  | r:   | 931019097<br>4<br>8<br>BLACK<br>17<br>SHALE                                    |                  |      |                       |
| Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation To<br>Formation En<br>Formation En   | p Depth:<br>d Depth:<br>d Depth UOM:                 | 96<br>120<br>ft  |                  |      |                       |
| <u>Overburden a</u><br><u>Materials Inte</u>  |  |  |                  |      |                       |
| Formation ID.<br>Layer:<br>Color:<br>General Color<br>Mat1:<br>Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation To<br>Formation En | r:<br>n Material:<br>p Depth:                        | 931019096<br>3<br>2<br>GREY<br>14<br>HARDPAN<br>12<br>STONES<br>87<br>96<br>ft |                  |      |                       |
| <u>Overburden a</u><br><u>Materials Inte</u>  |  |  |                  |      |                       |
| Formation ID.<br>Layer:<br>Color:<br>General Colo.<br>Mat1:<br>Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation En<br>Formation En | r:<br>n Material:<br>p Depth:<br>nd Depth:           | 931019094<br>1<br>6<br>BROWN<br>28<br>SAND<br>01<br>FILL<br>0<br>2             |                  |      |                       |
| Overburden a<br><u>Materials Inte</u>   |  | п  |                  |      |                       |
| Formation ID:   |  | 931019095  |                  |      |                       |
| 94  | erisinfo.com   Envi                                  | ronmental Risk Info  | rmation Services |      | Order No: 21031000068 |

| • •                                | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|------------------------------------|----------------------|----------------------------|------------------|------|----|
| Layer:                             |                      | 2                          |                  |      |    |
| Color:<br>General Color:           |                      | 3<br>BLUE                  |                  |      |    |
| Mat1:                              |                      | 05                         |                  |      |    |
| Most Common                        | Material:            | CLAY                       |                  |      |    |
| Mat2:                              |                      |                            |                  |      |    |
| Mat2 Desc:<br>Mat3:                |                      |                            |                  |      |    |
| Mat3 Desc:                         |                      |                            |                  |      |    |
| Formation Top                      | Depth:               | 2                          |                  |      |    |
| Formation End<br>Formation End     |                      | 87<br>ft                   |                  |      |    |
| Formation End                      | Depth UOM:           | π                          |                  |      |    |
| <u>Method of Con</u><br><u>Use</u> | struction & Well     |                            |                  |      |    |
| Method Constr<br>Method Constr     |                      | 961511923<br>1             |                  |      |    |
| Method Constr                      |                      | Cable Tool                 |                  |      |    |
| Other Method (                     |                      |                            |                  |      |    |
| Pipe Informatio                    | <u>on</u>            |                            |                  |      |    |
| Pipe ID:                           |                      | 10582487                   |                  |      |    |
| Casing No:                         |                      | 1                          |                  |      |    |
| Comment:                           |                      |                            |                  |      |    |
| Alt Name:                          |                      |                            |                  |      |    |
| Construction R                     | Record - Casing      |                            |                  |      |    |
| Casing ID:                         |                      | 930060223                  |                  |      |    |
| Layer:                             |                      | 1                          |                  |      |    |
| Material:<br>Open Hole or N        | latorial.            | 1<br>STEEL                 |                  |      |    |
| Depth From:                        | alenai.              | OTELL                      |                  |      |    |
| Depth To:                          |                      | 100                        |                  |      |    |
| Casing Diamete                     |                      | 6<br>                      |                  |      |    |
| Casing Diameter<br>Casing Depth L  |                      | inch<br>ft                 |                  |      |    |
| ousing Deptil C                    |                      | it.                        |                  |      |    |
| Construction R                     | ecord - Casing       |                            |                  |      |    |
| Casing ID:                         |                      | 930060224                  |                  |      |    |
| Layer:<br>Material:                |                      | 2<br>4                     |                  |      |    |
| Open Hole or N                     | laterial:            | 4<br>OPEN HOLE             |                  |      |    |
| Depth From:                        | latonan              | 0. 2012                    |                  |      |    |
| Depth To:                          |                      | 120                        |                  |      |    |
| Casing Diameter<br>Casing Diameter | er:                  | 6<br>inch                  |                  |      |    |
| Casing Depth L                     |                      | ft                         |                  |      |    |
| Results of Well                    | <u>Yield Testing</u> |                            |                  |      |    |
| Pump Test ID:                      |                      | 991511923                  |                  |      |    |
| Pump Set At:                       |                      | 22                         |                  |      |    |
| Static Level:<br>Final Level Afte  | er Pumpina:          | 33<br>40                   |                  |      |    |
| Recommended                        | Pump Depth:          | 60                         |                  |      |    |
| Pumping Rate:                      |                      | 20                         |                  |      |    |
| Flowing Rate:                      | Bump Bata            | 5                          |                  |      |    |
| Recommended                        | rump kate:           | 5                          |                  |      |    |

| Мар Кеу  | Number<br>Records                                       |                                      | Direction/<br>Distance (m)                    | Elev/Diff<br>(m) | Site  |                                   | DB   |
|--|---|--------------------------------------|---|------------------|---|-----------------------------------|------|
| Levels UOM:<br>Rate UOM:<br>Water State J<br>Water State J<br>Pumping Te<br>Pumping Du<br>Pumping Du<br>Flowing:     | After Test C<br>After Test:<br>St Method:<br>ration HR: | ode:                                 | ft<br>GPM<br>2<br>CLOUDY<br>2<br>1<br>0<br>No |                  |   |                                   |      |
| <u>Draw Down a</u>   | <u>&amp; Recovery</u>                                   |                                      |   |                  |   |                                   |      |
| Pump Test D<br>Test Type:<br>Test Duration<br>Test Level:<br>Test Level U  | n:  |                                      | 934893670<br>Draw Down<br>60<br>40<br>ft      |                  |   |                                   |      |
| <u>Draw Down a</u>   | <u>&amp; Recovery</u>                                   |                                      |   |                  |   |                                   |      |
| Pump Test D<br>Test Type:<br>Test Duration<br>Test Level:<br>Test Level U  | n:  |                                      | 934384496<br>Draw Down<br>30<br>40<br>ft      |                  |   |                                   |      |
| <u>Draw Down a</u>   | <u>&amp; Recovery</u>                                   |                                      |   |                  |   |                                   |      |
| Pump Test D<br>Test Type:<br>Test Duration<br>Test Level:<br>Test Level U  | n:  |                                      | 934098560<br>Draw Down<br>15<br>40<br>ft      |                  |   |                                   |      |
| <u>Draw Down a</u>   | & Recovery  |                                      |   |                  |   |                                   |      |
| Pump Test D<br>Test Type:<br>Test Duration<br>Test Level:<br>Test Level U  | n:  |                                      | 934645651<br>Draw Down<br>45<br>40<br>ft      |                  |   |                                   |      |
| Water Details  | 5   |                                      |   |                  |   |                                   |      |
| Water ID:<br>Layer:<br>Kind Code:<br>Kind:<br>Water Found<br>Water Found   |   | И:                                   | 933467222<br>1<br>1<br>FRESH<br>118<br>ft     |                  |   |                                   |      |
| <u>35</u>  | 1 of 1  | _                                    | ENE/89.4                                      | 80.9/0.00        | lot 5 con 3<br>ON   |                                   | WWIS |
| Well ID:<br>Constructior<br>Primary Wate<br>Sec. Water U<br>Final Well St<br>Water Type:<br>Casing Mate<br>Audit No: | er Use:<br>lse:<br>atus:                                | 1511711<br>Domestic<br>0<br>Water Su |   |                  | Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner: | 1<br>4/7/1972<br>Yes<br>1504<br>1 |      |

| Map Key  | Number of<br>Records  | Direction/<br>Distance (m)  | Elev/Diff<br>(m)   | Site                     |                                    |
|--|---|---|--------------------|--------------------------|------------------------------------|
| Tag:   |   |   |                    | Street Name:             |                                    |
| Construction   | Method:   |   |                    | County:                  | OTTAWA                             |
| Elevation (m):   | :   |   |                    | Municipality:            | GLOUCESTER TOWNSHIP                |
| Elevation Reli   | iability:   |   |                    | Site Info:               |                                    |
| Depth to Bedi  |   |   |                    | Lot:                     | 005                                |
| Well Depth:  |   |   |                    | Concession:              | 03                                 |
| Overburden/E   | Redrock:  |   |                    | Concession Name:         | OF                                 |
| Pump Rate:   |   |   |                    |                          | 0                                  |
| Static Water L   | a val   |   |                    | Easting NAD83:           |                                    |
|  |   |   |                    | Northing NAD83:          |                                    |
| Flowing (Y/N)  |   |   |                    | Zone:                    |                                    |
| Flow Rate:   |   |   |                    | UTM Reliability:         |                                    |
| Clear/Cloudy:  |   |   |                    |                          |                                    |
| PDF URL (Maj   | p):   | https://d2khazk8e83   | Brdv.cloudfront.ne | et/moe_mapping/downloads | s/2Water/Wells_pdfs/151\1511711.pd |
| Bore Hole Info   | ormation  |   |                    |                          |                                    |
| Bore Hole ID:  | 100337  | 05  |                    | Elevation:               | 84.411491                          |
| DP2BR:   | 100007  | ~~  |                    | Elevrc:                  |                                    |
| ргавк.<br>Spatial Status   |   |   |                    | Zone:                    | 18                                 |
| •  |   |   |                    |                          | 459430.8                           |
| Code OB:   | 0<br>Overbu   | rdon  |                    | East83:                  |                                    |
| Code OB Des  | c: Overbu   | luell   |                    | North83:                 | 5031182                            |
| Open Hole:   |   |   |                    | Org CS:                  | 4                                  |
| Cluster Kind:  |   | 4   |                    | UTMRC:                   | 4                                  |
| Date Complet   | ed: 7/5/197   | 1   |                    | UTMRC Desc:              | margin of error : 30 m - 100 m     |
| Remarks:   |   |   |                    | Location Method:         | p4                                 |
| Elevrc Desc:   |   |   |                    |                          |                                    |
| Lievic Desc.   |   |   |                    |                          |                                    |
|  | rce Date:   |   |                    |                          |                                    |
| Location Sou   | rce Date:<br>Location Source:   |   |                    |                          |                                    |
| Location Sou<br>Improvement  | Location Source:  |   |                    |                          |                                    |
| Location Sou<br>Improvement<br>Improvement   | Location Source:<br>Location Method:  |   |                    |                          |                                    |
| Location Sou<br>Improvement<br>Improvement<br>Source Revis   | Location Source:<br>Location Method:<br>ion Comment:  |   |                    |                          |                                    |
| Location Sou<br>Improvement<br>Improvement<br>Source Revis   | Location Source:<br>Location Method:<br>ion Comment:  |   |                    |                          |                                    |
| Location Sou<br>Improvement<br>Improvement<br>Source Revis   | Location Source:<br>Location Method:<br>ion Comment:  |   |                    |                          |                                    |
| Location Sou<br>Improvement<br>Improvement<br>Source Revis<br>Supplier Com   | Location Source:<br>Location Method:<br>ion Comment:<br>ment:   |   |                    |                          |                                    |
| Location Sou<br>Improvement<br>Improvement<br>Source Revis<br>Supplier Com<br>Overburden a   | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br>nd Bedrock   |   |                    |                          |                                    |
| Location Sou<br>Improvement<br>Improvement<br>Source Revis<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u>   | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>nd Bedrock</u><br><u>rval</u>   | 004040500   |                    |                          |                                    |
| Location Sou<br>Improvement<br>Improvement<br>Source Revis<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:  | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>nd Bedrock</u><br><u>rval</u>   | 931018520   |                    |                          |                                    |
| Location Sou<br>Improvement<br>Improvement<br>Source Revis<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:  | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>nd Bedrock</u><br><u>rval</u>   | 2   |                    |                          |                                    |
| Location Sou<br>Improvement<br>Improvement<br>Source Revis<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:  | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>nd Bedrock</u><br><u>rval</u>   | 2<br>2  |                    |                          |                                    |
| Location Sour<br>Improvement<br>Improvement<br>Source Revise<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:  | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>nd Bedrock</u><br><u>rval</u>   | 2   |                    |                          |                                    |
| Location Sou<br>Improvement<br>Improvement<br>Source Revis<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color   | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>nd Bedrock</u><br><u>rval</u>   | 2<br>2  |                    |                          |                                    |
| Location Sour<br>Improvement<br>Improvement<br>Source Revisi<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color<br>Mat1:  | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>ment Bedrock</u><br><u>rval</u>   | 2<br>2<br>GREY  |                    |                          |                                    |
| Location Sour<br>Improvement<br>Improvement<br>Source Revisi<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color<br>Mat1:<br>Most Commo  | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>ment Bedrock</u><br><u>rval</u>   | 2<br>2<br>GREY<br>11  |                    |                          |                                    |
| Location Sour<br>Improvement<br>Improvement<br>Source Revisi<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color<br>Mat1:<br>Most Common<br>Mat2:  | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>ment Bedrock</u><br><u>rval</u>   | 2<br>2<br>GREY<br>11  |                    |                          |                                    |
| Location Soun<br>Improvement<br>Improvement<br>Source Revisi<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>Color:<br>General Color<br>Mat1:<br>Most Common<br>Mat2:<br>Mat2 Desc:  | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>ment Bedrock</u><br><u>rval</u>   | 2<br>2<br>GREY<br>11  |                    |                          |                                    |
| Location Sou<br>Improvement<br>Improvement<br>Source Revisi<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color<br>Mat1:<br>Most Common<br>Mat2:<br>Mat2 Desc:<br>Mat3:  | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>ment Bedrock</u><br><u>rval</u>   | 2<br>2<br>GREY<br>11  |                    |                          |                                    |
| Location Sou<br>Improvement<br>Improvement<br>Source Revisi<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color<br>Mat1:<br>Most Common<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:   | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br>m <u>ent Bedrock</u><br><u>rval</u>  | 2<br>2<br>GREY<br>11<br>GRAVEL  |                    |                          |                                    |
| Location Sou<br>Improvement<br>Improvement<br>Source Revis<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Colon<br>Mat1:<br>Most Common<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation To  | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>ment:</u><br><u>nd Bedrock</u><br><u>rval</u>   | 2<br>2<br>GREY<br>11<br>GRAVEL<br>85  |                    |                          |                                    |
| Location Sour<br>Improvement<br>Improvement<br>Source Revis<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Colon<br>Mat1:<br>Most Common<br>Mat2:<br>Mat2 Desc:<br>Formation To,<br>Formation En  | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>ment:</u><br><u>nd Bedrock</u><br><u>rval</u><br><br>n Material:<br>p Depth:<br>d Depth:  | 2<br>2<br>GREY<br>11<br>GRAVEL<br>85<br>93  |                    |                          |                                    |
| Location Sour<br>Improvement<br>Improvement<br>Source Revis<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Colon<br>Mat1:<br>Most Common<br>Mat2:<br>Mat2 Desc:<br>Formation To,<br>Formation En  | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>ment:</u><br><u>nd Bedrock</u><br><u>rval</u>   | 2<br>2<br>GREY<br>11<br>GRAVEL<br>85  |                    |                          |                                    |
| Location Sour<br>Improvement<br>Improvement<br>Source Revis<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Colon<br>Mat1:<br>Most Common<br>Mat2:<br>Mat2 Desc:<br>Formation To,<br>Formation En  | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br>ment:<br><u>ind Bedrock</u><br><u>rval</u><br><br>n Material:<br>n Material:<br>p Depth:<br>d Depth:<br>d Depth UOM:                                     | 2<br>2<br>GREY<br>11<br>GRAVEL<br>85<br>93  |                    |                          |                                    |
| Location Sour<br>Improvement<br>Improvement<br>Source Revisi<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color<br>Mat1:<br>Most Commol<br>Mat2:<br>Mat3 Desc:<br>Formation To<br>Formation En<br>Formation En  | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br>ment:<br><u>ind Bedrock</u><br><u>rval</u><br>r:<br>n Material:<br>p Depth:<br>d Depth:<br>d Depth UOM:<br><u>ind Bedrock</u>                            | 2<br>2<br>GREY<br>11<br>GRAVEL<br>85<br>93  |                    |                          |                                    |
| Location Soun<br>Improvement<br>Improvement<br>Source Revise<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Colon<br>Mat1:<br>Most Common<br>Mat2:<br>Mat3 Desc:<br>Formation En<br>Formation En<br>Formation En<br>Formation ID:   | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br>ment:<br><u>ind Bedrock</u><br><u>rval</u><br>r:<br>n Material:<br>p Depth:<br>d Depth:<br>d Depth:<br>d Depth UOM:<br><u>ind Bedrock</u><br><u>rval</u> | 2<br>2<br>GREY<br>11<br>GRAVEL<br>85<br>93<br>ft<br>931018519                         |                    |                          |                                    |
| Location Sou<br>Improvement<br>Improvement<br>Source Revisi<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color<br>Mat1:<br>Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation En<br>Formation En<br>Formation En<br>Formation ID:<br>Layer:   | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br>ment:<br><u>ind Bedrock</u><br><u>rval</u><br>r:<br>n Material:<br>p Depth:<br>d Depth:<br>d Depth:<br>d Depth UOM:<br><u>ind Bedrock</u><br><u>rval</u> | 2<br>2<br>GREY<br>11<br>GRAVEL<br>85<br>93<br>ft<br>931018519<br>1                    |                    |                          |                                    |
| Location Soun<br>Improvement<br>Improvement<br>Source Revisi<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color<br>Mat1:<br>Most Common<br>Mat2:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation En<br>Formation En<br>Formation En<br>Formation ID:<br>Layer:<br>Color:   | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br>ment:<br><u>md Bedrock</u><br><u>rval</u><br>r:<br>n Material:<br>p Depth:<br>d Depth:<br>d Depth:<br>d Depth UOM:<br><u>md Bedrock</u><br><u>rval</u>   | 2<br>2<br>GREY<br>11<br>GRAVEL<br>85<br>93<br>ft<br>931018519<br>1<br>3               |                    |                          |                                    |
| Location Soun<br>Improvement<br>Improvement<br>Source Revisi<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color<br>Mat1:<br>Most Common<br>Mat2: Desc:<br>Mat3 Desc:<br>Formation En<br>Formation En<br>Formation En<br>Formation ID:<br>Layer:<br>Color:<br>General Color                                    | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br>ment:<br><u>md Bedrock</u><br><u>rval</u><br>r:<br>n Material:<br>p Depth:<br>d Depth:<br>d Depth:<br>d Depth UOM:<br><u>md Bedrock</u><br><u>rval</u>   | 2<br>2<br>GREY<br>11<br>GRAVEL<br>85<br>93<br>ft<br>931018519<br>1<br>3<br>BLUE       |                    |                          |                                    |
| Location Souu<br>Improvement<br>Improvement<br>Source Revisi<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Color<br>Mat1:<br>Mat2 Desc:<br>Mat2 Desc:<br>Mat3 Desc:<br>Formation En<br>Formation En<br>Formation En<br>Formation ID:<br>Layer:<br>Color:<br>General Color                                      | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br>ment:<br><u>md Bedrock</u><br><u>rval</u><br>r:<br>n Material:<br>p Depth:<br>d Depth:<br>d Depth:<br>d Depth UOM:<br><u>md Bedrock</u><br><u>rval</u>   | 2<br>2<br>GREY<br>11<br>GRAVEL<br>85<br>93<br>ft<br>931018519<br>1<br>3<br>BLUE<br>05 |                    |                          |                                    |
| Location Soun<br>Improvement<br>Improvement<br>Source Revise<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Colon<br>Mat2 Desc:<br>Formation En<br>Formation En<br>Formation En<br>Formation En<br>Formation ID:<br>Layer:<br>Color:<br>General Colon<br>Mat1:  | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>ind Bedrock</u><br><u>rval</u><br><br>n Material:<br>d Depth:<br>d Depth:<br>d Depth UOM:<br><u>ind Bedrock</u><br><u>rval</u>                        | 2<br>2<br>GREY<br>11<br>GRAVEL<br>85<br>93<br>ft<br>931018519<br>1<br>3<br>BLUE       |                    |                          |                                    |
| Location Sour<br>Improvement<br>Improvement<br>Source Revise<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Colon<br>Mat2:<br>Mat3 Desc:<br>Formation En<br>Formation En<br>Formation En<br>Formation En<br>Formation ID:<br>Layer:<br>Color:<br>General Colon<br>Mat1:<br>Most Commod                          | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>ind Bedrock</u><br><u>rval</u><br><br>n Material:<br>d Depth:<br>d Depth:<br>d Depth UOM:<br><u>ind Bedrock</u><br><u>rval</u>                        | 2<br>2<br>GREY<br>11<br>GRAVEL<br>85<br>93<br>ft<br>931018519<br>1<br>3<br>BLUE<br>05 |                    |                          |                                    |
| Location Soun<br>Improvement<br>Improvement<br>Source Revise<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Colon<br>Mat2:<br>Mat3 Desc:<br>Formation En<br>Formation En<br>Formation En<br>Formation En<br>Formation En<br>Formation ID:<br>Layer:<br>Color:<br>General Colon<br>Mat1:<br>Most Common<br>Mat2: | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>ind Bedrock</u><br><u>rval</u><br><br>n Material:<br>d Depth:<br>d Depth:<br>d Depth UOM:<br><u>ind Bedrock</u><br><u>rval</u>                        | 2<br>2<br>GREY<br>11<br>GRAVEL<br>85<br>93<br>ft<br>931018519<br>1<br>3<br>BLUE<br>05 |                    |                          |                                    |
| Location Sour<br>Improvement<br>Improvement<br>Source Revise<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Colon<br>Mat2:<br>Mat3 Desc:<br>Formation En<br>Formation En<br>Formation En<br>Formation En<br>Formation ID:<br>Layer:<br>Color:<br>General Colon<br>Mat1:<br>Most Common<br>Mat2:<br>Mat2 Desc:   | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>ind Bedrock</u><br><u>rval</u><br><br>n Material:<br>d Depth:<br>d Depth:<br>d Depth UOM:<br><u>ind Bedrock</u><br><u>rval</u>                        | 2<br>2<br>GREY<br>11<br>GRAVEL<br>85<br>93<br>ft<br>931018519<br>1<br>3<br>BLUE<br>05 |                    |                          |                                    |
| Location Soun<br>Improvement<br>Improvement<br>Source Revise<br>Supplier Com<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID:<br>Layer:<br>Color:<br>General Colon<br>Mat2:<br>Mat3 Desc:<br>Formation En<br>Formation En<br>Formation En<br>Formation En<br>Formation En<br>Formation ID:<br>Layer:<br>Color:<br>General Colon<br>Mat1:<br>Most Common<br>Mat2: | Location Source:<br>Location Method:<br>ion Comment:<br>ment:<br><u>ind Bedrock</u><br><u>rval</u><br><br>n Material:<br>d Depth:<br>d Depth:<br>d Depth UOM:<br><u>ind Bedrock</u><br><u>rval</u>                        | 2<br>2<br>GREY<br>11<br>GRAVEL<br>85<br>93<br>ft<br>931018519<br>1<br>3<br>BLUE<br>05 |                    |                          |                                    |

DB

| Мар Кеу                     | Number of<br>Records          | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-----------------------------|-------------------------------|----------------------------|------------------|------|----|
| Formation T                 |                               | 0                          |                  |      |    |
| Formation E                 |                               | 85                         |                  |      |    |
| Formation E                 | nd Depth UOM:                 | ft                         |                  |      |    |
| <u>Method of Co<br/>Use</u> | onstruction & Well            |                            |                  |      |    |
| Method Con                  | struction ID:                 | 961511711                  |                  |      |    |
|                             | struction Code:               | 7                          |                  |      |    |
| Method Con                  | struction:<br>d Construction: | Diamond                    |                  |      |    |
|                             |                               |                            |                  |      |    |
| <u>Pipe Informa</u>         | <u>ition</u>                  |                            |                  |      |    |
| Pipe ID:                    |                               | 10582275                   |                  |      |    |
| Casing No:                  |                               | 1                          |                  |      |    |
| Comment:<br>Alt Name:       |                               |                            |                  |      |    |
| Construction                | n Record - Casing             |                            |                  |      |    |
|                             |                               | 000050070                  |                  |      |    |
| Casing ID:<br>Layer:        |                               | 930059876<br>1             |                  |      |    |
| Material:                   |                               | 2                          |                  |      |    |
| Open Hole o                 |                               | GALVANIZED                 |                  |      |    |
| Depth From:                 |                               | 02                         |                  |      |    |
| Depth To:<br>Casing Diam    | eter:                         | 93<br>2                    |                  |      |    |
| Casing Diam                 |                               | _<br>inch                  |                  |      |    |
| Casing Dept                 | h UOM:                        | ft                         |                  |      |    |
| <u>Results of W</u>         | ell Yield Testing             |                            |                  |      |    |
| Pump Test II                | D:                            | 991511711                  |                  |      |    |
| Pump Set At                 |                               |                            |                  |      |    |
| Static Level:               | fter Pumping:                 | 35<br>45                   |                  |      |    |
|                             | ed Pump Depth:                | 55                         |                  |      |    |
| Pumping Ra                  | te:                           | 8                          |                  |      |    |
| Flowing Rate                |                               | 0                          |                  |      |    |
| Levels UOM                  | ed Pump Rate:                 | 6<br>ft                    |                  |      |    |
| Rate UOM:                   |                               | GPM                        |                  |      |    |
|                             | After Test Code:              | 1                          |                  |      |    |
| Water State                 |                               | CLEAR<br>1                 |                  |      |    |
| Pumping Tea<br>Pumping Du   |                               | 2                          |                  |      |    |
| Pumping Du                  |                               | 0                          |                  |      |    |
| Flowing:                    |                               | No                         |                  |      |    |
| Draw Down                   | & Recovery                    |                            |                  |      |    |
| Pump Test D                 | Detail ID:                    | 934645038                  |                  |      |    |
| Test Type:                  |                               | Draw Down                  |                  |      |    |
| Test Duratio                | n:                            | 45                         |                  |      |    |
| Test Level:<br>Test Level U | ом·                           | 45<br>ft                   |                  |      |    |
| iest Level U                | <b>U</b> m.                   | 11                         |                  |      |    |
| Draw Down                   | & Recovery                    |                            |                  |      |    |
| Pump Test D                 | etail ID:                     | 934382904                  |                  |      |    |
|                             |                               |                            |                  |      |    |

| Мар Кеу   | Number<br>Records  |          | Direction/<br>Distance (m) | Elev/Diff<br>(m)  | Site  |  | DB   |
|---|--|----------|----------------------------|-------------------|---|--|------|
| Test Type:  |  |          | Draw Down                  |                   |   |  |      |
| Test Duration   | :  |          | 30                         |                   |   |  |      |
| Test Level:   |  |          | 45                         |                   |   |  |      |
| Test Level UO   | DM:  |          | ft                         |                   |   |  |      |
| Draw Down &   | Recovery   |          |                            |                   |   |  |      |
| Pump Test De  | etail ID:  |          | 934098362                  |                   |   |  |      |
| Test Type:  |  |          | Draw Down                  |                   |   |  |      |
| Test Duration:<br>Test Level:   | :  |          | 15<br>45                   |                   |   |  |      |
| Test Level:<br>Test Level UO  | N##  |          | ft                         |                   |   |  |      |
| Test Level 00   | ////.  |          | n                          |                   |   |  |      |
| Draw Down &   | <u>Recovery</u>  |          |                            |                   |   |  |      |
| Pump Test De  | etail ID:  |          | 934901956                  |                   |   |  |      |
| Test Type:  |  |          | Draw Down                  |                   |   |  |      |
| Test Duration:<br>Test Level:   |  |          | 60<br>45                   |                   |   |  |      |
| Test Level UO   | DM:  |          | ft                         |                   |   |  |      |
| <u>Water Details</u>  |  |          |                            |                   |   |  |      |
| Water ID:   |  |          | 933466945                  |                   |   |  |      |
| Layer:  |  |          | 1                          |                   |   |  |      |
| Kind Code:  |  |          | 1                          |                   |   |  |      |
| Kind:   |  |          | FRESH                      |                   |   |  |      |
| Water Found I<br>Water Found I  |  | 1:       | 93<br>ft                   |                   |   |  |      |
| <u>36</u>   | 1 of 1   |          | NE/93.9                    | 80.9 / 0.00       | lot 5 con 3   |  | wwis |
|   |  |          |                            |                   | ON  |  |      |
| Well ID:  | <b>-</b> /   | 1511692  |                            |                   | Data Entry Status:  |  |      |
| Construction  |  | Domestic |                            |                   | Data Src:<br>Date Received:   | 1<br>4/7/1972  |      |
| Primary Water<br>Sec. Water Us  |  | 0        | ,                          |                   | Selected Flag:  | 4///19/2<br>Yes  |      |
| Final Well Sta  |  | Water Su | vlaa                       |                   | Abandonment Rec:  | 103  |      |
| Water Type:   |  |          | PP-)                       |                   | Contractor:   | 1504   |      |
| Casing Materi   | ial:   |          |                            |                   |   |  |      |
| Audit No:   |  |          |                            |                   | Form Version:   | 1  |      |
|   |  |          |                            |                   | Form Version:<br>Owner:   | 1  |      |
| •   |  |          |                            |                   | Owner:<br>Street Name:  |  |      |
| Construction  |  |          |                            |                   | Owner:<br>Street Name:<br>County:   | ΟΤΤΑΨΑ   |      |
| Construction<br>Elevation (m):  |  |          |                            |                   | Owner:<br>Street Name:<br>County:<br>Municipality:  |  |      |
| Construction<br>Elevation (m):<br>Elevation Reli  | ability:   |          |                            |                   | Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:  | OTTAWA<br>GLOUCESTER TOWNSHIP  |      |
| Construction<br>Elevation (m):<br>Elevation Reli<br>Depth to Bedr   | ability:   |          |                            |                   | Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:  | OTTAWA<br>GLOUCESTER TOWNSHIP<br>005   |      |
| Construction<br>Elevation (m):<br>Elevation Reli<br>Depth to Bedr<br>Well Depth:  | ability:<br>rock:  |          |                            |                   | Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:  | OTTAWA<br>GLOUCESTER TOWNSHIP  |      |
| Construction (<br>Elevation (m):<br>Elevation Reli<br>Depth to Bedr<br>Well Depth:<br>Overburden/B  | ability:<br>rock:  |          |                            |                   | Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession Name:   | OTTAWA<br>GLOUCESTER TOWNSHIP<br>005<br>03   |      |
| Construction<br>Elevation (m):<br>Elevation Reli<br>Depth to Bedr<br>Well Depth:<br>Overburden/B<br>Pump Rate:  | ability:<br>rock:<br>Bedrock:                              |          |                            |                   | Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:   | OTTAWA<br>GLOUCESTER TOWNSHIP<br>005<br>03   |      |
| Construction<br>Elevation (m):<br>Elevation Reli<br>Depth to Bedr<br>Well Depth:<br>Overburden/B<br>Pump Rate:<br>Static Water L<br>Flowing (Y/N):  | iability:<br>rock:<br>Bedrock:<br>.evel:                   |          |                            |                   | Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:                     | OTTAWA<br>GLOUCESTER TOWNSHIP<br>005<br>03   |      |
| Construction<br>Elevation (m):<br>Elevation Reli<br>Depth to Bedr<br>Well Depth:<br>Overburden/B<br>Pump Rate:<br>Static Water L<br>Flowing (Y/N):<br>Flow Rate:  | iability:<br>rock:<br>Bedrock:<br>.evel:<br>:              |          |                            |                   | Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:                              | OTTAWA<br>GLOUCESTER TOWNSHIP<br>005<br>03   |      |
| Construction<br>Elevation (m):<br>Elevation Reli<br>Depth to Bedr<br>Well Depth:<br>Overburden/B<br>Pump Rate:<br>Static Water L<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:   | iability:<br>rock:<br>Bedrock:<br>.evel:<br>:              |          | https://d2khazk8e83        | rdv.cloudfront.ne | Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | OTTAWA<br>GLOUCESTER TOWNSHIP<br>005<br>03   |      |
| Construction<br>Elevation (m):<br>Elevation Reli<br>Depth to Bedr<br>Well Depth:<br>Overburden/B<br>Pump Rate:<br>Static Water L<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map   | ability:<br>rock:<br>Bedrock:<br>.evel:<br>:<br>p):        |          | https://d2khazk8e83        | rdv.cloudfront.ne | Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | OTTAWA<br>GLOUCESTER TOWNSHIP<br>005<br>03<br>OF                                       |      |
| Construction<br>Elevation (m):<br>Elevation Reli<br>Depth to Bedr<br>Well Depth:<br>Overburden/B<br>Pump Rate:<br>Static Water L<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map<br>Bore Hole Info   | ability:<br>rock:<br>Bedrock:<br>.evel:<br>:<br>p):<br>p): | 10033686 |                            | rdv.cloudfront.ne | Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | OTTAWA<br>GLOUCESTER TOWNSHIP<br>005<br>03<br>OF                                       |      |
| Construction (<br>Elevation (m):<br>Elevation Reli<br>Depth to Bedr<br>Well Depth:<br>Overburden/B<br>Pump Rate:<br>Static Water L<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map<br>Bore Hole Info<br>Bore Hole ID:                                  | ability:<br>rock:<br>Bedrock:<br>.evel:<br>:<br>p):<br>p): | 10033686 |                            | rdv.cloudfront.ne | Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | OTTAWA<br>GLOUCESTER TOWNSHIP<br>005<br>03<br>OF<br>/2Water/Wells_pdfs/151\1511692.pdf |      |
| Tag:<br>Construction (m):<br>Elevation Reli<br>Depth to Bedr<br>Well Depth:<br>Overburden/B<br>Pump Rate:<br>Static Water L<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map<br>Bore Hole Info<br>Bore Hole ID:<br>DP2BR:<br>Spatial Status<br>Code OB: | ability:<br>rock:<br>Bedrock:<br>.evel:<br>:<br>p):<br>p): | 10033686 |                            | rdv.cloudfront.ne | Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | OTTAWA<br>GLOUCESTER TOWNSHIP<br>005<br>03<br>OF<br>/2Water/Wells_pdfs/151\1511692.pdf |      |

| Мар Кеу   | Number of<br>Records      | Direction/<br>Distance (m)                | Elev/Diff<br>(m) | Site   |  | DE |
|---|---------------------------|---|------------------|--|--|----|
| Code OB Desc<br>Open Hole:<br>Cluster Kind:<br>Date Complete<br>Remarks:<br>Elevrc Desc:<br>Location Sour | ed: 7/25/19               |   |                  | North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:<br>Location Method: | 5031232<br>4<br>margin of error : 30 m - 100 m<br>p4 |    |
|   |                           |   |                  |  |  |    |
| <u>Overburden an</u><br>Materials Inter   |                           |   |                  |  |  |    |
| Formation ID:<br>Layer:<br>Color:<br>General Color.<br>Mat1:<br>Most Commor.<br>Mat2:                     |                           | 931018477<br>2<br>GREY<br>11<br>GRAVEL    |                  |  |  |    |
| Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top<br>Formation End<br>Formation End                      | d Depth:                  | 90<br>101<br>ft                           |                  |  |  |    |
| <u>Overburden ar</u><br>Materials Inter   |                           |   |                  |  |  |    |
| Formation ID:<br>Layer:<br>Color:<br>General Color.<br>Mat1:<br>Most Common<br>Mat2:<br>Mat2 Desc:        |                           | 931018476<br>1<br>3<br>BLUE<br>05<br>CLAY |                  |  |  |    |
| <i>Mat3:<br/>Mat3 Desc:<br/>Formation Top<br/>Formation End<br/>Formation End</i>                         | d Depth:                  | 0<br>90<br>ft                             |                  |  |  |    |
| <u>Method of Cor</u><br><u>Use</u>  | nstruction & Well         |   |                  |  |  |    |
| Method Const<br>Method Const<br>Method Const<br>Other Method  | ruction Code:<br>ruction: | 961511692<br>7<br>Diamond                 |                  |  |  |    |
| Pipe Informati  | on                        |   |                  |  |  |    |
| Pipe ID:<br>Casing No:<br>Comment:<br>Alt Name:   |                           | 10582256<br>1                             |                  |  |  |    |

# Construction Record - Casing

| Мар Кеу             | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------------------|----------------------|----------------------------|------------------|------|----|
| Casing ID:          |                      | 930059846                  |                  |      |    |
| Layer:              |                      | 1                          |                  |      |    |
| Material:           |                      | 2                          |                  |      |    |
| Open Hole o         | r Material:          | GALVANIZED                 |                  |      |    |
| Depth From:         |                      |                            |                  |      |    |
| Depth To:           |                      | 101                        |                  |      |    |
| Casing Diam         | eter:                | 2                          |                  |      |    |
| Casing Diam         |                      | inch                       |                  |      |    |
| Casing Dept         |                      | ft                         |                  |      |    |
| <u>Results of W</u> | ell Yield Testing    |                            |                  |      |    |
| Pump Test II        | D:                   | 991511692                  |                  |      |    |
| Pump Set At         | :                    |                            |                  |      |    |
| Static Level:       |                      | 13                         |                  |      |    |
| Final Level A       | fter Pumping:        | 35                         |                  |      |    |
|                     | ed Pump Depth:       | 50                         |                  |      |    |
| Pumping Rat         |                      | 10                         |                  |      |    |
| Flowing Rate        |                      |                            |                  |      |    |
| Recommend           | ed Pump Rate:        | 6                          |                  |      |    |
| Levels UOM:         |                      | ft                         |                  |      |    |
| Rate UOM:           |                      | GPM                        |                  |      |    |
|                     | After Test Code:     | 1                          |                  |      |    |
| Water State         |                      | CLEAR                      |                  |      |    |
| Pumping Tes         |                      | 1                          |                  |      |    |
| Pumping Du          |                      | 2                          |                  |      |    |
| Pumping Du          |                      | 0                          |                  |      |    |
| Flowing:            |                      | No                         |                  |      |    |
| <u>Draw Down a</u>  | & Recovery           |                            |                  |      |    |
| Pump Test D         | etail ID:            | 934645019                  |                  |      |    |
| Test Type:          |                      | Draw Down                  |                  |      |    |
| Test Duration       | n•                   | 45                         |                  |      |    |
| Test Level:         |                      | 35                         |                  |      |    |
| Test Level U        | ОМ:                  | ft                         |                  |      |    |
| Draw Down a         | & Recovery           |                            |                  |      |    |
| Pump Test D         | etail ID:            | 934382885                  |                  |      |    |
| Test Type:          |                      | Draw Down                  |                  |      |    |
| Test Duration       | n•                   | 30                         |                  |      |    |
| Test Level:         |                      | 35                         |                  |      |    |
| Test Level U        | ОМ:                  | ft                         |                  |      |    |
| <u>Draw Down a</u>  | & Recovery           |                            |                  |      |    |
| Pump Test D         | etail ID:            | 934901937                  |                  |      |    |
| Test Type:          |                      | Draw Down                  |                  |      |    |
| Test Duration       | n•                   | 60                         |                  |      |    |
| Test Level:         |                      | 35                         |                  |      |    |
| Test Level U        | ОМ:                  | ft                         |                  |      |    |
| Draw Down a         | & Recovery           |                            |                  |      |    |
| Pump Test D         | -                    | 934098343                  |                  |      |    |
| rumo rest D         |                      | 3.14090.14.1               |                  |      |    |

| Pump Test Detail ID: | 934098343 |
|----------------------|-----------|
| Test Type:           | Draw Down |
| Test Duration:       | 15        |
| Test Level:          | 35        |
| Test Level UOM:      | ft        |

| Map Key      | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site              | DB   |
|--------------|----------------------|----------------------------|------------------|-------------------|------|
| Water Detail | <u>s</u>             |                            |                  |                   |      |
| Water ID:    |                      | 933466926                  |                  |                   |      |
| Layer:       |                      | 1                          |                  |                   |      |
| Kind Code:   |                      | 1                          |                  |                   |      |
| Kind:        |                      | FRESH                      |                  |                   |      |
| Water Found  | d Depth:             | 101                        |                  |                   |      |
| Water Found  | d Depth UOM:         | ft                         |                  |                   |      |
| <u>37</u>    | 1 of 1               | NE/94.0                    | 80.9 / 0.00      | lot 5 con 3<br>ON | WWIS |

|              | ON                 |  |  |
|--------------|--------------------|--|--|
| 1501419      | Data Entry Status: |  |  |
|              | Data Src:          | 1  |  |
| Domestic     | Date Received:     | 9/18/1967  |  |
| 0            | Selected Flag:     | Yes  |  |
| Water Supply | Abandonment Rec:   |  |  |
|              | Contractor:        | 1504   |  |
|              | Form Version:      | 1  |  |
|              | Owner:             |  |  |
|              | Street Name:       |  |  |
|              | County:            | OTTAWA   |  |
|              | -                  | GLOUCESTER TOWNSHIP  |  |
|              | Site Info:         |  |  |
|              | Lot:               | 005  |  |
|              | Concession:        | 03   |  |
|              | Concession Name:   | OF   |  |
|              |                    |  |  |
|              | •                  |  |  |
|              | •                  |  |  |
|              |                    |  |  |
|              | c i m Rendonity.   |  |  |
|              |                    |  |  |
|              | Domestic<br>0      | Domestic Data Src:<br>Domestic Date Received:<br>0 Selected Flag:<br>Water Supply Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot: | 1501419 Data Entry Status: Data Src: |

PDF URL (Map):

 $https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/150\1501419.pdf$ 

#### Bore Hole Information

| Bore Hole ID:<br>DP2BR: | 10023462<br>90 | Elevation:<br>Elevrc: | 85.126205                       |
|-------------------------|----------------|-----------------------|---------------------------------|
| Spatial Status:         | 30             | Zone:                 | 18                              |
| Code OB:                | r              | East83:               | 459390.8                        |
| Code OB Desc:           | Bedrock        | North83:              | 5031272                         |
| Open Hole:              |                | Org CS:               |                                 |
| Cluster Kind:           |                | UTMRC:                | 5                               |
| Date Completed:         | 4/21/1967      | UTMRC Desc:           | margin of error : 100 m - 300 m |
| Remarks:                |                | Location Method:      | p5                              |
| Elevrc Desc:            |                |                       |                                 |
| Location Source Date    | 2              |                       |                                 |
| Improvement Locatio     |                |                       |                                 |
| Improvement Locatio     |                |                       |                                 |
| Source Revision Com     | iment:         |                       |                                 |

#### Overburden and Bedrock Materials Interval

Supplier Comment:

| Formation ID:         | 930991785 |
|-----------------------|-----------|
| Layer:                | 2         |
| Color:                | 3         |
| General Color:        | BLUE      |
| Mat1:                 | 05        |
| Most Common Material: | CLAY      |

| Мар Кеу                               | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------------------------------------|----------------------|----------------------------|------------------|------|----|
| Mat2:<br>Mat2 Desc:<br>Mat3:          |                      |                            |                  |      |    |
| Mat3 Desc:                            |                      |                            |                  |      |    |
| Formation To                          | p Depth:             | 6                          |                  |      |    |
| Formation En                          | nd Depth:            | 90                         |                  |      |    |
| Formation En                          | nd Depth UOM:        | ft                         |                  |      |    |
| <u>Overburden a</u><br>Materials Inte |                      |                            |                  |      |    |
| Formation ID                          | :                    | 930991786                  |                  |      |    |
| Layer:                                |                      | 3                          |                  |      |    |
| Color:                                |                      | 6                          |                  |      |    |
| General Colo<br>Mat1:                 | r:                   | BROWN<br>17                |                  |      |    |
| Most Commo                            | n Material           | SHALE                      |                  |      |    |
| Mat2:                                 |                      |                            |                  |      |    |
| Mat2 Desc:                            |                      |                            |                  |      |    |
| Mat3:                                 |                      |                            |                  |      |    |
| Mat3 Desc:                            | _                    |                            |                  |      |    |
| Formation To                          | p Depth:             | 90                         |                  |      |    |
| Formation En                          |                      | 95<br>#                    |                  |      |    |
| Formation En                          | nd Depth UOM:        | ft                         |                  |      |    |
| <u>Overburden a</u><br>Materials Inte |                      |                            |                  |      |    |
| Formation ID                          | :                    | 930991784                  |                  |      |    |
| Layer:                                |                      | 1                          |                  |      |    |
| Color:                                |                      |                            |                  |      |    |
| General Colo                          | r:                   | 00                         |                  |      |    |
| Mat1:<br>Most Commo                   | n Matariali          | 09<br>MEDIUM SAND          |                  |      |    |
| Mat2:                                 | n watena.            |                            |                  |      |    |
| Mat2 Desc:                            |                      |                            |                  |      |    |
| Mat3:                                 |                      |                            |                  |      |    |
| Mat3 Desc:                            |                      |                            |                  |      |    |
| Formation To                          | p Depth:             | 0                          |                  |      |    |
| Formation Er                          |                      | 6                          |                  |      |    |
| Formation Er                          | nd Depth UOM:        | ft                         |                  |      |    |
| <u>Method of Co</u><br><u>Use</u>     | onstruction & Well   |                            |                  |      |    |
| Method Cons                           | truction ID:         | 961501419                  |                  |      |    |
|                                       | truction Code:       | 7                          |                  |      |    |
| Method Cons                           |                      | Diamond                    |                  |      |    |
|                                       | Construction:        |                            |                  |      |    |
| <u>Pipe Informat</u>                  | <u>tion</u>          |                            |                  |      |    |
| Pipe ID:                              |                      | 10572032                   |                  |      |    |
| Casing No:                            |                      | 1                          |                  |      |    |
| Comment:                              |                      |                            |                  |      |    |
| Alt Name:                             |                      |                            |                  |      |    |
| <u>Construction</u>                   | Record - Casing      |                            |                  |      |    |
| Casing ID:                            |                      | 930039806                  |                  |      |    |
| Layer:<br>Material:                   |                      | 2                          |                  |      |    |
| Reteriol                              |                      | 4                          |                  |      |    |

| Мар Кеу                      | Number<br>Record |                   | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                          |                         | DB   |
|------------------------------|------------------|-------------------|----------------------------|------------------|-------------------------------|-------------------------|------|
| Open Hole o                  |                  |                   | OPEN HOLE                  |                  |                               |                         |      |
| Depth From:<br>Depth To:     |                  |                   | 95                         |                  |                               |                         |      |
| Casing Diam                  | eter:            |                   | 2                          |                  |                               |                         |      |
| Casing Diam                  | eter UOM:        |                   | inch                       |                  |                               |                         |      |
| Casing Dept                  | h UOM:           |                   | ft                         |                  |                               |                         |      |
| <u>Construction</u>          | n Record - (     | Casing            |                            |                  |                               |                         |      |
| Casing ID:                   |                  |                   | 930039805                  |                  |                               |                         |      |
| Layer:                       |                  |                   | 1                          |                  |                               |                         |      |
| Material:                    |                  |                   | 1                          |                  |                               |                         |      |
| Open Hole o<br>Depth From:   |                  |                   | STEEL                      |                  |                               |                         |      |
| Depth To:                    |                  |                   | 92                         |                  |                               |                         |      |
| Casing Diam                  | eter:            |                   | 2                          |                  |                               |                         |      |
| Casing Diam                  | eter UOM:        |                   | inch                       |                  |                               |                         |      |
| Casing Dept                  | h UOM:           |                   | ft                         |                  |                               |                         |      |
| <u>Results of W</u>          | ell Yield Te     | <u>sting</u>      |                            |                  |                               |                         |      |
| Pump Test II                 | D:               |                   | 991501419                  |                  |                               |                         |      |
| Pump Set At                  | :                |                   |                            |                  |                               |                         |      |
| Static Level:                |                  |                   | 30                         |                  |                               |                         |      |
| Final Level A                |                  |                   | 50                         |                  |                               |                         |      |
| Recommend<br>Pumping Ra      |                  | eptn:             | 60<br>8                    |                  |                               |                         |      |
| Flowing Rate                 |                  |                   | 0                          |                  |                               |                         |      |
| Recommend                    |                  | ate:              | 6                          |                  |                               |                         |      |
| Levels UOM:                  |                  |                   | ft                         |                  |                               |                         |      |
| Rate UOM:                    |                  |                   | GPM                        |                  |                               |                         |      |
| Water State                  |                  | code:             | 1                          |                  |                               |                         |      |
| Water State A<br>Pumping Tes |                  |                   | CLEAR<br>1                 |                  |                               |                         |      |
| Pumping Du                   |                  |                   | 2                          |                  |                               |                         |      |
| Pumping Du                   |                  |                   | 0                          |                  |                               |                         |      |
| Flowing:                     |                  |                   | No                         |                  |                               |                         |      |
| Water Details                | <u>S</u>         |                   |                            |                  |                               |                         |      |
| Water ID:                    |                  |                   | 933454126                  |                  |                               |                         |      |
| Layer:                       |                  |                   | 1                          |                  |                               |                         |      |
| Kind Code:                   |                  |                   | 1                          |                  |                               |                         |      |
| Kind:                        |                  |                   | FRESH                      |                  |                               |                         |      |
| Water Found<br>Water Found   |                  | И:                | 95<br>ft                   |                  |                               |                         |      |
| 38                           | 1 of 1           |                   | NE/94.0                    | 80.9 / 0.00      |                               |                         | BORE |
|                              |                  | <b>a</b> 4 = 1    |                            |                  | ON                            |                         | DONL |
| Borehole ID:<br>OGF ID:      |                  | 615118<br>2155160 | 160                        |                  | Inclin FLG:<br>SP Status:     | No<br>Initial Entry     |      |
| Status:                      |                  | 2100100           | 000                        |                  | SP Status:<br>Surv Elev:      | No                      |      |
| Type:                        |                  | Borehole          | e                          |                  | Piezometer:                   | No                      |      |
| Use:                         |                  |                   |                            |                  | Primary Name:                 |                         |      |
| Completion                   |                  | APR-19            | 67                         |                  | Municipality:                 |                         |      |
| Static Water                 |                  |                   |                            |                  | Lot:                          |                         |      |
| Primary Water                |                  |                   |                            |                  | Township:                     | 15 122702               |      |
| Sec. Water U<br>Total Depth  |                  | 29                |                            |                  | Latitude DD:<br>Longitude DD: | 45.433793<br>-75.519178 |      |
| Depth Ref:                   |                  | Ground            | Surface                    |                  | UTM Zone:                     | 18                      |      |
| Depth Elev:                  |                  |                   |                            |                  | Easting:                      | 459391                  |      |
| -                            |                  |                   |                            |                  | -                             |                         |      |

|  | Number<br>Records   |  | Direction/<br>Distance (m)  | Elev/Diff<br>(m)                       | Site   | Ľ  |
|--|---|--|---|--|--|--|
| Drill Method:  |   |  |   |  | Northing:  | 5031272  |
| Orig Ground I  |   | 83.8   |   |  | Location Accuracy:   |  |
| Elev Reliabil I  |   | 85.1   |   |  | Accuracy:  | Not Applicable   |
| DEM Ground<br>Concession:  | Elev m:   | 1.60   |   |  |  |  |
| Location D:  |   |  |   |  |  |  |
| Survey D:  |   |  |   |  |  |  |
| Comments:  |   |  |   |  |  |  |
| Borehole Geo   | ology Strati  | <u>um</u>  |   |  |  |  |
| Geology Strat  | tum ID:   | 21840050   | 1   |  | Mat Consistency:   |  |
| Top Depth:   |   | 0  |   |  | Material Moisture:   |  |
| Bottom Depth   | h:  | 1.8  |   |  | Material Texture:  |  |
| Material Color   | r:  |  |   |  | Non Geo Mat Type:  |  |
| Material 1:  |   | Sand   |   |  | Geologic Formation:  |  |
| Material 2:  |   |  |   |  | Geologic Group:  |  |
| Material 3:  |   |  |   |  | Geologic Period:   |  |
| Material 4:  | Deseriation   |  |   |  | Depositional Gen:  |  |
| Gsc Material I<br>Stratum Desc   | •   |  | SAND.   |  |  |  |
| Geology Strat  | tum ID:   | 21840050   | 3   |  | Mat Consistency:   | Dense  |
| Top Depth:   |   | 27.4   |   |  | Material Moisture:   |  |
| Bottom Depth   | h:  | 29   |   |  | Material Texture:  |  |
| Material Color   | r:  | Brown  |   |  | Non Geo Mat Type:  |  |
| Material 1:  |   | Shale  |   |  | Geologic Formation:  |  |
| Material 2:  |   |  |   |  | Geologic Group:  |  |
| Material 3:<br>Material 4:   |   |  |   |  | Geologic Period:<br>Depositional Gen:  |  |
|  |   |  |   |  | Depositional Gen.  |  |
| Gsc Material I<br>Stratum Desc   | •   |  | SHALE. BROWN. 00  | 0095ED.CLAY. GI                        |  | REY,STIFF. SILT. DENSE TO VERY DENSE.  |
| Stratum Desc   | ription:  |  |   | 0095ED.CLAY. GI                        | REY,FIRM,STIFF. SILT. GI   | REY,STIFF. SILT. DENSE TO VERY DENSE.  |
| Stratum Desc<br>Geology Strat  | ription:  | 21840050   |   | 0095ED.CLAY. GI                        |  | REY,STIFF. SILT. DENSE TO VERY DENSE.  |
| Stratum Desc<br>Geology Strat<br>Top Depth:  | tum ID:   |  |   | 0095ED.CLAY. GI                        | REY,FIRM,STIFF. SILT. GI<br><i>Mat Consistency:</i>  | REY,STIFF. SILT. DENSE TO VERY DENSE.  |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth  | tum ID:   | 21840050<br>1.8  |   | 0095ED.CLAY. GF                        | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:   | REY,STIFF. SILT. DENSE TO VERY DENSE.  |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Color  | tum ID:   | 21840050<br>1.8<br>27.4  |   | 0095ED.CLAY. GF                        | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:  | REY,STIFF. SILT. DENSE TO VERY DENSE.  |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Colol<br>Material 1:   | tum ID:   | 21840050<br>1.8<br>27.4<br>Blue  |   | 0095ED.CLAY. GF                        | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:   | REY,STIFF. SILT. DENSE TO VERY DENSE.  |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Colou<br>Material 1:<br>Material 2:  | tum ID:   | 21840050<br>1.8<br>27.4<br>Blue  |   | 0095ED.CLAY. GF                        | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:   | REY,STIFF. SILT. DENSE TO VERY DENSE.  |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Colou<br>Material Colou<br>Material 2:<br>Material 2:<br>Material 3:   | ription:<br>tum ID:<br>h:<br>r:   | 21840050<br>1.8<br>27.4<br>Blue<br>Clay  |   | 0095ED.CLAY. GF                        | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:   | REY,STIFF. SILT. DENSE TO VERY DENSE.  |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Colol<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material 1  | ription:<br>tum ID:<br>h:<br>r:<br>Description                            | 21840050<br>1.8<br>27.4<br>Blue<br>Clay  | 2   | 0095ED.CLAY. GF                        | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:   | REY,STIFF. SILT. DENSE TO VERY DENSE.  |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Colol<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material 1  | ription:<br>tum ID:<br>h:<br>r:<br>Description                            | 21840050<br>1.8<br>27.4<br>Blue<br>Clay  |   | 0095ED.CLAY. GF                        | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:   | REY,STIFF. SILT. DENSE TO VERY DENSE.  |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Colou<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 3:<br>Material 4:<br>Gsc Material I<br>Stratum Desc   | ription:<br>tum ID:<br>h:<br>r:<br>Description                            | 21840050<br>1.8<br>27.4<br>Blue<br>Clay  | 2   | 0095ED.CLAY. GF                        | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:   | REY,STIFF. SILT. DENSE TO VERY DENSE.  |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Color<br>Material 1:<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material I<br>Stratum Desc<br><u>Source</u><br>Source Type:  | ription:<br>tum ID:<br>n:<br>r:<br>Description<br>ription:                | 21840050.<br>1.8<br>27.4<br>Blue<br>Clay<br>7:<br>Data Surv  | 2<br>CLAY. BLUE.<br>ey  | 0095ED.CLAY. G                         | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Source Appl:  | Spatial/Tabular  |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Color<br>Material 1:<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material 1<br>Stratum Desc<br>Source<br>Source Type:<br>Source Orig:   | ription:<br>tum ID:<br>h:<br>r:<br>Description<br>ription:                | 21840050.<br>1.8<br>27.4<br>Blue<br>Clay<br><b>n:</b><br>Data Surv<br>Geologica                        | 2<br>CLAY. BLUE.<br>ey<br>I Survey of Canada  | 0095ED.CLAY. G                         | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Source Appl:<br>Source Iden:  | Spatial/Tabular<br>1   |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Color<br>Material 1:<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material 1<br>Stratum Desc<br><u>Source</u><br>Source Type:<br>Source Orig:<br>Source Date:  | ription:<br>tum ID:<br>h:<br>r:<br>Description<br>ription:                | 21840050.<br>1.8<br>27.4<br>Blue<br>Clay<br>7:<br>Data Surv  | 2<br>CLAY. BLUE.<br>ey<br>I Survey of Canada  | 0095ED.CLAY. GF                        | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Source Appl:<br>Source Iden:<br>Scale or Res:   | Spatial/Tabular<br>1<br>Varies   |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Color<br>Material 1:<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material 1<br>Stratum Desc<br>Source<br>Source Type:<br>Source Type:<br>Source Date:<br>Confidence:  | ription:<br>tum ID:<br>h:<br>r:<br>Description<br>ription:                | 21840050.<br>1.8<br>27.4<br>Blue<br>Clay<br><b>n:</b><br>Data Surv<br>Geologica                        | 2<br>CLAY. BLUE.<br>ey<br>I Survey of Canada  | 0095ED.CLAY. G                         | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Source Appl:<br>Source Iden:<br>Scale or Res:<br>Horizontal:  | Spatial/Tabular<br>1<br>Varies<br>NAD27  |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Color<br>Material 2:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material 1<br>Stratum Desc<br>Source<br>Source Type:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:  | ription:<br>tum ID:<br>h:<br>r:<br>Description<br>ription:                | 21840050<br>1.8<br>27.4<br>Blue<br>Clay<br><b>n:</b><br>Data Surv<br>Geologica<br>1956-1972            | 2<br>CLAY. BLUE.<br>ey<br>Il Survey of Canada<br>2  |  | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Source Appl:<br>Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:   | Spatial/Tabular<br>1<br>Varies   |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Color<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material 1<br>Stratum Desc<br>Source<br>Source Type:<br>Source Type:<br>Source Date:<br>Confidence:<br>Observatio:<br>Source Name   | ription:<br>tum ID:<br>h:<br>r:<br>Description:<br>ription:               | 21840050<br>1.8<br>27.4<br>Blue<br>Clay<br>Clay<br>Data Surv<br>Geologica<br>1956-1972                 | 2<br>CLAY. BLUE.<br>ey<br>Il Survey of Canada<br>2<br>Urban Geology Auto                        | mated Informatior                      | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Source Appl:<br>Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)   | Spatial/Tabular<br>1<br>Varies<br>NAD27  |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Colou<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material 1<br>Stratum Desc<br>Source Type:<br>Source Type:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:<br>Source Name<br>Source Detail  | ription:<br>tum ID:<br>h:<br>r:<br>Description:<br>ription:               | 21840050<br>1.8<br>27.4<br>Blue<br>Clay<br>Clay<br>Data Surv<br>Geologica<br>1956-1972                 | 2<br>CLAY. BLUE.<br>ey<br>Il Survey of Canada<br>2  | mated Informatior                      | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Source Appl:<br>Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)   | Spatial/Tabular<br>1<br>Varies<br>NAD27  |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Colou<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material 1<br>Stratum Desc<br>Source Type:<br>Source Orig:<br>Source Orig:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:<br>Source Name<br>Source Detail<br>Confiden 1:   | ription:<br>tum ID:<br>h:<br>r:<br>Description:<br>ription:               | 21840050<br>1.8<br>27.4<br>Blue<br>Clay<br>Clay<br>Data Surv<br>Geologica<br>1956-1972                 | 2<br>CLAY. BLUE.<br>ey<br>Il Survey of Canada<br>2<br>Urban Geology Auto                        | mated Informatior                      | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Source Appl:<br>Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)   | Spatial/Tabular<br>1<br>Varies<br>NAD27  |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Color<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material 1<br>Stratum Desc<br>Source Type:<br>Source Orig:<br>Source Orig:<br>Source Orig:<br>Source Orig:<br>Source Date:<br>Confidence:<br>Observatio:<br>Source Name<br>Source Name<br>Source Detail<br>Confiden 1:<br>Source List   | ription:<br>tum ID:<br>h:<br>r:<br>Description<br>ription:                | 21840050<br>1.8<br>27.4<br>Blue<br>Clay<br>Clay<br>Data Surv<br>Geologica<br>1956-1972                 | 2<br>CLAY. BLUE.<br>ey<br>Il Survey of Canada<br>2<br>Urban Geology Auto                        | mated Informatior                      | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Source Appl:<br>Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)   | Spatial/Tabular<br>1<br>Varies<br>NAD27  |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Color<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material 1<br>Stratum Desc<br>Source<br>Source Type:<br>Source Orig:<br>Source Orig:<br>Source Orig:<br>Source Orig:<br>Source Orig:<br>Source Name<br>Source Name<br>Source Name<br>Source Detail<br>Confiden 1:<br>Source List<br>Source Identii                                    | ription:<br>tum ID:<br>h:<br>r:<br>Description<br>ription:                | 21840050<br>1.8<br>27.4<br>Blue<br>Clay<br>7:<br>Data Surv<br>Geologica<br>1956-1972                   | 2<br>CLAY. BLUE.<br>I Survey of Canada<br>2<br>Urban Geology Auto<br>File: OTTAWA2.txt F        | mated Informatior                      | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Source Appl:<br>Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)   | Spatial/Tabular<br>1<br>Varies<br>NAD27<br>Mean Average Sea Level                                    |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Color<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material 1<br>Stratum Desc<br>Source Type:<br>Source Orig:<br>Source Orig:<br>Source Orig:<br>Source Orig:<br>Source Orig:<br>Source Orig:<br>Source Name<br>Source Name<br>Source Name<br>Source Detail<br>Confiden 1:<br>Source List<br>Source Identii<br>Source Identii            | ription:<br>tum ID:<br>h:<br>r:<br>Description<br>ription:                | 21840050<br>1.8<br>27.4<br>Blue<br>Clay<br>7:<br>Data Surv<br>Geologica<br>1956-1972                   | 2<br>CLAY. BLUE.<br>ey<br>Il Survey of Canada<br>2<br>Urban Geology Auto<br>File: OTTAWA2.txt F | mated Informatior                      | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Source Appl:<br>Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)<br>ITS_Sheet:   | Spatial/Tabular<br>1<br>Varies<br>NAD27<br>Mean Average Sea Level                                    |
|  | ription:<br>tum ID:<br>h:<br>r:<br>Description<br>ription:                | 21840050<br>1.8<br>27.4<br>Blue<br>Clay<br>n:<br>Data Surv<br>Geologica<br>1956-1972<br>1<br>Data Surv | 2<br>CLAY. BLUE.<br>ey<br>Il Survey of Canada<br>2<br>Urban Geology Auto<br>File: OTTAWA2.txt F | mated Informatior                      | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Source Appl:<br>Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)<br>ITS_Sheet:<br>Horizontal Datum:<br>Vertical Datum:                     | Spatial/Tabular<br>1<br>Varies<br>NAD27<br>Mean Average Sea Level<br>NAD27<br>Mean Average Sea Level |
| Stratum Desc<br>Geology Strat<br>Top Depth:<br>Bottom Depth<br>Material Color<br>Material 1:<br>Material 2:<br>Material 3:<br>Material 4:<br>Gsc Material 1<br>Stratum Desc<br>Source<br>Source Type:<br>Source Orig:<br>Source Orig:<br>Source Orig:<br>Source Orig:<br>Source Orig:<br>Source Orig:<br>Source Name<br>Source Name<br>Source Detail<br>Confidence:<br>Source List<br>Source Identii<br>Source Identii<br>Source Date: | ription:<br>tum ID:<br>n:<br>r:<br>Description:<br>cription:<br>s:<br>ls: | 21840050<br>1.8<br>27.4<br>Blue<br>Clay<br>n:<br>Data Surv<br>Geologica<br>1956-1972<br>Varies         | 2<br>CLAY. BLUE.<br>ey<br>Il Survey of Canada<br>2<br>Urban Geology Auto<br>File: OTTAWA2.txt F | mated Information<br>RecordID: 07626 N | REY,FIRM,STIFF. SILT. GI<br>Mat Consistency:<br>Material Moisture:<br>Material Texture:<br>Non Geo Mat Type:<br>Geologic Formation:<br>Geologic Group:<br>Geologic Period:<br>Depositional Gen:<br>Source Appl:<br>Source Iden:<br>Scale or Res:<br>Horizontal:<br>Verticalda:<br>System (UGAIS)<br>ITS_Sheet:<br>Horizontal Datum:<br>Vertical Datum:<br>Projection Name: | Spatial/Tabular<br>1<br>Varies<br>NAD27<br>Mean Average Sea Level<br>NAD27<br>Mean Average Sea Level |

| 39 1 of<br>Well ID:<br>Construction Da<br>Primary Water U<br>Sec. Water Use:<br>Final Well Status<br>Vater Type:<br>Casing Material:<br>Audit No:<br>Fag:<br>Construction Me<br>Elevation (m):<br>Elevation (m):<br>Elevation Reliab<br>Depth to Bedroc<br>Vell Depth:<br>Diverburden/Bed<br>Pump Rate:<br>Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):<br>Bore Hole Inform   | ate:<br>Jse:<br>:s: /<br>:<br>:<br>ethod:<br>bility:<br>ck:<br>drock:           | <b>ENE/94.5</b><br>1536849<br>Abandoned-Other<br>248688 |          | 80.9 / 0.00     | 2723 PAGE ROAD to<br>ORLEANS ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot: | 2723 PAGE ROAD<br>OTTAWA<br>GLOUCESTER TOWNSHIP                            | WWIS |
|--|---|---|----------|-----------------|--|--|------|
| Construction Da<br>Primary Water U<br>Sec. Water Use:<br>Final Well Status<br>Vater Type:<br>Casing Material:<br>Audit No:<br>Fag:<br>Construction Me<br>Elevation (m):<br>Elevation Reliab<br>Depth to Bedroc<br>Vell Depth:<br>Dverburden/Bed<br>Pump Rate:<br>Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):   | ate:<br>Jse:<br>:s: /<br>:<br>:<br>ethod:<br>bility:<br>ck:<br>drock:           | Abandoned-Other   |          |                 | Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:  | Yes<br>Yes<br>1119<br>3<br>2723 PAGE ROAD<br>OTTAWA<br>GLOUCESTER TOWNSHIP |      |
| Primary Water U<br>Sec. Water Use:<br>Final Well Status<br>Vater Type:<br>Casing Material:<br>Audit No:<br>Fag:<br>Construction Me<br>Fag:<br>Construction Me<br>Fag:<br>Construction Me<br>Flevation Reliab<br>Depth to Bedroc<br>Vell Depth:<br>Depth to Bedroc<br>Vell Depth:<br>Depth to Bedroc<br>Vell Depth:<br>Depth to Bedroc<br>Static Water<br>Comp Rate:<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map): | Jse:<br>:s: /<br>ethod:<br>bility:<br>ck:<br>drock:                             |   |          |                 | Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:   | Yes<br>Yes<br>1119<br>3<br>2723 PAGE ROAD<br>OTTAWA<br>GLOUCESTER TOWNSHIP |      |
| Sec. Water Use:<br>Final Well Status<br>Vater Type:<br>Casing Material:<br>Audit No:<br>Fag:<br>Construction Me<br>Elevation (m):<br>Elevation Reliab<br>Depth to Bedroc<br>Vell Depth:<br>Depth to Bedroc<br>Vell Depth:<br>Depth to Bedroc<br>Vell Depth:<br>Depth to Bedroc<br>Vell Depth:<br>Depth to Bedroc<br>Vell Depth:<br>Elevation (m):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):                   | :<br> : |   |          |                 | Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:   | Yes<br>Yes<br>1119<br>3<br>2723 PAGE ROAD<br>OTTAWA<br>GLOUCESTER TOWNSHIP |      |
| Final Well Status<br>Vater Type:<br>Casing Material:<br>Casing Material:<br>Construction Me<br>Elevation (m):<br>Elevation Reliab<br>Depth to Bedroc<br>Vell Depth:<br>Dverburden/Bed<br>Pump Rate:<br>Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):   | s: /<br>:<br>ethod:<br>bility:<br>ck:<br>drock:                                 |   |          |                 | Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:   | Yes<br>1119<br>3<br>2723 PAGE ROAD<br>OTTAWA<br>GLOUCESTER TOWNSHIP        |      |
| Vater Type:<br>Casing Material:<br>Casing Material:<br>Construction Me<br>Elevation (m):<br>Elevation Reliab<br>Depth to Bedroc<br>Vell Depth:<br>Dverburden/Bed<br>Pump Rate:<br>Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):  | :<br>ethod:<br>bility:<br>ck:<br>drock:   |   |          |                 | Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:   | 1119<br>3<br>2723 PAGE ROAD<br>OTTAWA<br>GLOUCESTER TOWNSHIP               |      |
| Casing Material:<br>Audit No:<br>Fag:<br>Construction Me<br>Elevation (m):<br>Elevation Reliab<br>Depth to Bedroc<br>Vell Depth:<br>Derburden/Bed<br>Pump Rate:<br>Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):   | z<br>ethod:<br>bility:<br>ck:<br>drock:   | Z48688  |          |                 | Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:  | 3<br>2723 PAGE ROAD<br>OTTAWA<br>GLOUCESTER TOWNSHIP                       |      |
| Audit No:<br>Fag:<br>Construction Me<br>Elevation (m):<br>Elevation Reliab<br>Depth to Bedroc<br>Vell Depth:<br>Dverburden/Bed<br>Pump Rate:<br>Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):  | z<br>ethod:<br>bility:<br>ck:<br>drock:   | 248688  |          |                 | Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:   | 2723 PAGE ROAD<br>OTTAWA<br>GLOUCESTER TOWNSHIP                            |      |
| Fag:<br>Construction Me<br>Elevation (m):<br>Elevation Reliab<br>Depth to Bedroc<br>Vell Depth:<br>Dverburden/Bed<br>Pump Rate:<br>Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):   | ethod:<br>bility:<br>ck:<br>drock:  | Z48688  |          |                 | Street Name:<br>County:<br>Municipality:<br>Site Info:   | OTTAWA<br>GLOUCESTER TOWNSHIP  |      |
| Construction Me<br>Elevation (m):<br>Elevation Reliab<br>Depth to Bedroc<br>Vell Depth:<br>Dverburden/Bed<br>Dump Rate:<br>Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):   | bility:<br>ck:<br>drock:  |   |          |                 | County:<br>Municipality:<br>Site Info:   | OTTAWA<br>GLOUCESTER TOWNSHIP  |      |
| Elevation (m):<br>Elevation Reliab<br>Depth to Bedroc<br>Vell Depth:<br>Dverburden/Bed<br>Pump Rate:<br>Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):  | bility:<br>ck:<br>drock:  |   |          |                 | Municipality:<br>Site Info:  | GLOUCESTER TOWNSHIP  |      |
| Elevation Reliab<br>Depth to Bedroc<br>Vell Depth:<br>Dverburden/Bed<br>Dump Rate:<br>Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):  | ck:<br>drock:   |   |          |                 | Site Info:   |  |      |
| Depth to Bedroc<br>Vell Depth:<br>Dverburden/Bed<br>Pump Rate:<br>Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):  | ck:<br>drock:   |   |          |                 |  |  |      |
| Vell Depth:<br>Dverburden/Bed<br>Pump Rate:<br>Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):   | drock:  |   |          |                 | Lot:   | 005  |      |
| Dverburden/Bed<br>Pump Rate:<br>Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):  |   |   |          |                 |  |  |      |
| Dverburden/Bed<br>Pump Rate:<br>Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):  |   |   |          |                 | Concession:  | 03   |      |
| Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):  | vel:  |   |          |                 | Concession Name:   |  |      |
| Static Water Lev<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):  | vel:  |   |          |                 | Easting NAD83:   |  |      |
| Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):  |   |   |          |                 | Northing NAD83:  |  |      |
| Flow Rate:<br>Clear/Cloudy:<br>PDF URL (Map):  |   |   |          |                 | Zone:  |  |      |
| Clear/Cloudy:<br>PDF URL (Map):  |   |   |          |                 | UTM Reliability:   |  |      |
| ,  |   |   |          |                 |  |  |      |
| ore Hole Inform  | :   | https://d2kha   | azk8e83r | dv.cloudfront.n | et/moe_mapping/downloads   | s/2Water/Wells_pdfs/153\1536849.pdf  |      |
|  | mation  |   |          |                 |  |  |      |
| Bore Hole ID:<br>DP2BR:  |   | 1691943   |          |                 | Elevation:<br>Elevrc:  | 84.715209  |      |
| Spatial Status:  |   |   |          |                 | Zone:  | 18   |      |
| Code OB:   | ι   | l   |          |                 | East83:  | 459425   |      |
| Code OB Desc:  | ä   | all layers are unknowr                                  | n type   |                 | North83:   | 5031205  |      |
| Open Hole:   |   |   |          |                 | Org CS:  | UTM83  |      |
| Cluster Kind:  |   |   |          |                 | UTMRC:   | 3  |      |
| Date Completed   | 1:  | 0/6/2006  |          |                 | UTMRC Desc:  | margin of error : 10 - 30 m  |      |
| Remarks:   |   |   |          |                 | Location Method:   | wwr  |      |
| Elevrc Desc:   |   |   |          |                 |  |  |      |
| ocation Source   | e Date:   |   |          |                 |  |  |      |
| mprovement Lo  |   | urce:   |          |                 |  |  |      |
| mprovement Lo  |   |   |          |                 |  |  |      |
| Source Revision  |   |   |          |                 |  |  |      |
| Supplier Comme   | ent:  |   |          |                 |  |  |      |
|  |   |   |          |                 |  |  |      |
|  |   |   |          |                 |  |  |      |

933071093 Formation ID: Layer: 1 Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: 0 3.66 m

| Map Key   | Number<br>Records          |                   | Elev/Diff<br>) (m) | Site                         |           | DB   |
|---|----------------------------|-------------------|--------------------|------------------------------|-----------|------|
| <u>Annular Spac</u><br>Sealing Reco                       |                            | <u>ment</u>       |                    |                              |           |      |
| Plug ID:  |                            | 933286649         |                    |                              |           |      |
| Layer:  |                            | 4                 |                    |                              |           |      |
| Plug From:  |                            | 1.22              |                    |                              |           |      |
| Plug To:<br>Plug Depth U                                  | IOM:                       | 0<br>m            |                    |                              |           |      |
| <u>Annular Spac</u><br>Sealing Reco                       | ce/Abandoni<br>ord         | <u>ment</u>       |                    |                              |           |      |
| Plug ID:  |                            | 933286647         |                    |                              |           |      |
| Layer:  |                            | 2                 |                    |                              |           |      |
| Plug From:  |                            | 2.74              |                    |                              |           |      |
| Plug To:  |                            | 1.52              |                    |                              |           |      |
| Plug Depth U  | IOM:                       | m                 |                    |                              |           |      |
| <u>Annular Spac</u><br>Sealing Reco                       |                            | <u>ment</u>       |                    |                              |           |      |
| Plug ID:  |                            | 933286648         |                    |                              |           |      |
| Layer:  |                            | 3                 |                    |                              |           |      |
| Plug From:  |                            | 1.52              |                    |                              |           |      |
| Plug To:  |                            | 1.22              |                    |                              |           |      |
| Plug Depth U  | IOM:                       | m                 |                    |                              |           |      |
| <u>Annular Spaces Sealing Reco</u>                        |                            | <u>ment</u>       |                    |                              |           |      |
| Plug ID:  |                            | 933286646         |                    |                              |           |      |
| Layer:  |                            | 1                 |                    |                              |           |      |
| Plug From:  |                            | 3.66              |                    |                              |           |      |
| Plug To:  |                            | 2.74              |                    |                              |           |      |
| Plug Depth U  | IOM:                       | m                 |                    |                              |           |      |
| <u>Method of Co<br/>Use</u>                               | onstruction                | <u>&amp; Well</u> |                    |                              |           |      |
| Method Cons<br>Method Cons<br>Method Cons<br>Other Method | struction Co<br>struction: |                   |                    |                              |           |      |
| Pipe Informa  | <u>tion</u>                |                   |                    |                              |           |      |
| Pipe ID:<br>Casing No:<br>Comment:<br>Alt Name:           |                            | 11696809<br>1     |                    |                              |           |      |
| 40  | 1 of 1                     | NE/96.2           | 80.9 / 0.00        | lot 5 con 3                  |           |      |
| <u></u>   |                            |                   |                    | ON                           |           | WWIS |
| Well ID:  |                            | 1501411           |                    | Data Entry Status:           |           |      |
| Construction  |                            |                   |                    | Data Src:                    | 1         |      |
| Primary Wate  |                            | Domestic          |                    | Date Received:               | 8/15/1960 |      |
| Sec. Water U  |                            | 0<br>Matan Cumplu |                    | Selected Flag:               | Yes       |      |
| Final Well Sta  | atus:                      | Water Supply      |                    | Abandonment Rec:             | 1107      |      |
| Water Type:<br>Casing Mater                               | rial·                      |                   |                    | Contractor:<br>Form Version: | 1107<br>1 |      |
| Jashiy Waler  | iai.                       |                   |                    |                              |           |      |

| Map Key      | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site             |                     |  |
|--------------|----------------------|----------------------------|------------------|------------------|---------------------|--|
| Audit No:    |                      |                            |                  | Owner:           |                     |  |
| Tag:         |                      |                            |                  | Street Name:     |                     |  |
| Construction | Method:              |                            |                  | County:          | OTTAWA              |  |
| Elevation (m | ):                   |                            |                  | Municipality:    | GLOUCESTER TOWNSHIP |  |
| Elevation Re | liability:           |                            |                  | Site Info:       |                     |  |
| Depth to Bed | lrock:               |                            |                  | Lot:             | 005                 |  |
| Well Depth:  |                      |                            |                  | Concession:      | 03                  |  |
| Overburden/  | Bedrock:             |                            |                  | Concession Name: | OF                  |  |
| Pump Rate:   |                      |                            |                  | Easting NAD83:   |                     |  |
| Static Water | Level:               |                            |                  | Northing NAD83:  |                     |  |
| Flowing (Y/N | ):                   |                            |                  | Zone:            |                     |  |
| Flow Rate:   | /-                   |                            |                  | UTM Reliability: |                     |  |
| Clear/Cloudy | :                    |                            |                  | ······           |                     |  |

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/150\1501411.pdf

# Bore Hole Information

| Bore Hole ID:<br>DP2BR:  | 10023454<br>101 | Elevation:<br>Elevrc: | 85.099731                       |
|--|-----------------|-----------------------|---------------------------------|
| Spatial Status:  |                 | Zone:                 | 18                              |
| Code OB:   | r               | East83:               | 459400.8                        |
| Code OB Desc:  | Bedrock         | North83:              | 5031257                         |
| Open Hole:   |                 | Org CS:               |                                 |
| Cluster Kind:  |                 | UTMRC:                | 5                               |
| Date Completed:  | 7/19/1960       | UTMRC Desc:           | margin of error : 100 m - 300 m |
| Remarks:   |                 | Location Method:      | p5                              |
| Elevrc Desc:   |                 |                       |                                 |
| Location Source Date<br>Improvement Locatio<br>Improvement Locatio | n Source:       |                       |                                 |

<u>Overburden and Bedrock</u> <u>Materials Interval</u>

Source Revision Comment: Supplier Comment:

| Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3: | 930991768<br>2<br>3<br>BLUE<br>05<br>CLAY |
|---|---|
| Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth:  | 8<br>101                                  |
| Formation End Depth UOM:  | ft  |

#### Overburden and Bedrock Materials Interval

| Formation ID:<br>Layer:<br>Color:  | 930991767<br>1    |
|--|-------------------|
| General Color:<br>Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3: | 09<br>MEDIUM SAND |

DB

| Мар Кеу                     | Number of<br>Records       | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-----------------------------|----------------------------|----------------------------|------------------|------|----|
| Mat3 Desc:                  |                            |                            |                  |      |    |
| Formation To                |                            | 0                          |                  |      |    |
| Formation E                 | na Deptn:<br>nd Depth UOM: | 8<br>ft                    |                  |      |    |
|                             | and Bedrock                |                            |                  |      |    |
| Materials Internation       | erval                      |                            |                  |      |    |
| Formation ID                | ):                         | 930991769                  |                  |      |    |
| Layer:                      |                            | 3                          |                  |      |    |
| Color:<br>General Colo      | Nr.                        | 8<br>BLACK                 |                  |      |    |
| Mat1:                       | л.                         | 17                         |                  |      |    |
| Most Commo                  | on Material:               | SHALE                      |                  |      |    |
| Mat2:                       |                            |                            |                  |      |    |
| Mat2 Desc:                  |                            |                            |                  |      |    |
| Mat3:<br>Mat3 Desc:         |                            |                            |                  |      |    |
| Formation To                | op Depth:                  | 101                        |                  |      |    |
| Formation E                 | nd Depth:                  | 115                        |                  |      |    |
| Formation E                 | nd Depth UOM:              | ft                         |                  |      |    |
| <u>Method of Co<br/>Use</u> | onstruction & Well         |                            |                  |      |    |
| 056                         |                            |                            |                  |      |    |
| Method Cons                 |                            | 961501411                  |                  |      |    |
|                             | struction Code:            | 1<br>Cable Tool            |                  |      |    |
| Method Cons                 | d Construction:            | Cable Tool                 |                  |      |    |
|                             |                            |                            |                  |      |    |
| <u>Pipe Informa</u>         | <u>tion</u>                |                            |                  |      |    |
| Pipe ID:                    |                            | 10572024                   |                  |      |    |
| Casing No:                  |                            | 1                          |                  |      |    |
| Comment:                    |                            |                            |                  |      |    |
| Alt Name:                   |                            |                            |                  |      |    |
| <u>Constructior</u>         | n Record - Casing          |                            |                  |      |    |
| Casing ID:                  |                            | 930039793                  |                  |      |    |
| Layer:                      |                            | 2                          |                  |      |    |
| Material:<br>Open Hole o    | r Motoriali                | 4<br>OPEN HOLE             |                  |      |    |
| Depth From:                 |                            | OFEN HOLE                  |                  |      |    |
| Depth To:                   |                            | 115                        |                  |      |    |
| Casing Diam                 | eter:                      | 4                          |                  |      |    |
| Casing Diam                 | eter UOM:                  | inch                       |                  |      |    |
| Casing Dept                 | h UOM:                     | ft                         |                  |      |    |
| <u>Construction</u>         | n Record - Casing          |                            |                  |      |    |
| Casing ID:                  |                            | 930039792                  |                  |      |    |
| Layer.                      |                            | 1                          |                  |      |    |
| Material:                   | r Motoriali                | 1<br>87551                 |                  |      |    |
| Open Hole of<br>Depth From: |                            | STEEL                      |                  |      |    |
| Depth To:                   |                            | 101                        |                  |      |    |
| Casing Diam                 | eter:                      | 4                          |                  |      |    |
| Casing Diam                 | eter UOM:                  | inch                       |                  |      |    |
| Casing Dept                 | h UOM:                     | ft                         |                  |      |    |
|                             |                            |                            |                  |      |    |

| Map Key             | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site          |               | DB   |
|---------------------|----------------------|----------------------------|------------------|---------------|---------------|------|
| <u>Results of W</u> | ell Yield Testing    | 1                          |                  |               |               |      |
| Pump Test II        |                      | 991501411                  |                  |               |               |      |
| Pump Set At         |                      |                            |                  |               |               |      |
| Static Level:       |                      | 30                         |                  |               |               |      |
|                     | After Pumping:       | 33<br>: 30                 |                  |               |               |      |
|                     | ed Pump Depth        | 8                          |                  |               |               |      |
| Pumping Ra          |                      | 0                          |                  |               |               |      |
|                     | ed Pump Rate:        | 5                          |                  |               |               |      |
| Levels UOM:         | •                    | ft                         |                  |               |               |      |
| Rate UOM:           |                      | GPM                        |                  |               |               |      |
|                     | After Test Code      | -                          |                  |               |               |      |
| Water State         |                      | CLEAR                      |                  |               |               |      |
| Pumping Tes         |                      | 1                          |                  |               |               |      |
| Pumping Du          |                      | 1                          |                  |               |               |      |
| Pumping Du          |                      | 0                          |                  |               |               |      |
| Flowing:            |                      | No                         |                  |               |               |      |
| Water Detail        | e                    |                            |                  |               |               |      |
| Waler Delan         | 2                    |                            |                  |               |               |      |
| Water ID:           |                      | 933454118                  |                  |               |               |      |
| Layer:              |                      | 1                          |                  |               |               |      |
| Kind Code:          |                      | 1                          |                  |               |               |      |
| Kind:               |                      | FRESH                      |                  |               |               |      |
| Water Found         |                      | 115                        |                  |               |               |      |
| Water Found         | I Depth UOM:         | ft                         |                  |               |               |      |
| 41                  | 1 of 1               | ESE/101.7                  | 80.9 / 0.00      |               |               | 2025 |
| _                   |                      |                            |                  | ON            |               | BORE |
| Borehole ID:        | 615                  | 5091                       |                  | Inclin FLG:   | No            |      |
| OGF ID:             | 215                  | 5516033                    |                  | SP Status:    | Initial Entry |      |
| Status:             |                      |                            |                  | Surv Elev:    | No            |      |
| Type:               | Bo                   | ehole                      |                  | Piezometer:   | No            |      |
| Use:                |                      |                            |                  | Primary Name: |               |      |
| <b>Completion</b>   |                      |                            |                  | Municipality: |               |      |
| Static Water        |                      |                            |                  | Lot:          |               |      |
| Primary Wat         | er Use:              |                            |                  | Township:     |               |      |
| Sec. Water L        | lse:                 |                            |                  | Latitude DD:  | 45.431193     |      |

Longitude DD:

Location Accuracy:

UTM Zone:

Easting:

Northing:

Accuracy:

## Borehole Geology Stratum

-999

80.8

81.6

Ground Surface

Total Depth m:

Depth Ref:

Depth Elev:

Drill Method:

Concession: Location D: Survey D: Comments:

Orig Ground Elev m:

DEM Ground Elev m:

Elev Reliabil Note:

Geology Stratum ID: 218400384 Mat Consistency: Top Depth: Material Moisture: 0 Bottom Depth: 2.4 Material Texture: Material Color: Non Geo Mat Type: Material 1: Sand Geologic Formation: Material 2: Geologic Group: Material 3: Geologic Period: Material 4: Depositional Gen: Gsc Material Description:

-75.516853

18

459571

5030982

Not Applicable

| Мар Кеу                         | Numbe<br>Record   |                        | Direction/<br>Distance (m) | Elev/Diff<br>(m)  | Site   | D   |
|---------------------------------|-------------------|------------------------|----------------------------|-------------------|--|---|
| Stratum Desc                    | ription:          | 5                      | SAND.                      |                   |  |   |
| Geology Strat                   | um ID:            | 218400385              | 5                          |                   | Mat Consistency:                                       |   |
| Top Depth:                      |                   | 2.4                    |                            |                   | Material Moisture:                                     |   |
| Bottom Depth                    | :                 | 30.8                   |                            |                   | 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 L<br>Stratum Desci |                   |                        | CLAY.                      |                   |  |   |
|                                 | -                 | 24.0.400200            |                            |                   | Maria  | Firm  |
| Geology Strat                   | um ID:            | 218400386              | )                          |                   | Mat Consistency:                                       | Firm  |
| Top Depth:                      |                   | 30.8                   |                            |                   | Material Moisture:                                     |   |
| Bottom Depth                    |                   | Crow                   |                            |                   | Material Texture:                                      |   |
| Material Color                  |                   | Grey<br>Bedrock        |                            |                   | Non Geo Mat Type:                                      |   |
| Material 1:                     |                   | Shale                  |                            |                   | Geologic Formation:                                    |   |
| Material 2:                     |                   | Shale                  |                            |                   | Geologic Group:<br>Geologic Period:                    |   |
| Material 3:<br>Material 4:      |                   |                        |                            |                   | Depositional Gen:                                      |   |
| Gsc Material L                  | Doscrintio        | n.                     |                            |                   | Depositional Gen.                                      |   |
| Stratum Desc                    |                   | E                      |                            |                   | 8.9 FEET.D. CLAY. GREY,FI have a truncated [Stratum De | IRM. 00010 040 00100 067 00400 **Note: Ma<br>escription] field. |
| <u>Source</u>                   |                   |                        |                            |                   |  |   |
| Source Type:                    |                   | Data Surve             |                            |                   | Source Appl:   | Spatial/Tabular   |
| Source Orig:                    |                   |                        | Survey of Canada           | a                 | Source Iden:   | 1   |
| Source Date:                    |                   | 1956-1972              |                            |                   | Scale or Res:  | Varies  |
| Confidence:                     |                   | Μ                      |                            |                   | Horizontal:  | NAD27   |
| Observatio:                     |                   |                        |                            |                   | Verticalda:  | Mean Average Sea Level  |
| Source Name                     |                   |                        |                            |                   | on System (UGAIS)                                      |   |
| Source Details                  | s:                |                        |                            |                   | 0 NTS_Sheet: 31G05H                                    |   |
| Confiden 1:                     |                   | ŀ                      | Reliable informatio        | n but incomplete. |  |   |
| <u>Source List</u>              |                   |                        |                            |                   |  |   |
| Source Identii                  | fier <sup>.</sup> | 1                      |                            |                   | Horizontal Datum:                                      | NAD27   |
| Source Type:                    |                   | Data Surve             | 2V                         |                   | Vertical Datum:  | Mean Average Sea Level  |
| Source Date:                    |                   | 1956-1972              |                            |                   | Projection Name:                                       | Universal Transverse Mercator                                   |
| Scale or Reso                   | lution:           | Varies                 |                            |                   | i rejection numer                                      |   |
| Source Name                     |                   |                        | Jrban Geology Au           | tomated Informati | on System (UGAIS)                                      |   |
| Source Origin                   | ators:            |                        | Geological Survey          |                   |  |   |
| <u>42</u>                       | 1 of 1            |                        | ESE/103.3                  | 80.6 / -0.32      | 3097 and 3107 Navan<br>Ottawa ON K1W1E9                | Road EHS  |
| Ordor No                        |                   | 204 40747              | 001                        |                   |  |   |
| Order No:                       |                   | 201407170              |                            |                   | Nearest Intersection:                                  | Cloucester  |
| Status:<br>Poport Typo:         |                   | C<br>Custom Re         | port                       |                   | Municipality:<br>Client Prov/State:                    | Gloucester  |
| Report Type:                    |                   | Custom Re              |                            |                   |  | ON  |
| Report Date:<br>Date Received   | J.                | 23-JUL-14<br>17-JUL-14 |                            |                   | Search Radius (km):                                    | .25<br>-75.516696   |
| Previous Site                   |                   | 17-JUL-14              |                            |                   | X:<br>Y:   | 45.430775   |
| Lot/Building S                  |                   | 0.9 acres              |                            |                   | 7.   | 45.450175   |
| Additional Info                 |                   |                        |                            |                   |  |   |
| 43                              | 1 of 1            |                        | NNE/105.9                  | 80.9 / 0.00       | 2683 Page Rd   |   |
| —                               |                   |                        |                            |                   | Ottawa ON K1W1G2                                       | EHS   |
| Order No:                       |                   | 201610050              | )66                        |                   | Nearest Intersection:                                  |   |
| Status:                         |                   | C                      |                            |                   | Municipality:  | Ottawa  |
|                                 |                   |                        |                            |                   |  |   |
|                                 |                   |                        |                            | ormation Servic   |  | Order No: 2103100006  |

| Map Key         | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m)   | Site                           |                 | DB |
|-----------------|----------------------|----------------------------|--------------------|--------------------------------|-----------------|----|
| Report Type:    | Standar              | d Report                   |                    | Client Prov/State:             | ON              |    |
| Report Date:    | 13-OCT               | -16                        |                    | Search Radius (km):            | .25             |    |
| Date Received   | : 05-OCT             | -16                        |                    | X:                             | -75.519482      |    |
| Previous Site I | Name:                |                            |                    | Y:                             | 45.434444       |    |
| Lot/Building S  | ize: 1,740 m         | 12                         |                    |                                |                 |    |
| Additional Info | Ordered:             | Fire Insur. Maps and       | d/or Site Plans; 1 | Fitle Searches; City Directory | ; Aerial Photos |    |

| <u>44</u>   | 1 of 1  | SE/108.9                                 | 79.9 / -1.00 | lot 6 con 3<br>ON   |   | WWIS |
|---|---|--|--------------|---|---|------|
| Well ID:<br>Constructi<br>Primary Wa<br>Sec. Water<br>Final Well S<br>Water Type<br>Casing Mat<br>Audit No:<br>Tag:<br>Constructi<br>Elevation (<br>Elevation F<br>Depth to B | on Date:<br>ater Use:<br>Use:<br>Status:<br>a:<br>terial:<br>on Method:<br>m):<br>Reliability:<br>edrock: | 1501427<br>Domestic<br>0<br>Water Supply |              | ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot: | 1<br>9/5/1962<br>Yes<br>1504<br>1<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>006 | wwis |
| Well Depth<br>Overburde<br>Pump Rate<br>Static Wate<br>Flowing (Y,<br>Flow Rate:<br>Clear/Cloud   | n/Bedrock:<br>::<br>er Level:<br>/N):   |  |              | Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability:   | 03<br>OF  |      |

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/150\1501427.pdf

# Bore Hole Information

| Bore Hole ID:<br>DP2BR:<br>Spatial Status:<br>Code OB:<br>Code OB Desc:<br>Open Hole:<br>Cluster Kind:<br>Date Completed:<br>Remarks: | 10023470<br>90<br>r<br>Bedrock<br>8/18/1962 | Elevation:<br>Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC:<br>Location Method: | 80.364089<br>18<br>459535.8<br>5030842<br>5<br>margin of error : 100 m - 300 m<br>p5 |
|---|---|--|--|
| Location Source Date:<br>Improvement Location<br>Improvement Location<br>Source Revision Comm<br>Supplier Comment:                    | Method:                                     |  |  |

## Overburden and Bedrock Materials Interval

| Formation ID:         | 930991803 |
|-----------------------|-----------|
| Layer:                | 2         |
| Color:                | 6         |
| General Color:        | BROWN     |
| Mat1:                 | 19        |
| Most Common Material: | SLATE     |
| Mat2:                 |           |
| Mat2 Desc:            |           |
|                       |           |

| Мар Кеу                           | Number of<br>Records    | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-----------------------------------|-------------------------|----------------------------|------------------|------|----|
| <i>Mat3:</i><br><i>Mat3 Desc:</i> |                         |                            |                  |      |    |
| Formation T                       | on Donth                | 90                         |                  |      |    |
| Formation E                       | ind Depth:              | 90<br>97                   |                  |      |    |
|                                   | nd Depth UOM:           | ft                         |                  |      |    |
|                                   | na Depar Com.           | it.                        |                  |      |    |
| <u>Overburden</u>                 | and Bedrock             |                            |                  |      |    |
| Materials Int                     | erval                   |                            |                  |      |    |
| Formation IL                      | D:                      | 930991802                  |                  |      |    |
| Layer:                            |                         | 1                          |                  |      |    |
| Color:                            |                         | 3                          |                  |      |    |
| General Colo                      | or:                     | BLUE                       |                  |      |    |
| Mat1:                             |                         | 05                         |                  |      |    |
| Most Comm                         | on Material:            | CLAY                       |                  |      |    |
| Mat2:                             |                         |                            |                  |      |    |
| Mat2 Desc:                        |                         |                            |                  |      |    |
| Mat3:                             |                         |                            |                  |      |    |
| Mat3 Desc:                        | on Donth                | 0                          |                  |      |    |
| Formation T<br>Formation E        | op Depth:<br>ind Depth: | 0<br>90                    |                  |      |    |
|                                   | nd Depth UOM:           | ft                         |                  |      |    |
|                                   |                         |                            |                  |      |    |
| <u>Method of C</u><br><u>Use</u>  | onstruction & Well      |                            |                  |      |    |
| Method Con                        | struction ID:           | 961501427                  |                  |      |    |
|                                   | struction Code:         | 7                          |                  |      |    |
| Method Con                        |                         | Diamond                    |                  |      |    |
| Other Metho                       | d Construction:         |                            |                  |      |    |
| Pipe Informa                      | ation                   |                            |                  |      |    |
| Pipe ID:                          |                         | 10572040                   |                  |      |    |
| Casing No:                        |                         | 1                          |                  |      |    |
| Comment:                          |                         |                            |                  |      |    |
| Alt Name:                         |                         |                            |                  |      |    |
| <u>Construction</u>               | n Record - Casing       |                            |                  |      |    |
| Casing ID:                        |                         | 930039822                  |                  |      |    |
| Layer:                            |                         | 2                          |                  |      |    |
| Material:                         |                         | 4                          |                  |      |    |
| Open Hole o<br>Depth From:        |                         | OPEN HOLE                  |                  |      |    |
| Depth To:                         |                         | 97                         |                  |      |    |
| Casing Diam                       | notor:                  | 2                          |                  |      |    |
| Casing Diam                       | neter UOM <sup>.</sup>  | inch                       |                  |      |    |
| Casing Dept                       | h UOM:                  | ft                         |                  |      |    |
| <u>Construction</u>               | n Record - Casing       |                            |                  |      |    |
| Casing ID:                        |                         | 930039821                  |                  |      |    |
| Layer:                            |                         | 1                          |                  |      |    |
| Material:                         | <b>.</b>                | 1                          |                  |      |    |
| Open Hole o                       |                         | STEEL                      |                  |      |    |
| Depth From:                       |                         | 05                         |                  |      |    |
| Depth To:                         |                         | 95                         |                  |      |    |
| Casing Diam                       | ieter:                  | 2<br>inch                  |                  |      |    |
| Casing Diam<br>Casing Dept        |                         | inch<br>ft                 |                  |      |    |
| Gasing Den                        |                         | 11                         |                  |      |    |

Casing Diameter: Casing Diameter UOM: Casing Depth UOM:

ft

| Мар Кеу  | Number<br>Records  |                          | Direction/<br>Distance (m) | Elev/Diff<br>(m)               | Site  |  | DE   |
|--|--|--------------------------|----------------------------|--------------------------------|---|--|------|
| Results of W   | ell Yield Te   | sting                    |                            |                                |   |  |      |
| Pump Test IL   | ):   | 9                        | 91501427                   |                                |   |  |      |
| Pump Set At.   | :  |                          |                            |                                |   |  |      |
| Static Level:  |  | 1                        | 5                          |                                |   |  |      |
| Final Level A  | fter Pumpin  | <b>ig:</b> 4             | 0                          |                                |   |  |      |
| Recommend  |  | əpth: 4                  | 0                          |                                |   |  |      |
| Pumping Rat  |  | 8                        |                            |                                |   |  |      |
| Flowing Rate   |  |                          |                            |                                |   |  |      |
| Recommend  | •  |                          |                            |                                |   |  |      |
| Levels UOM:  |  | ft                       |                            |                                |   |  |      |
| Rate UOM:  |  |                          | SPM                        |                                |   |  |      |
| Water State A  |  |                          |                            |                                |   |  |      |
| Water State A  |  |                          | CLEAR                      |                                |   |  |      |
| Pumping Tes  |  | 1                        |                            |                                |   |  |      |
| Pumping Du   |  | 2                        |                            |                                |   |  |      |
| Pumping Du   | ation MIN:   | 0                        |                            |                                |   |  |      |
| Flowing:   |  | Ν                        | 10                         |                                |   |  |      |
| Water Details  | 3  |                          |                            |                                |   |  |      |
| Water ID:  |  |                          | 33454134                   |                                |   |  |      |
| Layer:   |  | 1                        |                            |                                |   |  |      |
| Kind Code:   |  | 1                        |                            |                                |   |  |      |
| Kind:  |  |                          | RESH                       |                                |   |  |      |
| Water Found  |  |                          | )7                         |                                |   |  |      |
| Water Found  | Depth UON  | <i>M:</i> ft             |                            |                                |   |  |      |
| <u>45</u>  | 1 of 1   |                          | ESE/108.9                  | 79.9/-1.00                     | 3096 Navan Rd<br>Ottawa ON K1W1E9   |  | EHS  |
| Order No:  |  | 201803150                | 01                         |                                | Nearest Intersection:   |  |      |
| Status:  |  | С                        |                            |                                | Municipality:   |  |      |
| Report Type:   |  | Standard S               | elect Report               |                                | Client Prov/State:  | ON   |      |
| Report Date:   |  | 21-MAR-18                | 3                          |                                | Search Radius (km):   | .25  |      |
| Date Receive   | ed:  | 15-MAR-18                | 3                          |                                | X:  | -75.516883   |      |
| Previous Site  | Name:  |                          |                            |                                | Y:  | 45.430195  |      |
|  | Size:  |                          |                            |                                |   |  |      |
| Lot/Building   |  |                          | ire Insur. Maps ar         | d/or Site Plans <sup>,</sup> T | itle Searches; Topographic N  | Jane: City Directory: Aprial Photos  |      |
| Lot/Building<br>Additional In  |  | F                        |                            |                                |   | Maps, City Directory, Aenal Frictos  |      |
| Additional In  | fo Ordered:  | - F                      |                            |                                |   | naps, Gity Directory, Aenai Friotos  |      |
|  |  | - F                      | SE/113.7                   | 79.9 / -1.00                   | lot 6 con 3<br>ON   | iaps, Gity Directory, Aenai Friotos  | WWIS |
| Additional In  | fo Ordered:  | F<br>1510706             |                            |                                | lot 6 con 3   |  | ŴŴĬS |
| Additional In<br><u>46</u><br>Well ID:<br>Construction   | fo Ordered:<br>1 of 1<br>1 Date:   | 1510706                  |                            |                                | lot 6 con 3<br>ON   | 1  | wwi  |
| Additional In<br><u>46</u><br>Well ID:<br>Construction   | fo Ordered:<br>1 of 1<br>1 Date:   |                          |                            |                                | lot 6 con 3<br>ON<br>Data Entry Status:   |  | ww   |
| Additional In<br><u>46</u><br>Well ID:<br>Construction<br>Primary Wate   | fo Ordered:<br>1 of 1<br>1 Date:<br>er Use:  | 1510706<br>Domestic<br>0 | SE/113.7                   |                                | lot 6 con 3<br>ON<br>Data Entry Status:<br>Data Src:  | 1  | ww   |
| Additional In<br><u>46</u><br>Well ID:<br>Construction<br>Primary Wate<br>Sec. Water U<br>Final Well Sta   | fo Ordered:<br>1 of 1<br>1 Date:<br>er Use:<br>lse:  | 1510706<br>Domestic      | SE/113.7                   |                                | lot 6 con 3<br>ON<br>Data Entry Status:<br>Data Src:<br>Date Received:  | 1<br>7/30/1970   | wwi  |
| Additional In<br><u>46</u><br>Well ID:<br>Construction<br>Primary Wate<br>Sec. Water U<br>Final Well Sta<br>Water Type:  | fo Ordered:<br>1 of 1<br>Date:<br>er Use:<br>lse:<br>lse:<br>atus:   | 1510706<br>Domestic<br>0 | SE/113.7                   |                                | lot 6 con 3<br>ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:   | 1<br>7/30/1970<br>Yes<br>1504  | ww   |
| Additional In<br><u>46</u><br>Well ID:<br>Construction<br>Primary Wate<br>Sec. Water U<br>Final Well St<br>Water Type:<br>Casing Matel   | fo Ordered:<br>1 of 1<br>Date:<br>er Use:<br>lse:<br>lse:<br>atus:   | 1510706<br>Domestic<br>0 | SE/113.7                   |                                | lot 6 con 3<br>ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:  | 1<br>7/30/1970<br>Yes  | ww.  |
| Additional In<br><u>46</u><br>Well ID:<br>Construction<br>Primary Wate<br>Sec. Water U<br>Final Well St<br>Water Type:<br>Casing Matei<br>Audit No:  | fo Ordered:<br>1 of 1<br>Date:<br>er Use:<br>lse:<br>lse:<br>atus:   | 1510706<br>Domestic<br>0 | SE/113.7                   |                                | lot 6 con 3<br>ON<br>Data Entry Status:<br>Data Src:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:   | 1<br>7/30/1970<br>Yes<br>1504  | ww   |
| Additional In<br><u>46</u><br>Well ID:<br>Construction<br>Primary Wate<br>Sec. Water U<br>Final Well St.<br>Water Type:<br>Casing Matel<br>Audit No:<br>Tag:   | fo Ordered:<br>1 of 1<br>1 Date:<br>er Use:<br>se:<br>atus:<br>rial:   | 1510706<br>Domestic<br>0 | SE/113.7                   |                                | lot 6 con 3<br>ON<br>Data Entry Status:<br>Data Src:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:   | 1<br>7/30/1970<br>Yes<br>1504<br>1   | ww   |
| Additional In<br><u>46</u><br>Well ID:<br>Construction<br>Primary Wate<br>Sec. Water U<br>Final Well Sta<br>Water Type:<br>Casing Matel<br>Audit No:<br>Tag:<br>Construction   | fo Ordered:<br>1 of 1<br>1 Date:<br>er Use:<br>se:<br>atus:<br>rial:<br>1 Method:  | 1510706<br>Domestic<br>0 | SE/113.7                   |                                | lot 6 con 3<br>ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:   | 1<br>7/30/1970<br>Yes<br>1504<br>1<br>OTTAWA                                     | ww   |
| Additional In<br><u>46</u><br>Well ID:<br>Construction<br>Primary Wate<br>Sec. Water U<br>Final Well Sta<br>Water Type:<br>Casing Matel<br>Audit No:<br>Tag:<br>Construction<br>Elevation (m)  | fo Ordered:<br>1 of 1<br>1 Date:<br>er Use:<br>se:<br>atus:<br>rial:<br>Method:<br>):  | 1510706<br>Domestic<br>0 | SE/113.7                   |                                | lot 6 con 3<br>ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:  | 1<br>7/30/1970<br>Yes<br>1504<br>1   | ww   |
| Additional In<br><u>46</u><br>Well ID:<br>Construction<br>Primary Wate<br>Sec. Water U<br>Final Well Sta<br>Water Type:<br>Casing Matel<br>Audit No:<br>Tag:<br>Construction<br>Elevation (m,<br>Elevation Re  | fo Ordered:<br>1 of 1<br>1 of 1<br>Date:<br>er Use:<br>se:<br>atus:<br>rial:<br>Method:<br>):<br>liability:  | 1510706<br>Domestic<br>0 | SE/113.7                   |                                | lot 6 con 3<br>ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:  | 1<br>7/30/1970<br>Yes<br>1504<br>1<br>OTTAWA<br>GLOUCESTER TOWNSHIP              | ww   |
| Additional In<br><u>46</u><br>Well ID:<br>Construction<br>Primary Wate<br>Sec. Water U<br>Final Well Sta<br>Water Type:<br>Casing Matel<br>Audit No:<br>Tag:<br>Construction<br>Elevation (m,<br>Elevation Red   | fo Ordered:<br>1 of 1<br>1 of 1<br>Date:<br>er Use:<br>se:<br>atus:<br>rial:<br>Method:<br>):<br>liability:  | 1510706<br>Domestic<br>0 | SE/113.7                   |                                | lot 6 con 3<br>ON<br>Data Entry Status:<br>Data Src:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:   | 1<br>7/30/1970<br>Yes<br>1504<br>1<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>006       | wwi  |
| Additional In<br><u>46</u><br>Well ID:<br>Construction<br>Primary Wate<br>Sec. Water U<br>Final Well Sta<br>Water Type:<br>Casing Matel<br>Audit No:<br>Tag:<br>Construction<br>Elevation (m,<br>Elevation Re<br>Depth to Beo<br>Well Depth:   | fo Ordered:<br>1 of 1<br>1 of 1<br>1 of 2<br>1 of 1<br>1 of 2<br>1 of 1<br>1 of 2<br>1 of 1<br>1 | 1510706<br>Domestic<br>0 | SE/113.7                   |                                | lot 6 con 3<br>ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:   | 1<br>7/30/1970<br>Yes<br>1504<br>1<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>006<br>03 | wwi  |
| Additional In<br><u>46</u><br>Well ID:<br>Construction<br>Primary Wate<br>Sec. Water U<br>Final Well Sta<br>Water Type:<br>Casing Mater<br>Audit No:<br>Tag:<br>Construction<br>Elevation (m,<br>Elevation Re<br>Depth to Beo<br>Well Depth:<br>Overburden/M   | fo Ordered:<br>1 of 1<br>1 of 1<br>1 of 2<br>1 of 1<br>1 of 2<br>1 of 1<br>1 of 2<br>1 of 1<br>1 | 1510706<br>Domestic<br>0 | SE/113.7                   |                                | lot 6 con 3<br>ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession Name:   | 1<br>7/30/1970<br>Yes<br>1504<br>1<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>006       | WWI  |
| Additional In<br><u>46</u><br>Well ID:<br>Construction<br>Primary Wate<br>Sec. Water U<br>Final Well Sta<br>Water Type:<br>Casing Mater<br>Audit No:<br>Tag:<br>Construction<br>Elevation (m,<br>Elevation Re:<br>Depth to Beo<br>Well Depth:<br>Overburden//<br>Pump Rate:                                  | fo Ordered:<br>1 of 1<br>1 of 1<br>1 of 2<br>1 of 1<br>1 of 2<br>1 of 1<br>1 of 2<br>1 of 1<br>1 of 2<br>1 | 1510706<br>Domestic<br>0 | SE/113.7                   |                                | lot 6 con 3<br>ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession Name:<br>Easting NAD83:                                   | 1<br>7/30/1970<br>Yes<br>1504<br>1<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>006<br>03 | wwi  |
| Additional In<br><u>46</u><br>Well ID:<br>Construction<br>Primary Wate<br>Sec. Water U<br>Final Well Sta<br>Water Type:<br>Casing Mater<br>Audit No:<br>Tag:<br>Construction<br>Elevation Re,<br>Elevation Re,<br>Elevation Re,<br>Depth to Bea<br>Well Depth:<br>Overburden//<br>Pump Rate:<br>Static Water | fo Ordered:<br>1 of 1<br>1 of 1<br>Date:<br>er Use:<br>se:<br>atus:<br>rial:<br>Method:<br>liability:<br>liability:<br>Bedrock:<br>Level:  | 1510706<br>Domestic<br>0 | SE/113.7                   |                                | lot 6 con 3<br>ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83: | 1<br>7/30/1970<br>Yes<br>1504<br>1<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>006<br>03 | wwi  |
| Additional In<br><u>46</u><br>Well ID:<br>Construction<br>Primary Wate<br>Sec. Water U<br>Final Well Sta<br>Water Type:<br>Casing Mater<br>Audit No:<br>Tag:<br>Construction<br>Elevation (m,<br>Elevation Re:<br>Depth to Beo<br>Well Depth:<br>Overburden//<br>Pump Rate:                                  | fo Ordered:<br>1 of 1<br>1 of 1<br>Date:<br>er Use:<br>se:<br>atus:<br>rial:<br>Method:<br>liability:<br>liability:<br>Bedrock:<br>Level:  | 1510706<br>Domestic<br>0 | SE/113.7                   |                                | lot 6 con 3<br>ON<br>Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession Name:<br>Easting NAD83:                                   | 1<br>7/30/1970<br>Yes<br>1504<br>1<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>006<br>03 | wwi  |

114

| Мар Кеу      | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | D |
|--------------|----------------------|----------------------------|------------------|------|---|
| Clear/Cloudy | 2                    |                            |                  |      |   |

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/151\1510706.pdf

#### Bore Hole Information

| Bore Hole ID:<br>DP2BR: | 10032726<br>100 | Elevation:<br>Elevrc: | 79.261154                       |
|-------------------------|-----------------|-----------------------|---------------------------------|
| Spatial Status:         | 100             | Zone:                 | 18                              |
| Code OB:                | r               | East83:               | 459490.8                        |
| Code OB Desc:           | Bedrock         | North83:              | 5030822                         |
| Open Hole:              |                 | Org CS:               |                                 |
| Cluster Kind:           |                 | UTMRC:                | 5                               |
| Date Completed:         | 3/14/1969       | UTMRC Desc:           | margin of error : 100 m - 300 m |
| Remarks:                |                 | Location Method:      | p5                              |
| Elevrc Desc:            |                 |                       |                                 |

Overburden and Bedrock Materials Interval

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

| Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3: | 931015625<br>2<br>3<br>BLUE<br>05<br>CLAY |
|---|---|
| Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth:<br>Formation End Depth UOM:                                | 3<br>100<br>ft                            |

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

| Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3: | 931015626<br>3<br>2<br>GREY<br>15<br>LIMESTONE |
|---|--|
| Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth:<br>Formation End Depth UOM:                                | 100<br>103<br>ft                               |

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

| Formation ID: | 931015624 |
|---------------|-----------|
| Layer:        | 1         |
| Color:        | 5         |

| Мар Кеу                           | Number of<br>Records            | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-----------------------------------|---------------------------------|----------------------------|------------------|------|----|
| General Colo                      | r:                              | YELLOW                     |                  |      |    |
| Mat1:                             |                                 | 28                         |                  |      |    |
| Most Commo                        | n Material:                     | SAND                       |                  |      |    |
| <i>Mat2:</i><br>Mat2 Desc:        |                                 |                            |                  |      |    |
| Mat2: Dese.                       |                                 |                            |                  |      |    |
| Mat3 Desc:                        |                                 |                            |                  |      |    |
| Formation To                      | p Depth:                        | 0                          |                  |      |    |
| Formation Er                      |                                 | 3                          |                  |      |    |
| Formation Er                      | nd Depth UOM:                   | ft                         |                  |      |    |
| <u>Method of Co<br/>Use</u>       | nstruction & Well               |                            |                  |      |    |
| Method Cons                       |                                 | 961510706                  |                  |      |    |
|                                   | truction Code:                  | 7                          |                  |      |    |
| Method Cons<br>Other Method       | truction:<br>Construction:      | Diamond                    |                  |      |    |
| <u>Pipe Informat</u>              | tion                            |                            |                  |      |    |
| Pipe ID:                          |                                 | 10581296                   |                  |      |    |
| Casing No:                        |                                 | 1                          |                  |      |    |
| Comment:                          |                                 |                            |                  |      |    |
| Alt Name:                         |                                 |                            |                  |      |    |
| <u>Construction</u>               | Record - Casing                 |                            |                  |      |    |
| Casing ID:                        |                                 | 930058020                  |                  |      |    |
| Layer:                            |                                 | 1                          |                  |      |    |
| Material:                         | Motorial                        | 1<br>STEEL                 |                  |      |    |
| Open Hole or<br>Depth From:       | waterial:                       | SIEEL                      |                  |      |    |
| Depth To:                         |                                 | 103                        |                  |      |    |
| Casing Diame                      | eter:                           | 2                          |                  |      |    |
| Casing Diam                       |                                 | inch                       |                  |      |    |
| Casing Depth                      | UOM:                            | ft                         |                  |      |    |
| <u>Results of We</u>              | ell Yield Testing               |                            |                  |      |    |
| Pump Test ID                      |                                 | 991510706                  |                  |      |    |
| Pump Set At:                      |                                 | 40                         |                  |      |    |
| Static Level:                     | ftor Dumping                    | 18<br>40                   |                  |      |    |
|                                   | fter Pumping:<br>ed Pump Depth: | 40<br>50                   |                  |      |    |
| Pumping Rat                       |                                 | 10                         |                  |      |    |
| Flowing Rate                      |                                 |                            |                  |      |    |
|                                   | ed Pump Rate:                   | 6                          |                  |      |    |
| Levels UOM:                       |                                 | ft                         |                  |      |    |
| Rate UOM:                         |                                 | GPM                        |                  |      |    |
|                                   | After Test Code:                |                            |                  |      |    |
| Water State A                     |                                 | CLEAR<br>1                 |                  |      |    |
| Pumping Tes<br>Pumping Dur        |                                 | 2                          |                  |      |    |
| Pumping Dur                       |                                 | 0                          |                  |      |    |
| Flowing:                          |                                 | No                         |                  |      |    |
| Water Details                     | 1                               |                            |                  |      |    |
|                                   |                                 | 933465742                  |                  |      |    |
| Water ID:                         |                                 |                            |                  |      |    |
| Water ID:<br>Layer:<br>Kind Code: |                                 | 1                          |                  |      |    |

| Мар Кеу  | Number<br>Records       |  | Elev/Diff<br>(m)  | Site  |                                       | DB  |
|--|-------------------------|--|-------------------|---|---------------------------------------|-----|
| Kind:<br>Water Found<br>Water Found  |                         | FRESH<br>103<br><b>1:</b> ft   |                   |   |                                       |     |
| <u>47</u>  | 1 of 1                  | W/116.3  | 80.7/-0.18        | Navan Rd<br>Ottawa ON   |                                       | EHS |
| Order No:<br>Status:<br>Report Type.<br>Report Date:<br>Date Receive<br>Previous Site<br>Lot/Building<br>Additional In | ed:<br>e Name:<br>Size: | 20160224002<br>C<br>Custom Report<br>01-MAR-16<br>24-FEB-16                        |                   | Nearest Intersection:<br>Municipality:<br>Client Prov/State:<br>Search Radius (km):<br>X:<br>Y: | ON<br>.25<br>-75.524205<br>45.432901  |     |
| <u>48</u>  | 1 of 21                 | SSW/120.0  | 79.9 / -1.00      | LAURENT LEBLANC<br>3000 NAVAN ROAD<br>GLOUCESTER ON K1  |                                       | GEN |
| Generator No<br>Status:<br>Approval Yea<br>Contam. Fac<br>MHSW Facili  | ars:<br>:ility:         | ON1875101<br>94,95,96,97,98,99,00,01,02,0  | )3,04,05,06,07,08 | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin:                    |                                       |     |
| SIC Code:<br>SIC Descript  | -                       | 4214<br>EXCAVAT. & GRA   | DING              |   |                                       |     |
| <u>Detail(s)</u>   |                         |  |                   |   |                                       |     |
| Waste Class<br>Waste Class   |                         | 212<br>ALIPHATIC SOLVE   | ENTS              |   |                                       |     |
| Waste Class<br>Waste Class   |                         | 251<br>OIL SKIMMINGS 8   | SLUDGES           |   |                                       |     |
| Waste Class<br>Waste Class   |                         | 213<br>PETROLEUM DIS   | TILLATES          |   |                                       |     |
| Waste Class<br>Waste Class   | -                       | 252<br>WASTE OILS & LL   | IBRICANTS         |   |                                       |     |
| <u>48</u>  | 2 of 21                 | SSW/120.0  | 79.9/-1.00        | 3000 Navan Road<br>Ottawa ON K1C 7G4  |                                       | EHS |
| Order No:<br>Status:<br>Report Type.<br>Report Date:<br>Date Receive<br>Previous Site<br>Lot/Building<br>Additional In | ed:<br>e Name:<br>Size: | 20090521002<br>C<br>Custom Report<br>5/27/2009<br>5/21/2009<br>Fire Insur. Maps ar | nd/or Sire Plans  | Nearest Intersection:<br>Municipality:<br>Client Prov/State:<br>Search Radius (km):<br>X:<br>Y: | ON<br>0.25<br>-75.521004<br>45.430149 |     |
| <u>48</u>  | 3 of 21                 | SSW/120.0  | 79.9 / -1.00      | Laurent Leblanc Itd<br>3000 Navan road<br>Orlean ON K1C 7G4                                     |                                       | GEN |
| Generator No<br>Status:  | o:                      | ON4141965  |                   | PO Box No:<br>Country:  |                                       |     |

erisinfo.com | Environmental Risk Information Services

Order No: 21031000068

| Мар Кеу   | Numbe<br>Record   |                   | Direction/<br>Distance (m)                                      | Elev/Diff<br>(m)  | Site  | DB                    |
|---|---|-------------------|---|-------------------|---|-----------------------|
| Approval Yea<br>Contam. Faci<br>MHSW Facilit<br>SIC Code:<br>SIC Descripti  | ility:<br>ty:   | 07,08<br>238110   | Poured Concrete Fo  | oundation and Str | Choice of Contact:<br>Co Admin:<br>Phone No Admin:<br>ructure Contractors |                       |
| Detail(s)   |   |                   |   |                   |   |                       |
| Waste Class:<br>Waste Class   |   |                   | 221<br>LIGHT FUELS  |                   |   |                       |
| Waste Class:<br>Waste Class   |   |                   | 252<br>WASTE OILS & LU  | BRICANTS          |   |                       |
| <u>48</u>   | 4 of 21   |                   | SSW/120.0   | 79.9 / -1.00      | Andre Leblanc Cartage Ltd.<br>3000 Navan Road<br>Gloucester ON K1C 7G4    | CA                    |
| Certificate #:<br>Application Y<br>Issue Date:<br>Approval Typ<br>Status:<br>Application T<br>Client Name:<br>Client Addres<br>Client City:<br>Client Postal<br>Project Desci<br>Contaminants<br>Emission Col | /ear:<br>be:<br>Type:<br>ss:<br>Code:<br>ription:<br>s: |                   | 5555-4GHMJJ<br>2000<br>11/3/2000<br>Waste Managemen<br>Approved | t Systems         |   |                       |
| <u>48</u>   | 5 of 21   |                   | SSW/120.0   | 79.9 / -1.00      | Andre Joseph Jean Leblanc<br>3000 Navan Road<br>Gloucester ON K1C 7G4     | CA                    |
| Certificate #:<br>Application Y<br>Issue Date:<br>Approval Typ<br>Status:<br>Application T<br>Client Name:<br>Client Addres<br>Client City:<br>Client Postal<br>Project Desci<br>Contaminants<br>Emission Col | /ear:<br>be:<br>fype:<br>ss:<br>Code:<br>ription:<br>s: |                   | 5555-4GHMJJ<br>2000<br>2/15/2000<br>Waste Managemen<br>Amended  | t Systems         |   |                       |
| <u>48</u>   | 6 of 21   |                   | SSW/120.0   | 79.9/-1.00        | Laurent Leblanc Limited<br>3000 Navan Road<br>Gloucester ON K1C 7G4       | CA                    |
| Certificate #:<br>Application Y<br>Issue Date:<br>Approval Typ<br>Status:<br>Application T<br>Client Name:  | /ear:<br>be:<br>Гуре:                                   |                   | 8685-4V7V2D<br>2001<br>4/9/2001<br>Waste Managemen<br>Approved  | t Systems         |   |                       |
| 118   | erisinfo.c  | <u>com</u>   Envi | ronmental Risk Info   | ormation Service  | es  | Order No: 21031000068 |

|  | Number<br>Records |         | Direction/<br>Distance (m)     | Elev/Diff<br>(m)   | Site  | DB  |
|--|-------------------|---------|--------------------------------|--------------------|---|-----|
| Client Address<br>Client City:<br>Client Postal C<br>Project Descrip<br>Contaminants:<br>Emission Cont | ode:<br>ption:    |         |                                |                    |   |     |
| <u>48</u> 7  | 7 of 21           |         | SSW/120.0                      | 79.9/-1.00         | Laurent Leblanc Ltd.<br>3000 Navan Rd<br>Orléans ON K1C 7G4 | SCT |
| Established:<br>Plant Size (ft²):<br>Employment:   |                   |         | 01-SEP-59                      |                    |   |     |
| <u>Details</u><br>Description:<br>SIC/NAICS Coo  | de:               |         | General-Line Buildir<br>416310 | ng Supplies Whol   | esaler-Distributors   |     |
| Description:<br>SIC/NAICS Cod  | de:               |         | Construction, Trans 532410     | portation, Mining, | and Forestry Machinery and Equipment Rental and Leasing     |     |
| Description:<br>SIC/NAICS Cod  | de:               |         | Site Preparation Co<br>238910  | ntractors          |   |     |
| Description:<br>SIC/NAICS Coo  | de:               |         | Site Preparation Co<br>238910  | ntractors          |   |     |
| <u>48</u> 8  | 8 of 21           |         | SSW/120.0                      | 79.9/-1.00         | Laurent Leblanc Itd<br>3000 Navan road<br>Orlean ON K1C 7G4 | GEN |
| Generator No:  |                   | ON41419 | 965                            |                    | PO Box No:  |     |
| Status:<br>Approval Years  |                   | 2009    |                                |                    | Country:<br>Choice of Contact:                              |     |
| Contam. Facilit<br>MHSW Facility:  |                   |         |                                |                    | Co Admin:<br>Phone No Admin:                                |     |
| SIC Code:<br>SIC Description   | n:                | 238110  | Poured Concrete Fo             | oundation and Str  | ucture Contractors  |     |
| <u>Detail(s)</u>   |                   |         |                                |                    |   |     |
| Waste Class:<br>Waste Class De   | esc:              |         | 221<br>LIGHT FUELS             |                    |   |     |
| Waste Class:<br>Waste Class De   | esc:              |         | 252<br>WASTE OILS & LUI        | BRICANTS           |   |     |
| <u>48</u> 9  | 9 of 21           |         | SSW/120.0                      | 79.9 / -1.00       | Laurent Leblanc Itd<br>3000 Navan road<br>Orlean ON K1C 7G4 | GEN |
| Generator No:  |                   | ON41419 | 965                            |                    | PO Box No:  |     |
| Status:<br>Approval Years  |                   | 2010    |                                |                    | Country:<br>Choice of Contact:                              |     |
| Contam. Facilit<br>MHSW Facility:  |                   |         |                                |                    | Co Admin:<br>Phone No Admin:                                |     |
| SIC Code:<br>SIC Description   | n:                | 238110  | Poured Concrete Fo             | oundation and Str  | ucture Contractors  |     |

| Мар Кеу                                  | Numbe<br>Record |        | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site  | DB  |
|--|-----------------|--------|----------------------------|------------------|---|-----|
| <u>Detail(s)</u>                         |                 |        |                            |                  |   |     |
| Waste Class:<br>Waste Class              |                 |        | 252<br>WASTE OILS & LU     | BRICANTS         |   |     |
| Waste Class:<br>Waste Class I            |                 |        | 221<br>LIGHT FUELS         |                  |   |     |
| <u>48</u>                                | 10 of 21        |        | SSW/120.0                  | 79.9 / -1.00     | Laurent Leblanc Itd<br>3000 Navan road<br>Orlean ON K1C 7G4 | GEN |
| Generator No                             |                 | ON4141 | 965                        |                  | PO Box No:  |     |
| Status:<br>Approval Yea<br>Contam. Facil |                 | 2011   |                            |                  | Country:<br>Choice of Contact:<br>Co Admin:                 |     |
| MHSW Facilit<br>SIC Code:                |                 | 238110 |                            |                  | Phone No Admin:   |     |
| SIC Description                          | on:             | 230110 | Poured Concrete F          | oundation and St | ructure Contractors   |     |
| <u>Detail(s)</u>                         |                 |        |                            |                  |   |     |
| Waste Class:<br>Waste Class              |                 |        | 221<br>LIGHT FUELS         |                  |   |     |
| Waste Class:<br>Waste Class I            |                 |        | 252<br>WASTE OILS & LU     | BRICANTS         |   |     |
| <u>48</u>                                | 11 of 21        |        | SSW/120.0                  | 79.9/-1.00       | Laurent Leblanc Itd<br>3000 Navan road<br>Orleans ON        | GEN |
| Generator No                             |                 | ON4141 | 965                        |                  | PO Box No:  |     |
| Status:<br>Approval Yea                  | are -           | 2012   |                            |                  | Country:<br>Choice of Contact:                              |     |
| Contam. Faci                             | lity:           | 2012   |                            |                  | Co Admin:   |     |
| MHSW Facilit<br>SIC Code:                | y:              | 238110 |                            |                  | Phone No Admin:   |     |
| SIC Description                          | on:             | 200110 | Poured Concrete F          | oundation and St | ructure Contractors   |     |
| <u>Detail(s)</u>                         |                 |        |                            |                  |   |     |
| Waste Class:<br>Waste Class I            |                 |        | 221<br>LIGHT FUELS         |                  |   |     |
| Waste Class:<br>Waste Class I            |                 |        | 252<br>WASTE OILS & LU     | BRICANTS         |   |     |
| <u>48</u>                                | 12 of 21        |        | SSW/120.0                  | 79.9 / -1.00     | Laurent Leblanc Itd<br>3000 Navan road<br>Orleans ON        | GEN |
| Generator No                             |                 | ON4141 | 965                        |                  | PO Box No:  |     |
| Status:<br>Approval Yea                  | rs:             | 2013   |                            |                  | Country:<br>Choice of Contact:                              |     |
| Contam. Faci                             | lity:           |        |                            |                  | Co Admin:   |     |
| MHSW Facilit<br>SIC Code:                | -               | 238110 |                            |                  | Phone No Admin:   |     |
| SIC Description                          | on:             |        | POURED CONCRE              | ETE FOUNDATIC    | ON AND STRUCTURE CONTRACTORS                                |     |

| Мар Кеу                      | Numbe<br>Record |                               | Elev/Diff<br>(m) | Site  |                   | DB  |
|------------------------------|-----------------|-------------------------------|------------------|---|-------------------|-----|
| <u>Detail(s)</u>             |                 |                               |                  |   |                   |     |
| Waste Class<br>Waste Class   | -               | 213<br>PETROLEUM DIS          | TILLATES         |   |                   |     |
| Waste Class<br>Waste Class   |                 | 252<br>WASTE OILS & LU        | JBRICANTS        |   |                   |     |
| Waste Class<br>Waste Class   |                 | 221<br>LIGHT FUELS            |                  |   |                   |     |
| <u>48</u>                    | 13 of 21        | SSW/120.0                     | 79.9/-1.00       | Andre Joseph Jea<br>3000 Navan Road<br>Gloucester ON K  | 1                 | ECA |
| Approval No                  |                 | 5555-4GHMJJ                   |                  | MOE District:   | Ottawa            |     |
| Approval Da<br>Status:       | ite:            | 2000-02-15<br>Amended         |                  | City:<br>Longitude:                                     | -75.52158         |     |
| Record Type                  |                 | ECA                           |                  | Latitude:   | 45.43063          |     |
| Link Source                  |                 | IDS                           |                  | Geometry X:   | -00000            |     |
| SWP Area N                   |                 | Rideau Valley                 |                  | Geometry Y:   |                   |     |
| Approval Ty                  | •               | ECA-WASTE MAN                 |                  |   |                   |     |
| Project Type                 | ):              | WASTE MANAGE                  |                  |   |                   |     |
| Address:                     | _               | 3000 Navan Road               |                  |   |                   |     |
| Full Address<br>Full PDF Lin |                 | https://www.acces             | senvironment ene | .gov.on.ca/instruments/0                                | 152-4GAMXP-14 pdf |     |
|                              | κ.              | nipo.,/ nimitadooo            |                  | .901.011.0211101.01101.0                                |                   |     |
| <u>48</u>                    | 14 of 21        | SSW/120.0                     | 79.9/-1.00       | Laurent Leblanc I<br>3000 Navan Road<br>Gloucester ON K | 1                 | ECA |
| Approval No                  | ) <i>.</i>      | 8685-4V7V2D                   |                  | MOE District:   | Ottawa            |     |
| Approval Da                  |                 | 2001-04-09                    |                  | City:   | Olland            |     |
| Status:                      |                 | Approved                      |                  | Longitude:  | -75.52158         |     |
| Record Type                  | e:              | ECA                           |                  | Latitude:   | 45.43063          |     |
| Link Source                  |                 | IDS                           |                  | Geometry X:   |                   |     |
| SWP Area N                   |                 | Rideau Valley                 |                  | Geometry Y:   |                   |     |
| Approval Ty                  |                 | ECA-WASTE MAN<br>WASTE MANAGE |                  |   |                   |     |
| Project Type<br>Address:     |                 | 3000 Navan Road               |                  |   |                   |     |
| Full Address                 | s:              |                               |                  |   |                   |     |
| Full PDF Lin                 |                 | https://www.acces             | senvironment.ene | .gov.on.ca/instruments/7                                | 512-4U8QFA-14.pdf |     |
| <u>48</u>                    | 15 of 21        | SSW/120.0                     | 79.9/-1.00       | Andre Leblanc Ca<br>3000 Navan Road<br>Gloucester ON K  | 1                 | ECA |
|                              |                 |                               |                  |   | 0.1               |     |
| Approval No                  |                 | 5555-4GHMJJ                   |                  | MOE District:   | Ottawa            |     |
| Approval Da<br>Status:       | ne:             | 2000-11-03<br>Approved        |                  | City:<br>Longitude:                                     | -75.52158         |     |
| Record Type                  | <i></i>         | Approved<br>ECA               |                  | Longitude:<br>Latitude:                                 | 45.43063          |     |
| Link Source                  |                 | IDS                           |                  | Geometry X:   | 10.10000          |     |
| SWP Area N                   |                 | Rideau Valley                 |                  | Geometry Y:   |                   |     |
| Approval Ty                  |                 | ECA-WASTE MAN                 | AGEMENT SYST     |   |                   |     |
| Project Type                 | ):              | WASTE MANAGE                  |                  | i   |                   |     |
| Address:                     |                 | 3000 Navan Road               |                  |   |                   |     |
| Full Address                 |                 | http:///                      | oon inone        | any on onlinetaria - 1-                                 |                   |     |
| Full PDF Lin                 | <b>N</b> :      | nups://www.acces              | senvironment.ene | .gov.on.ca/instruments/5                                | 044-4QFQGE-14.put |     |
|                              |                 |                               |                  |   |                   |     |

| Map Key  | Numbe<br>Record           |                                      | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site   |                                  | DB  |
|--|---------------------------|--------------------------------------|----------------------------|------------------|--|----------------------------------|-----|
| <u>48</u>  | 16 of 21                  |                                      | SSW/120.0                  | 79.9/-1.00       | Laurent Leblanc Itd<br>3000 Navan road<br>Orleans ON K1C 7G4                 |                                  | GEN |
| Generator I<br>Status:<br>Approval Y<br>Contam. Faa<br>MHSW Faci<br>SIC Code:<br>SIC Descrip | ears:<br>cility:<br>lity: | ON4141<br>2015<br>No<br>No<br>238110 |                            | ETE FOUNDATIC    | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin: | Canada<br>CO_OFFICIAL<br>RACTORS |     |
| <u>Detail(s)</u>   |                           |                                      |                            |                  |  |                                  |     |
| Waste Clas<br>Waste Clas   |                           |                                      | 213<br>PETROLEUM DIS       | TILLATES         |  |                                  |     |
| Waste Clas<br>Waste Clas   |                           |                                      | 252<br>WASTE OILS & LI     | UBRICANTS        |  |                                  |     |
| Waste Clas<br>Waste Clas   |                           |                                      | 221<br>LIGHT FUELS         |                  |  |                                  |     |
| <u>48</u>  | 17 of 21                  |                                      | SSW/120.0                  | 79.9/-1.00       | Laurent Leblanc Itd<br>3000 Navan road<br>Orleans ON K1C 7G4                 |                                  | GEN |
| Generator N<br>Status:<br>Approval Yı<br>Contam. Fa<br>MHSW Faci<br>SIC Code:<br>SIC Descrip | ears:<br>cility:<br>lity: | ON4141<br>2016<br>No<br>No<br>238110 |                            | ETE FOUNDATIC    | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin: | Canada<br>CO_OFFICIAL<br>RACTORS |     |
| <u>Detail(s)</u>   |                           |                                      |                            |                  |  |                                  |     |
| Waste Clas<br>Waste Clas   |                           |                                      | 213<br>PETROLEUM DIS       | TILLATES         |  |                                  |     |
| Waste Clas<br>Waste Clas   |                           |                                      | 221<br>LIGHT FUELS         |                  |  |                                  |     |
| Waste Clas<br>Waste Clas   |                           |                                      | 252<br>WASTE OILS & LI     | UBRICANTS        |  |                                  |     |
| <u>48</u>  | 18 of 21                  |                                      | SSW/120.0                  | 79.9 / -1.00     | Laurent Leblanc Itd<br>3000 Navan road<br>Orleans ON K1C 7G4                 |                                  | GEN |
| Generator N<br>Status:<br>Approval Yo<br>Contam. Fa<br>MHSW Faci<br>SIC Code:<br>SIC Descrip | ears:<br>cility:<br>lity: | ON4141<br>2014<br>No<br>238110       |                            | ETE FOUNDATIC    | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin: | Canada<br>CO_OFFICIAL<br>RACTORS |     |
| <u>Detail(s)</u>   |                           |                                      |                            |                  |  |                                  |     |
| Waste Class<br>Waste Class   |                           |                                      | 213<br>PETROLEUM DIS       | TILLATES         |  |                                  |     |

| Map Key  | Numbe<br>Record            |  | Elev/Diff<br>(m) | Site  |  | DE           |
|--|----------------------------|--|------------------|---|--|--------------|
| Waste Class<br>Waste Class   |                            | 252<br>WASTE OILS & LUI  | BRICANTS         |   |  |              |
| Waste Class<br>Waste Class   |                            | 221<br>LIGHT FUELS   |                  |   |  |              |
| <u>48</u>  | 19 of 21                   | SSW/120.0  | 79.9/-1.00       | Laurent Leblanc Itd<br>3000 Navan road<br>Orleans ON K1C 7G4  |  | GEN          |
| Generator No<br>Status:<br>Approval Ye<br>Contam. Fac<br>MHSW Facili<br>SIC Code:<br>SIC Descript                              | ars:<br>:ility:<br>ity:    | ON4141965<br>Registered<br>As of Dec 2018  |                  | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin:  | Canada   |              |
| <u>Detail(s)</u>   |                            |  |                  |   |  |              |
| Waste Class<br>Waste Class   |                            | 213 I<br>Petroleum distillates   | ;                |   |  |              |
| Waste Class<br>Waste Class   | -                          | 213 T<br>Petroleum distillates   | ;                |   |  |              |
| Waste Class<br>Waste Class   |                            | 221 I<br>Light fuels   |                  |   |  |              |
| Waste Class<br>Waste Class   |                            | 222 L<br>Heavy fuels   |                  |   |  |              |
| Waste Class<br>Waste Class   |                            | 252 L<br>Waste crankcase oi  | s and lubricants |   |  |              |
| <u>48</u>  | 20 of 21                   | SSW/120.0  | 79.9/-1.00       | 2561678 ONTARIO INC<br>3000 NAVAN RD<br>ORLEANS ON K1C 7G   |  | EASR         |
| Approval No<br>Status:<br>Date:<br>Record Type<br>Link Source:<br>Project Type<br>Full Address<br>Approval Tyj<br>Full PDF Lin | 9:<br>:<br>::<br>::<br>pe: | R-004-5110517687<br>REGISTERED<br>2018-07-04<br>EASR<br>MOFA<br>Waste Management System<br>EASR-Waste Manag<br>http://www.accessed |                  | SWP Area Name:<br>MOE District:<br>Municipality:<br>Latitude:<br>Longitude:<br>Geometry X:<br>Geometry Y:<br>gov.on.ca/AEWeb/ae/ViewDoc | Rideau Valley<br>Ottawa<br>ORLEANS<br>45.43055556<br>-75.52166667<br>cument.action?documentR | efID=2073460 |
| <u>48</u>  | 21 of 21                   | SSW/120.0  | 79.9 / -1.00     | Laurent Leblanc Itd<br>3000 Navan road<br>Orleans ON K1C 7G4  |  | GEN          |
| Generator No<br>Status:<br>Approval Ye<br>Contam. Fac<br>MHSW Facili<br>SIC Code:<br>SIC Descript                              | ars:<br>:ility:<br>ity:    | ON4141965<br>Registered<br>As of Jul 2020  |                  | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin:  | Canada   |              |

| Мар Кеу   | Number of<br>Records  | Direction/<br>Distance (m)     | Elev/Diff<br>(m)  | Site  |  | DI |
|---|---|--------------------------------|-------------------|---|--|----|
| Detail(s)   |   |                                |                   |   |  |    |
| Vaste Class:<br>Vaste Class Do  | esc:  | 252 L<br>Waste crankcase oils  | and lubricants    |   |  |    |
| Vaste Class:<br>Vaste Class Do  | esc:  | 213 T<br>Petroleum distillates |                   |   |  |    |
| Vaste Class:<br>Vaste Class De  | esc:  | 213 I<br>Petroleum distillates |                   |   |  |    |
| Vaste Class:<br>Vaste Class Do  | esc:  | 221 I<br>Light fuels           |                   |   |  |    |
| Vaste Class:<br>Vaste Class Do  | esc:  | 222 L<br>Heavy fuels           |                   |   |  |    |
| <u>49</u> 1   | 1 of 1  | SE/138.1                       | 79.9/-1.00        | lot 6 con 3<br>ON   |  | ww |
| Vell ID:<br>Construction D<br>rimary Water<br>Sec. Water Use<br>inal Well Statu<br>Vater Type:<br>Casing Materia<br>Judit No:<br>Casing Materia<br>Loyation Relia<br>Depth to Bedro<br>Verburden/Be<br>Ump Rate:<br>Cathic Water Le<br>Cowing (Y/N):<br>Clow Rate:<br>Clear/Cloudy:<br>DF URL (Map) | Use: Domest<br>e: 0<br>us: Water S<br>hl:<br>Method:<br>ability:<br>bock:<br>edrock:<br>evel:               | ic<br>Supply                   | dv.cloudfront.net | Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | 1<br>12/6/1960<br>Yes<br>1802<br>1<br>OTTAWA<br>GLOUCESTER TOWNSHIP<br>006<br>03<br>OF |    |
|   | 100234<br>95<br>r<br>Bedrock<br>d: 11/9/19<br>ce Date:<br>ocation Source:<br>ocation Method:<br>on Comment: | ¢                              |                   | Elevation:<br>Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:<br>Location Method:   | 78.547744<br>18<br>459480.8<br>5030797<br>5<br>margin of error : 100 m - 300 m<br>p5   |    |

| Мар Кеу   | Number of<br>Records                    | Direction/<br>Distance (m)      | Elev/Diff<br>(m) | Site | DB |
|---|---|---------------------------------|------------------|------|----|
| Materials Inte  | erval                                   |                                 |                  |      |    |
| Formation ID<br>Layer:<br>Color:                            |   | 930991788<br>2                  |                  |      |    |
| General Colo<br>Mat1:<br>Most Commo<br>Mat2:                |   | 11<br>GRAVEL<br>09              |                  |      |    |
| Mat2 Desc:<br>Mat3:<br>Mat3 Desc:                           |   | MEDIUM SAND<br>13<br>BOULDERS   |                  |      |    |
| Formation To<br>Formation El                                | op Depth:<br>nd Depth:<br>nd Depth UOM: | 52<br>95<br>ft                  |                  |      |    |
| <u>Overburden a</u><br>Materials Inte                       | and Bedrock<br>erval                    |                                 |                  |      |    |
| Formation ID<br>Layer:<br>Color:                            |   | 930991787<br>1<br>3             |                  |      |    |
| General Colo<br>Mat1:<br>Most Commo<br>Mat2:                |   | BLUE<br>05<br>CLAY              |                  |      |    |
| <i>Mat2 Desc:<br/>Mat3:<br/>Mat3 Desc:<br/>Formation To</i> | op Depth:                               | 0                               |                  |      |    |
| Formation E   | nd Depth:<br>nd Depth UOM:              | 52<br>ft                        |                  |      |    |
| <u>Overburden a</u><br><u>Materials Inte</u>                | and Bedrock<br>erval                    |                                 |                  |      |    |
| Formation ID<br>Layer:<br>Color:                            |   | 930991789<br>3<br>8<br>51 4 017 |                  |      |    |
| General Colo<br>Mat1:<br>Most Commo<br>Mat2:                |   | BLACK<br>17<br>SHALE            |                  |      |    |
| <i>Mat2 Desc:<br/>Mat3:<br/>Mat3 Desc:<br/>Formation To</i> | an Donth                                | 95                              |                  |      |    |
| Formation E   |   | 95<br>125<br>ft                 |                  |      |    |
| <u>Method of Co</u><br><u>Use</u>                           | onstruction & Well                      |                                 |                  |      |    |
| Method Cons   | struction Code:                         | 961501420<br>7<br>Diamond       |                  |      |    |
| <u>Pipe Informa</u>   | <u>tion</u>                             |                                 |                  |      |    |
| Pipe ID:<br>Casing No:                                      |   | 10572033<br>1                   |                  |      |    |

Comment: Alt Name:

# Construction Record - Casing

| Casing ID:             | 930039807 |
|------------------------|-----------|
| Layer:                 | 1         |
| Material:              | 1         |
| Open Hole or Material: | STEEL     |
| Depth From:            |           |
| Depth To:              | 100       |
| Casing Diameter:       | 3         |
| Casing Diameter UOM:   | inch      |
| Casing Depth UOM:      | ft        |
|                        |           |

# Construction Record - Casing

| Casing ID:<br>Layer:<br>Material: | 930039808<br>2<br>4 |
|-----------------------------------|---------------------|
| Open Hole or Material:            | OPEN HOLE           |
| Depth From:                       |                     |
| Depth To:                         | 125                 |
| Casing Diameter:                  | 3                   |
| Casing Diameter UOM:              | inch                |
| Casing Depth UOM:                 | ft                  |

#### Results of Well Yield Testing

| Pump Test ID:                 | 991501420 |
|-------------------------------|-----------|
| Pump Set At:<br>Static Level: | 9         |
| Final Level After Pumping:    | 40        |
| Recommended Pump Depth:       | 60        |
| Pumping Rate:                 | 5         |
| Flowing Rate:                 |           |
| Recommended Pump Rate:        | 5         |
| Levels UOM:                   | ft        |
| Rate UOM:                     | GPM       |
| Water State After Test Code:  | 1         |
| Water State After Test:       | CLEAR     |
| Pumping Test Method:          | 1         |
| Pumping Duration HR:          | 2         |
| Pumping Duration MIN:         | 0         |
| Flowing:                      | No        |

## Water Details

| Water ID:<br>Layer:<br>Kind Code:<br>Kind:<br>Water Found Depth:<br>Water Found Depth UOM: | 933454127<br>1<br>1<br>FRESH<br>120<br>ft |             |  |    |
|--|---|-------------|--|----|
| 50 1 of 4  | ESE/151.5                                 | 80.9 / 0.00 | Minto Communities Inc.<br>6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa<br>Front), Geographic Town of Gloucester<br>Ottawa ON | CA |

Certificate #: Application Year: 5588-89SKM5 2010

| Map Key  | Numbe<br>Record   |  | Elev/Diff<br>) (m) | Site  | DB  |
|--|---|--|--------------------|---|-----|
| Issue Date:<br>Approval Ty<br>Status:<br>Application<br>Client Name<br>Client Addre<br>Client City:<br>Client Posta<br>Project Dest<br>Contaminan<br>Emission Co                                 | Type:<br>2:<br>2:<br>2:<br>2:<br>2:<br>2:<br>2:<br>2:<br>2:<br>2:<br>2:<br>2:<br>2: | 10/8/2010<br>Municipal and Pr<br>Approved                        | ivate Sewage Works |   |     |
| <u>50</u>  | 2 of 4  | ESE/151.5  | 80.9 / 0.00        | Richcraft Homes Ltd.<br>6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa<br>Front), Geographic Town of Gloucester<br>Ottawa ON                              | СА  |
| Certificate #<br>Application<br>Issue Date:<br>Approval Ty<br>Status:<br>Application<br>Client Name<br>Client Addre<br>Client City:<br>Client Posta<br>Project Dest<br>Contaminan<br>Emission Co | Year:<br>rpe:<br>Type:<br>::<br>ess:<br>Il Code:<br>cription:<br>its:               | 4214-8DRL23<br>2011<br>2/8/2011<br>Municipal and Pri<br>Approved | ivate Sewage Works |   |     |
| <u>50</u>  | 3 of 4  | ESE/151.5  | 80.9 / 0.00        | Richcraft Homes Ltd.<br>6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa<br>Front), Geographic Town of Gloucester, City of<br>Ottawa<br>Ottawa ON K1G 4K1   | ECA |
| Approval No<br>Approval Da<br>Status:<br>Record Type<br>Link Source<br>SWP Area N<br>Approval Ty<br>Project Type<br>Address:<br>Full Address<br>Full PDF Lin                                     | nte:<br>e:<br>:<br>lame:<br>rpe:<br>e:<br>s:  | MUNICIPAL AND<br>6151 Renaud Rd                                  |                    |   |     |
| <u>50</u>  | 4 of 4  | ESE/151.5  | 80.9 / 0.00        | Minto Communities Inc.<br>6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa<br>Front), Geographic Town of Gloucester, City of<br>Ottawa<br>Ottawa ON K1P 0B6 | ECA |
| Approval No<br>Approval Da<br>Status:<br>Record Type<br>Link Source  | nte:<br>e:  | 5588-89SKM5<br>2010-10-08<br>Approved<br>ECA<br>IDS              |                    | MOE District:<br>City:<br>Longitude:<br>Latitude:<br>Geometry X:  |     |

| Мар Кеу   | Number<br>Records |   | Elev/Diff<br>) (m) | Site  |   | DE  |
|---|-------------------|---|--------------------|---|---|-----|
| SWP Area Nai<br>Approval Type<br>Project Type:<br>Address:<br>Full Address:<br>Full PDF Link:                               | e:                | MUNICIPAL AND<br>6151 Renaud Rd                             |                    | E WORKS   | Town of Gloucester, City of Ottawa<br>893LH7-14.pdf |     |
| <u>51</u>   | 1 of 3            | S/156.8   | 79.9 / -1.00       | Navan and Renaud R<br>Ottawa ON K4B 1H9   | oad   | EHS |
| Order No:<br>Status:<br>Report Type:<br>Report Date:<br>Date Received<br>Previous Site<br>Lot/Building S<br>Additional Info | Name:<br>Size:    | 20200508091<br>C<br>Custom Report<br>13-MAY-20<br>08-MAY-20 |                    | Nearest Intersection:<br>Municipality:<br>Client Prov/State:<br>Search Radius (km):<br>X:<br>Y: | ON<br>.25<br>-75.52079553<br>45.42985255            |     |
| <u>51</u>   | 2 of 3            | S/156.8   | 79.9 / -1.00       | Navan and Renaud Re<br>Ottawa ON K4B 1H9  | oad   | EHS |
| Order No:<br>Status:<br>Report Type:<br>Report Date:<br>Date Received<br>Previous Site<br>Lot/Building S<br>Additional Info | Name:<br>Size:    | 20200508091<br>C<br>Custom Report<br>13-MAY-20<br>08-MAY-20 |                    | Nearest Intersection:<br>Municipality:<br>Client Prov/State:<br>Search Radius (km):<br>X:<br>Y: | ON<br>.25<br>-75.52079553<br>45.42985255            |     |
| <u>51</u>   | 3 of 3            | S/156.8   | 79.9/-1.00         | Navan and Renaud R<br>Ottawa ON K4B 1H9   | oad   | EHS |
| Order No:<br>Status:<br>Report Type:<br>Report Date:<br>Date Received<br>Previous Site<br>Lot/Building S<br>Additional Info | Name:<br>Size:    | 20200508091<br>C<br>Custom Report<br>13-MAY-20<br>08-MAY-20 |                    | Nearest Intersection:<br>Municipality:<br>Client Prov/State:<br>Search Radius (km):<br>X:<br>Y: | ON<br>.25<br>-75.52079553<br>45.42985255            |     |
| <u>52</u>   | 1 of 12           | SSE/161.5   | 79.0 / -1.91       | MARCEL BRAZEAU L<br>LOT 6, CONC. 3 OFF<br>R.R.#9<br>GLOUCESTER ON K1                            | NAVAN ROAD C/O BOX 231                              | GEN |
| Generator No.<br>Status:<br>Approval Year<br>Contam. Facil<br>MHSW Facility<br>SIC Code:                                    | rs:<br>lity:      | ON1212200<br>89<br>4564                                     |                    | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin:                    |   |     |
| SIC Descriptio  | on:               | BULK DRY TRUC   | KING               |   |   |     |

# <u>Detail(s)</u>

erisinfo.com | Environmental Risk Information Services

Order No: 21031000068

| Мар Кеу  | Numbe<br>Record |         | Direction/<br>Distance (m)  | Elev/Diff<br>(m) | Site   | DB   |
|--|-----------------|---------|---|------------------|--|------|
| Waste Class<br>Waste Class   |                 |         | 221<br>LIGHT FUELS  |                  |  |      |
| Waste Class<br>Waste Class   |                 |         | 252<br>WASTE OILS & LU  | BRICANTS         |  |      |
| <u>52</u>  | 2 of 12         |         | SSE/161.5   | 79.0/-1.91       | MARCEL BRAZEAU LTD. 26-391<br>3060 NAVAN ROAD<br>GLOUCESTER ON K1G 3N5       | GEN  |
| Generator N  | о:              | ON1212  | 2200  |                  | PO Box No:   |      |
| Status:<br>Approval Ye<br>Contam. Fac  | ility:          | 92,93,9 | 4,95,96,97,98   |                  | Country:<br>Choice of Contact:<br>Co Admin:                                  |      |
| MHSW Facili<br>SIC Code:<br>SIC Descript                                     | •               | 4564    | BULK DRY TRUCK  | (ING             | Phone No Admin:  |      |
| <u>Detail(s)</u>   |                 |         |   |                  |  |      |
| Waste Class<br>Waste Class   |                 |         | 221<br>LIGHT FUELS  |                  |  |      |
| Waste Class<br>Waste Class   |                 |         | 252<br>WASTE OILS & LU  | BRICANTS         |  |      |
| <u>52</u>  | 3 of 12         |         | SSE/161.5   | 79.0/-1.91       | MARCEL BRAZEAU LTD.<br>3060 NAVAN ROAD<br>GLOUCESTER ON K1G 3N5              | GEN  |
| Generator No<br>Status:<br>Approval Yea<br>Contam. Fac<br>MHSW Facili        | ars:<br>:ility: |         | 2200<br>1,02,03,04,05,06,07,0   | 8                | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin: |      |
| SIC Code:<br>SIC Descript  | tion:           | 4564    | BULK DRY TRUCK  | (ING             |  |      |
| <u>Detail(s)</u>   |                 |         |   |                  |  |      |
| Waste Class<br>Waste Class   |                 |         | 252<br>WASTE OILS & LU  | BRICANTS         |  |      |
| Waste Class<br>Waste Class   |                 |         | 212<br>ALIPHATIC SOLVE  | ENTS             |  |      |
| Waste Class<br>Waste Class   | -               |         | 221<br>LIGHT FUELS  |                  |  |      |
| Waste Class<br>Waste Class   |                 |         | 251<br>OIL SKIMMINGS &  | SLUDGES          |  |      |
| <u>52</u>  | 4 of 12         |         | SSE/161.5   | 79.0 / -1.91     | MARCEL BRAZEAU TOP SOIL<br>3060 NAVAN RD<br>NAVAN ON                         | FSTH |
| License Issu<br>Tank Status:<br>Tank Status<br>Operation Ty<br>Facility Type | As Of:<br>/pe:  |         | 10/1/2001<br>Licensed<br>August 2007<br>Private Fuel Outlet<br>Gasoline Station - S | Self Serve       |  |      |

erisinfo.com | Environmental Risk Information Services

| Мар Кеу   | Number<br>Record |        | Direction/<br>Distance (m)  | Elev/Diff<br>(m)   | Site  | DB   |
|---|------------------|--------|---|--------------------|---|------|
| <u>Details</u><br>Status:<br>Year of Instal<br>Corrosion Pro                              |                  |        | Active<br>2001  |                    |   |      |
| Capacity:<br>Tank Fuel Ty   | pe:              |        | 9280<br>Liquid Fuel Single \  | Wall AST - Gasolir | ne  |      |
| Status:<br>Year of Instal<br>Corrosion Pro  |                  |        | Active<br>2001  |                    |   |      |
| Capacity:<br>Tank Fuel Ty <sub>l</sub>  | pe:              |        | 1345<br>Liquid Fuel Single \  | Wall AST - Gasolir | ne  |      |
| <u>52</u>   | 5 of 12          |        | SSE/161.5   | 79.0 / -1.91       | MARCEL BRAZEAU TOP SOIL<br>3060 NAVAN RD<br>NAVAN ON            | FSTH |
| License Issue<br>Tank Status:<br>Tank Status<br>Operation Ty<br>Facility Type:            | As Of:<br>pe:    |        | 10/1/2001<br>Licensed<br>December 2008<br>Private Fuel Outlet<br>Gasoline Station - S | Self Serve         |   |      |
| <u>Details</u><br>Status:<br>Year of Instal<br>Corrosion Pro<br>Capacity:<br>Tank Fuel Ty | otection:        |        | Active<br>2001<br>9280<br>Liquid Fuel Single \  | Nall AST - Gasolir | ne  |      |
| Status:<br>Year of Instal<br>Corrosion Pro  |                  |        | Active<br>2001  |                    |   |      |
| Capacity:<br>Tank Fuel Ty <sub>l</sub>  | pe:              |        | 1345<br>Liquid Fuel Single \  | Wall AST - Gasolir | ne  |      |
| <u>52</u>   | 6 of 12          |        | SSE/161.5   | 79.0/-1.91         | MARCEL BRAZEAU LTD.<br>3060 NAVAN ROAD<br>GLOUCESTER ON K1W 1E9 | GEN  |
| Generator No<br>Status:   | ):               | ON1212 | 200   |                    | PO Box No:<br>Country:  |      |
| Approval Yea<br>Contam. Faci<br>MHSW Facilit  | ility:           | 2009   |   |                    | Choice of Contact:<br>Co Admin:<br>Phone No Admin:              |      |
| SIC Code:<br>SIC Descripti  | -                | 561730 | Landscaping Servic  | ces                | Phone no Admin.   |      |
| <u>Detail(s)</u>  |                  |        |   |                    |   |      |
| Waste Class:<br>Waste Class   |                  |        | 212<br>ALIPHATIC SOLVE  | ENTS               |   |      |
| Waste Class:<br>Waste Class   |                  |        | 221<br>LIGHT FUELS  |                    |   |      |
| Waste Class:<br>Waste Class   |                  |        | 251<br>OIL SKIMMINGS &  | SLUDGES            |   |      |
| Waste Class:  |                  |        | 252   |                    |   |      |

| Мар Кеу   | Numbe<br>Record   |   | Direction/<br>Distance (m)  | Elev/Diff<br>(m)                    | Site   |   | DB  |
|---|---|---|---|-------------------------------------|--|---|-----|
| Waste Class   | Desc:   |   | WASTE OILS & LU   | BRICANTS                            |  |   |     |
| <u>52</u>   | 7 of 12   |   | SSE/161.5   | 79.0 / -1.91                        | MARCEL BRAZEAU I<br>3060 NAVAN ROAD<br>GLOUCESTER ON K                       |   | GEN |
| Generator N<br>Status:<br>Approval Ye<br>Contam. Fac<br>MHSW Facil<br>SIC Code:<br>SIC Descrip  | ears:<br>cility:<br>lity:   | ON1212:<br>2010<br>561730   | 200<br>Landscaping Servic   | es                                  | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin: |   |     |
| <u>Detail(s)</u>  |   |   |   |                                     |  |   |     |
| Waste Class<br>Waste Class  |   |   | 212<br>ALIPHATIC SOLVE  | INTS                                |  |   |     |
| Waste Class<br>Waste Class  |   |   | 251<br>OIL SKIMMINGS &  | SLUDGES                             |  |   |     |
| Waste Class<br>Waste Class  |   |   | 252<br>WASTE OILS & LU  | BRICANTS                            |  |   |     |
| Waste Class<br>Waste Class  |   |   | 221<br>LIGHT FUELS  |                                     |  |   |     |
| <u>52</u>   | 8 of 12   |   | SSE/161.5   | 79.0 / -1.91                        | MARCEL BRAZEAU<br>3060 NAVAN RD NAV<br>NAVAN RD NAVAN K<br>ON                | /AN K4B ON CA 3060                                  | FST |
| Instance No<br>Status:<br>Cont Name:<br>Instance Tyj<br>Item Descrip<br>Tank Type:<br>Install Date:<br>Install Year:<br>Years in Ser<br>Model:<br>Description:<br>Capacity:<br>Tank Materia<br>Corrosion P<br>Overfill Prot<br>Facility Type<br>Parent Facil<br>Facility Loca<br>Device Insta | be:<br>btion:<br>rvice:<br>al:<br>rotect:<br>fect:<br>e:<br>ity Type:<br>ation: | FS LIQU<br>FS Liquid<br>Single W<br>10/1/200<br>2001<br>9.5<br>NULL<br>9280<br>Steel<br>Coating | d Fuel Tank<br>ID FUEL TANK<br>d Fuel Tank<br>/all Horizontal AST | e Fuel Outlet - Se<br>AVAN K4B ON ( | CA   | NULL<br>NULL<br>1<br>EA<br>Gasoline<br>NULL<br>NULL |     |
| Fuel Storage  | e Tank Deta   | <u>nils</u>   |   |                                     |  |   |     |
| Owner Acco  | ount Name:  |   | MARCEL BRAZEA   | J TOP SOIL                          |  |   |     |
| Liquid Fuel   | Tank Detail   | <u>'s</u>   |   |                                     |  |   |     |
| Overfill Prot<br>Owner Acco   |   | NULL  | MARCEL BRAZEA   | J TOP SOIL                          |  |   |     |

| Мар Кеу   | Numbei<br>Record   |  | Direction/<br>Distance (m)  | Elev/Diff<br>(m)                      | Site   |   | DB           |
|---|--|--|---|---------------------------------------|--|---|--------------|
| <u>52</u>   | 9 of 12  |  | SSE/161.5   | 79.0 / -1.91                          | MARCEL BRAZEAU 1<br>3060 NAVAN RD NAV<br>NAVAN RD NAVAN K<br>ON  | AN K4B ON CA 3060   | FST          |
|   | pe:<br>ption:<br>rvice:<br>:<br>al:<br>Protect:<br>tect:<br>e:<br>lity Type:   | FS LIQU<br>FS Liqui<br>Single W<br>10/1/200<br>2001<br>9.5<br>NULL<br>1345<br>Steel<br>Coating | d Fuel Tank<br>ID FUEL TANK<br>d Fuel Tank<br>/all Horizontal AST | te Fuel Outlet - Se<br>NAVAN K4B ON ( | CA   | NULL<br>NULL<br>1<br>EA<br>Gasoline<br>NULL<br>NULL<br>NULL   |              |
| Owner Acco  | ount Name:   |  | MARCEL BRAZE  | AU TOP SOIL                           |  |   |              |
| <u>Liquid Fuel</u><br>Overfill Prot<br>Owner Acco   |  | NULL   | MARCEL BRAZE  | AU TOP SOIL                           |  |   |              |
| <u>52</u>   | 10 of 12   |  | SSE/161.5   | 79.0/-1.91                            | Enbridge Gas Distrib<br>3060 Navan Rd<br>Ottawa ON   | ution Inc.  | SPL          |
| Ref No:<br>Site No:<br>Incident Dt:<br>Year:<br>Incident Cau<br>Incident Eve<br>Contaminan<br>Contaminan<br>Contaminan<br>Contaminan<br>Contaminan<br>Receiving M<br>Receiving E<br>MOE Respo<br>Dt MOE Arv<br>MOE Report | use:<br>ent:<br>nt Code:<br>nt Name:<br>nt Limit 1:<br>nit Freq 1:<br>nt T No 1:<br>nt Impact:<br>npact:<br>dedium:<br>env:<br>nse:<br>nse:<br>1 on Scn: | 2256-AR<br>NA<br>10/2/201<br>Leak/Bre<br>35<br>NATURA<br>1075<br>Air<br>No<br>10/2/201         | 7<br>eak<br>AL GAS (METHANE                                       | )                                     | Discharger Report:<br>Material Group:<br>Health/Env Conseq:<br>Client Type:<br>Sector Type:<br>Agency Involved:<br>Nearest Watercourse:<br>Site Address:<br>Site District Office:<br>Site Postal Code:<br>Site Region:<br>Site Region:<br>Site Kegion:<br>Site Kegion:<br>Site Conc:<br>Northing:<br>Easting:<br>Site Geo Ref Accu:<br>Site Map Datum: | 2 - Minor Environment<br>Corporation<br>Miscellaneous Industrial<br>3060 Navan Rd<br>Ottawa<br>Eastern<br>Ottawa<br>5030941.21<br>459389.33 |              |
| Dt Documer<br>Incident Rea<br>Site Name:<br>Site County   | nt Closed:<br>ason:  |  | r/Human Error<br>Site of line strike<                             | UNOFFICIAL>                           | SAC Action Class:<br>Source Type:  | TSSA - Fuel Safety Branch - Hy<br>Release/Spill<br>Valve/Fitting/Piping   | drocarbon Fu |

| Map Key  | Number<br>Records  |   | Elev/Diff<br>n) (m) | Site  | DB   |
|--|--|---|---------------------|---|------|
| Site Geo Ref I<br>Incident Sumn<br>Contaminant (   | mary:  | TSSA FSB; 1" p<br>0 other - see inc   |                     |   |      |
| <u>52</u>  | 11 of 12   | SSE/161.5   | 79.0 / -1.91        | PIPELINE HIT 1"<br>3060 NAVAN RD,,ORLÉANS,ON,K1W 1E9,CA<br>ON   | PINC |
| Incident ID:<br>Incident No:<br>Incident Repo<br>Type:<br>Status Code:<br>Customer Acc<br>Incident Addre   | t Name:  | 2186506<br>11/6/2017<br>FS-Pipeline Incident<br>PIPELINE HIT 1"<br>3060 NAVAN RD,,ORLÉA<br>CA                     | NS,ON,K1W 1E9,      | Fuel Category:<br>Health Impact:<br>Environment Impact:<br>Property Damage:<br>Service Interupt:<br>Enforce Policy:<br>Public Relation:   |      |
| Tank Status:<br>Task No:<br>Spills Action (<br>Fuel Type:<br>Fuel Occurren<br>Date of Occur<br>Occurrence Si<br>Operation Typ<br>Pipeline Type:<br>Regulator Typ<br>Summary:<br>Reported By:<br>Affiliation:<br>Occurrence Do<br>Damage Reaso<br>Notes:  | nce Tp:<br>rence:<br>tart Dt:<br>be:<br>:<br>be:<br>esc:                                       | Non Mandated  |                     | Pipeline System:<br>Depth:<br>Pipe Material:<br>PSIG:<br>Attribute Category:<br>Regulator Location:<br>Method Details:  |      |
| <u>52</u>  | 12 of 12   | SSE/161.5   | 79.0 / -1.91        | PIPELINE HIT 1"<br>3060 NAVAN RD,,OTTAWA,ON,K1W 1E9,CA<br>ON  | PINC |
| Incident ID:<br>Incident No:<br>Incident Repo<br>Type:<br>Status Code:<br>Customer Acdre<br>Tank Status:<br>Task No:<br>Spills Action O<br>Fuel Type:<br>Fuel Occurren<br>Date of Occurr<br>Occurrence St<br>Operation Typ<br>Pipeline Type:<br>Regulator Typ<br>Summary:<br>Reported By:<br>Affiliation:<br>Occurrence Do<br>Damage Rease | et Name:<br>ess:<br>Centre:<br>Centre:<br>ince Tp:<br>rence:<br>tart Dt:<br>be:<br>ce:<br>esc: | 2165568<br>10/2/2017<br>FS-Pipeline Incident<br>PIPELINE HIT 1"<br>3060 NAVAN RD,,OTTAW<br>Pipeline Damage Reason |                     | Fuel Category:<br>Health Impact:<br>Environment Impact:<br>Property Damage:<br>Service Interupt:<br>Enforce Policy:<br>Public Relation:<br>Pipeline System:<br>Depth:<br>Pipe Material:<br>PSIG:<br>Attribute Category:<br>Regulator Location:<br>Method Details: |      |

| Map Key   | Number<br>Records    |  | Elev/Diff<br>(m)                       | Site  |  | DE             |
|---|----------------------|--|--|---|--|----------------|
| <u>53</u>   | 1 of 2               | SE/169.7                                     | 79.9 / -1.00                           | 6126 RENAUD ROA<br>GLOUCESTER ON I                                |  | HINC           |
| xternal File  | Num                  | FS INC 0701-0026                             | 32                                     |   |  |                |
| uel Occurre   |                      | Pipeline Strike                              | )2                                     |   |  |                |
| ate of Occul  | ••                   | 1/11/2007                                    |  |   |  |                |
| uel Type Inv  |                      | Natural Gas                                  |  |   |  |                |
| tatus Desc:   |                      | Complete                                     |  |   |  |                |
| ob Type Des   |                      | Incident/Near-Miss                           | s Occurrence (FS)                      |   |  |                |
| per. Type In  |                      | Construction Site                            |  |   |  |                |
| ervice Interi   |                      | No   |  |   |  |                |
| roperty Dan   | nage:                | No   |  |   |  |                |
| uel Life Cyc  |                      | Transmission, Dis                            | tribution and Transp                   | ortation  |  |                |
| oot Cause:  |                      |  |  |   |  |                |
| eported Det   | tails:               |  |  |   |  |                |
| uel Categor   |                      | Gaseous Fuel                                 |  |   |  |                |
| ccurrence 1   | Гуре:                | Incident                                     |  |   |  |                |
| ffiliation:   |                      | -  | ler (Licensee/Regis                    | tration/Certificate Holder,                                       | Facility Owner, etc.)                      |                |
| ounty Name  |                      | Ottawa                                       |  |   |  |                |
| pprox. Quai   |                      |  |  |   |  |                |
| earby body<br>nter Drainag  |                      |  |  |   |  |                |
| pprox. Quai   |                      |  |  |   |  |                |
| nvironment  |                      |  |  |   |  |                |
|   |                      |  |  |   |  |                |
| <u>53</u>   | 2 of 2               | SE/169.7                                     | 79.9 / -1.00                           | 6126 RENAUD ROA<br>GLOUCESTER ON I                                |  | HINC           |
| xternal File  | Num                  | FS INC 0701-0042                             | 10                                     |   |  |                |
| uel Occurre   |                      | Pipeline Strike                              |  |   |  |                |
| ate of Occu   |                      | 1/11/2007                                    |  |   |  |                |
| uel Type Inv  |                      | Natural Gas                                  |  |   |  |                |
| tatus Desc:   |                      | Completed - Caus                             | al Analysis(End)                       |   |  |                |
| ob Type Des   | sc:                  | Incident/Near-Miss                           | s Occurrence (FS)                      |   |  |                |
| per. Type In  |                      | Construction Site                            | (pipeline strike)                      |   |  |                |
| ervice Interi   |                      | Yes  |  |   |  |                |
| roperty Dan   | nage:                | Yes  |  |   |  |                |
| uel Life Cyc  | le Stage:            |  | tribution and Transp                   |   |  | Vee Testates   |
| oot Cause:  |                      |  | pment/Material/Com<br>nt:No Human Fact |   | No Maintenance:No Design                   | :Yes Training: |
| eported Det   |                      | -  |  |   |  |                |
| uel Categor   |                      | Gaseous Fuel                                 |  |   |  |                |
| ccurrence 1   | Гуре:                | Incident                                     |  |   |  |                |
| ffiliation:   |                      |  | der (Licensee/Regist                   | tration/Certificate Holder,                                       | Facility Owner, etc.)                      |                |
| ounty Name  |                      | Ottawa                                       |  |   |  |                |
| pprox. Quai   |                      |  |  |   |  |                |
| earby body  | of water:            |  |  |   |  |                |
|   | je syst.:            |  |  |   |  |                |
| nter Drainag  | nt llnit.            |  |  |   |  |                |
| nter Drainag<br>pprox. Quai   |                      |  |  |   |  |                |
| nter Drainag  |                      |  |  |   |  |                |
| nter Drainag<br>pprox. Quai   |                      | W/173.0                                      | 78.1 / -2.82                           | AECON CONSTRUC<br>LIMITED   | CTION ONTARIO EAST                         | EASF           |
| nter Drainag<br>pprox. Quai<br>nvironment   | al Impact:           | W/173.0                                      | 78.1 / -2.82                           |   | CTION ONTARIO EAST                         | EASF           |
| nter Drainag<br>pprox. Quai<br>nvironment<br><u>54</u><br>pproval No:                   | al Impact:<br>1 of 1 | R-009-8110705414                             | 78.1 / -2.82                           | LIMITED<br>ON<br>SWP Area Name:                                   | <b>CTION ONTARIO EAST</b><br>Rideau Valley | EASF           |
| nter Drainag<br>pprox. Quai<br>nvironment<br><u>54</u><br>pproval No:<br>tatus:         | al Impact:<br>1 of 1 | R-009-8110705414<br>REGISTERED               | 78.1 / -2.82                           | LIMITED<br>ON<br>SWP Area Name:<br>MOE District:                  |  | EASF           |
| nter Drainag<br>pprox. Quai<br>nvironment<br><u>54</u><br>pproval No:<br>tatus:<br>ate: | al Impact:<br>1 of 1 | R-009-8110705414<br>REGISTERED<br>2018-11-26 | 78.1 / -2.82                           | LIMITED<br>ON<br>SWP Area Name:<br>MOE District:<br>Municipality: | Rideau Valley<br>Ottawa                    | EASF           |
| nter Drainag<br>pprox. Quai<br>nvironment<br><u>54</u><br>pproval No:<br>tatus:         | al Impact:<br>1 of 1 | R-009-8110705414<br>REGISTERED               | 78.1 / -2.82                           | LIMITED<br>ON<br>SWP Area Name:<br>MOE District:                  | Rideau Valley                              | EASF           |

Order No: 21031000068

|   | Record  |   | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site  | DB  |
|---|---|---|----------------------------|------------------|---|---|
| Project Type:<br>Full Address<br>Approval Typ<br>Full PDF Link  | :<br>)e:  | Water Taking - Construction Dewatering<br>EASR-Water Taking - Construction<br>http://www.accessenvironment.ene. |                            |                  | ocument.action?documentRefID=2106805  |   |
| <u>55</u>   | 1 of 1  | SE  | E/179.2                    | 79.9/-1.00       | lot 6 con 4<br>ON   | WWIS  |
| Well ID:  |   | 1501528   |                            |                  | Data Entry Status:  |   |
| Construction  | Date:   | 1001020   |                            |                  | Data Src:   | 1   |
| Primary Wate  |   | Domestic  |                            |                  | Date Received:  | 7/6/1964  |
| Sec. Water U  |   | 0   |                            |                  | Selected Flag:  | Yes   |
| Final Well Sta  | atus:   | Water Supply  |                            |                  | Abandonment Rec:  |   |
| Water Type:   |   |   |                            |                  | Contractor:   | 1504  |
| Casing Mater  | rial:   |   |                            |                  | Form Version:   | 1   |
| Audit No:   |   |   |                            |                  | Owner:<br>Street Name:  |   |
| Tag:<br>Construction  | Method  |   |                            |                  | County:   | OTTAWA  |
| Elevation (m)   |   |   |                            |                  | Municipality:   | GLOUCESTER TOWNSHIP   |
| Elevation Rel   |   |   |                            |                  | Site Info:  |   |
| Depth to Bed  |   |   |                            |                  | Lot:  | 006   |
| Well Depth:   |   |   |                            |                  | Concession:   | 04  |
| Overburden/l  | Bedrock:  |   |                            |                  | Concession Name:  | OF  |
| Pump Rate:  | Lovali  |   |                            |                  | Easting NAD83:  |   |
| Static Water  <br>Flowing (Y/N,   |   |   |                            |                  | Northing NAD83:<br>Zone:  |   |
| Flow Rate:  |   |   |                            |                  | UTM Reliability:  |   |
| Clear/Cloudy  | :   |   |                            |                  | ·····,  |   |
| Bore Hole Inf   | ormation  |   |                            |                  |   |   |
| Bore Hole ID:   |   | 10023571  |                            |                  | Elevation:  | 77,499908   |
| Bore Hole ID:<br>DP2BR:   | :   | 10023571<br>84  |                            |                  | Elevation:<br>Elevrc:   | 77.499908   |
|   |   |   |                            |                  | Elevrc:<br>Zone:  | 18  |
| DP2BR:<br>Spatial Status<br>Code OB:  | s:  | 84<br>r   |                            |                  | Elevrc:<br>Zone:<br>East83:   | 18<br>459525.8  |
| DP2BR:<br>Spatial Status<br>Code OB:<br>Code OB Des   | s:  | 84  |                            |                  | Elevrc:<br>Zone:<br>East83:<br>North83:   | 18  |
| DP2BR:<br>Spatial Status<br>Code OB:<br>Code OB Des<br>Open Hole:   | s:<br>6C:   | 84<br>r   |                            |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:  | 18<br>459525.8<br>5030762   |
| DP2BR:<br>Spatial Status<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:  | s:<br>sc:   | 84<br>r<br>Bedrock  |                            |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:                                    | 18<br>459525.8<br>5030762<br>5                                    |
| DP2BR:<br>Spatial Status<br>Code OB:<br>Code OB Des<br>Open Hole:   | s:<br>sc:   | 84<br>r   |                            |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:  | 18<br>459525.8<br>5030762   |
| DP2BR:<br>Spatial Statu:<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:<br>Date Comple<br>Remarks:<br>Elevrc Desc:   | s:<br>sc:<br>ted:   | 84<br>r<br>Bedrock  |                            |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:                     | 18<br>459525.8<br>5030762<br>5<br>margin of error : 100 m - 300 m |
| DP2BR:<br>Spatial Statu:<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvement  | s:<br>ted:<br>trce Date:<br>t Location S  | 84<br>r<br>Bedrock<br>6/4/1964<br>Source:<br>Method:  |                            |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:                     | 18<br>459525.8<br>5030762<br>5<br>margin of error : 100 m - 300 m |
| DP2BR:<br>Spatial Statu:<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou   | s:<br>ted:<br>rce Date:<br>t Location 1<br>t Location 1<br>sion Comm  | 84<br>r<br>Bedrock<br>6/4/1964<br>Source:<br>Method:  |                            |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:                     | 18<br>459525.8<br>5030762<br>5<br>margin of error : 100 m - 300 m |
| DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvement<br>Source Revis<br>Supplier Con   | s:<br>sc:<br>ted:<br>trce Date:<br>t Location S<br>t Location S<br>sion Comm<br>nment:<br>and Bedroc                        | 84<br>r<br>Bedrock<br>6/4/1964<br>Source:<br>Method:<br>ent:  |                            |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:                     | 18<br>459525.8<br>5030762<br>5<br>margin of error : 100 m - 300 m |
| DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvement<br>Source Revis<br>Supplier Con<br><u>Overburden a</u><br><u>Materials Inte</u>   | s:<br>sc:<br>ted:<br>t Location S<br>t Location I<br>sion Comm<br>nment:<br>and Bedroc<br>erval                             | 84<br>r<br>Bedrock<br>6/4/1964<br>Source:<br>Method:<br>ent:  | 992079                     |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:                     | 18<br>459525.8<br>5030762<br>5<br>margin of error : 100 m - 300 m |
| DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvement<br>Source Revis<br>Supplier Con<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID   | s:<br>sc:<br>ted:<br>t Location S<br>t Location I<br>sion Comm<br>nment:<br>and Bedroc<br>erval                             | 84<br>r<br>Bedrock<br>6/4/1964<br>Source:<br>Method:<br>ent:  | 992079                     |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:                     | 18<br>459525.8<br>5030762<br>5<br>margin of error : 100 m - 300 m |
| DP2BR:<br>Spatial Statu:<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvement<br>Source Revis<br>Supplier Con<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID<br>Layer:<br>Color:  | s:<br>ted:<br>tcc Date:<br>t Location S<br>t Location I<br>sion Comm<br>nment:<br><u>and Bedroc</u><br>erval                | 84<br>r<br>Bedrock<br>6/4/1964<br>Source:<br>Method:<br>ent:<br>Ek  | 992079                     |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:                     | 18<br>459525.8<br>5030762<br>5<br>margin of error : 100 m - 300 m |
| DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvement<br>Source Revis<br>Supplier Con<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID<br>Layer:<br>Color:<br>General Colo   | s:<br>ted:<br>tcc Date:<br>t Location S<br>t Location I<br>sion Comm<br>nment:<br><u>and Bedroc</u><br>erval                | 84<br>r<br>Bedrock<br>6/4/1964<br>Source:<br>Method:<br>ent:<br>Sk<br>9300<br>3<br>2<br>GRE                     |                            |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:                     | 18<br>459525.8<br>5030762<br>5<br>margin of error : 100 m - 300 m |
| DP2BR:<br>Spatial Status<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvement<br>Source Revis<br>Supplier Con<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:   | s:<br>ted:<br>ted:<br>t Location S<br>t Location I<br>sion Comm<br>nment:<br>and Bedroc<br>erval<br>:                       | 84<br>r<br>Bedrock<br>6/4/1964<br>Source:<br>Method:<br>ent:<br>3<br>2<br>GRE<br>15                             | ΞY                         |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:                     | 18<br>459525.8<br>5030762<br>5<br>margin of error : 100 m - 300 m |
| DP2BR:<br>Spatial Status<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvement<br>Source Revis<br>Supplier Con<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo                                 | s:<br>ted:<br>ted:<br>t Location S<br>t Location I<br>sion Comm<br>nment:<br>and Bedroc<br>erval<br>:                       | 84<br>r<br>Bedrock<br>6/4/1964<br>Source:<br>Method:<br>ent:<br>3<br>2<br>GRE<br>15                             |                            |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:                     | 18<br>459525.8<br>5030762<br>5<br>margin of error : 100 m - 300 m |
| DP2BR:<br>Spatial Statu:<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvement<br>Source Revis<br>Supplier Con<br>Overburden a<br>Materials Inte<br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo<br>Mat2:                                      | s:<br>ted:<br>ted:<br>t Location S<br>t Location I<br>sion Comm<br>nment:<br>and Bedroc<br>erval<br>:                       | 84<br>r<br>Bedrock<br>6/4/1964<br>Source:<br>Method:<br>ent:<br>3<br>2<br>GRE<br>15                             | ΞY                         |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:                     | 18<br>459525.8<br>5030762<br>5<br>margin of error : 100 m - 300 m |
| DP2BR:<br>Spatial Status<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvement<br>Source Revis<br>Supplier Con<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo                                 | s:<br>ted:<br>ted:<br>t Location S<br>t Location I<br>sion Comm<br>nment:<br>and Bedroc<br>erval<br>:                       | 84<br>r<br>Bedrock<br>6/4/1964<br>Source:<br>Method:<br>ent:<br>3<br>2<br>GRE<br>15                             | ΞY                         |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:                     | 18<br>459525.8<br>5030762<br>5<br>margin of error : 100 m - 300 m |
| DP2BR:<br>Spatial Statu:<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sout<br>Improvement<br>Source Revis<br>Supplier Con<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo<br>Mat2:<br>Mat2 Desc:         | s:<br>ted:<br>ted:<br>t Location S<br>t Location I<br>sion Comm<br>nment:<br>and Bedroc<br>erval<br>:                       | 84<br>r<br>Bedrock<br>6/4/1964<br>Source:<br>Method:<br>ent:<br>3<br>2<br>GRE<br>15                             | ΞY                         |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:                     | 18<br>459525.8<br>5030762<br>5<br>margin of error : 100 m - 300 m |
| DP2BR:<br>Spatial Statu:<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvement<br>Source Revis<br>Supplier Con<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3: | s:<br>ted:<br>ted:<br>t Location S<br>t Location I<br>sion Comm<br>nment:<br>and Bedroc<br>erval<br>:                       | 84<br>r<br>Bedrock<br>6/4/1964<br>Source:<br>Method:<br>ent:<br>3<br>2<br>GRE<br>15                             | ΞY                         |                  | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:                     | 18<br>459525.8<br>5030762<br>5<br>margin of error : 100 m - 300 m |
| DP2BR:<br>Spatial Statu:<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind:<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvement<br>Source Revis<br>Supplier Con<br><u>Overburden a</u><br><u>Materials Inte</u><br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo<br>Mat2:<br>Mat2 Desc:<br>Mat3: | s:<br>ted:<br>ted:<br>t Location S<br>t Location I<br>ion Comm<br>nment:<br>and Bedrood<br>erval<br>:<br>r:<br>on Material: | 84<br>r<br>Bedrock<br>6/4/1964<br>Source:<br>Method:<br>ent:<br>930<br>3<br>2<br>GRE<br>15<br>LIMI              | ESTONE                     | rmation Servic   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:<br>Location Method: | 18<br>459525.8<br>5030762<br>5<br>margin of error : 100 m - 300 m |

| Мар Кеу                               | Number of<br>Records          | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------------------------------------|-------------------------------|----------------------------|------------------|------|----|
| Formation To<br>Formation E           | nd Depth:                     | 84<br>106                  |                  |      |    |
| Formation E                           | nd Depth UOM:                 | ft                         |                  |      |    |
| <u>Overburden a</u><br>Materials Inte | and Bedrock<br>erval          |                            |                  |      |    |
| Formation ID                          | ) <u>-</u>                    | 930992077                  |                  |      |    |
| Layer:<br>Color:                      |                               | 1                          |                  |      |    |
| General Colo<br>Mat1:                 | or:                           | 05                         |                  |      |    |
| Most Commo                            | on Material:                  | CLAY                       |                  |      |    |
| Mat2:<br>Mat2 Desc:                   |                               |                            |                  |      |    |
| Mat3:<br>Mat3 Decei                   |                               |                            |                  |      |    |
| Mat3 Desc:<br>Formation To            | op Depth:                     | 0                          |                  |      |    |
| Formation E                           |                               | 80<br>ft                   |                  |      |    |
| Formation El                          | па Берті ООМ:                 | п                          |                  |      |    |
| Overburden a<br>Materials Inte        | and Bedrock<br>erval          |                            |                  |      |    |
| Formation ID                          | ) <u>:</u>                    | 930992078                  |                  |      |    |
| Layer:<br>Color:                      |                               | 2                          |                  |      |    |
| General Colo                          | or:                           | 44                         |                  |      |    |
| Mat1:<br>Most Commo                   | on Material:                  | 11<br>GRAVEL               |                  |      |    |
| Mat2:<br>Mat2 Desc:                   |                               |                            |                  |      |    |
| Mat2 Desc.<br>Mat3:                   |                               |                            |                  |      |    |
| Mat3 Desc:<br>Formation To            | on Denth:                     | 80                         |                  |      |    |
| Formation E                           | nd Depth:                     | 84                         |                  |      |    |
| Formation E                           | nd Depth UOM:                 | ft                         |                  |      |    |
| <u>Method of Co</u><br><u>Use</u>     | onstruction & Well            |                            |                  |      |    |
| Method Cons                           |                               | 961501528                  |                  |      |    |
| Method Cons<br>Method Cons            | struction Code:<br>struction: | 7<br>Diamond               |                  |      |    |
| Other Metho                           | d Construction:               |                            |                  |      |    |
| <u>Pipe Informa</u>                   | <u>tion</u>                   |                            |                  |      |    |
| Pipe ID:                              |                               | 10572141                   |                  |      |    |
| Casing No:<br>Comment:                |                               | 1                          |                  |      |    |
| Alt Name:                             |                               |                            |                  |      |    |
| Construction                          | n Record - Casing             |                            |                  |      |    |
| Casing ID:                            |                               | 930040002                  |                  |      |    |
| Layer:<br>Material:                   |                               | 2<br>4                     |                  |      |    |
| Open Hole of                          |                               | OPEN HOLE                  |                  |      |    |
| Depth From:<br>Depth To:              |                               | 106                        |                  |      |    |
| Casing Diam                           | eter:                         | 2                          |                  |      |    |
|                                       |                               |                            |                  |      |    |

| Map Key                       | Number o<br>Records          | f Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                        |                     | DB   |
|-------------------------------|------------------------------|------------------------------|------------------|-----------------------------|---------------------|------|
| Casing Diam<br>Casing Depth   |                              | inch<br>ft                   |                  |                             |                     |      |
| <u>Construction</u>           | Record - Cas                 | sing                         |                  |                             |                     |      |
| Casing ID:                    |                              | 930040001                    |                  |                             |                     |      |
| Layer:                        |                              | 1                            |                  |                             |                     |      |
| Material:<br>Open Hole or     | Matarial                     | 1<br>STEEL                   |                  |                             |                     |      |
| Depth From:                   | wateriar.                    | SILLL                        |                  |                             |                     |      |
| Depth To:                     |                              | 89                           |                  |                             |                     |      |
| Casing Diam                   |                              | 2                            |                  |                             |                     |      |
| Casing Diam<br>Casing Depth   |                              | inch<br>ft                   |                  |                             |                     |      |
| Results of W                  | ell Yield Testi              | ng                           |                  |                             |                     |      |
| Pump Test ID                  | ) <u>;</u>                   | 991501528                    |                  |                             |                     |      |
| Pump Set At:                  |                              |                              |                  |                             |                     |      |
| Static Level:                 | ftan Dumminan                | 12                           |                  |                             |                     |      |
|                               | fter Pumping:<br>ed Pump Dep |                              |                  |                             |                     |      |
| Pumping Rat                   |                              | 10                           |                  |                             |                     |      |
| Flowing Rate                  | e:                           | _                            |                  |                             |                     |      |
| Recommende<br>Levels UOM:     | ed Pump Rate                 | e: 6<br>ft                   |                  |                             |                     |      |
| Rate UOM:                     |                              | GPM                          |                  |                             |                     |      |
|                               | After Test Coo               |                              |                  |                             |                     |      |
| Water State A                 |                              | CLEAR                        |                  |                             |                     |      |
| Pumping Tes<br>Pumping Dur    |                              | 1<br>2                       |                  |                             |                     |      |
| Pumping Dur                   |                              | 0                            |                  |                             |                     |      |
| Flowing:                      |                              | No                           |                  |                             |                     |      |
| Water Details                 | i                            |                              |                  |                             |                     |      |
| Water ID:                     |                              | 933454238                    |                  |                             |                     |      |
| Layer:                        |                              | 1                            |                  |                             |                     |      |
| Kind Code:                    |                              | 1                            |                  |                             |                     |      |
| Kind:<br>Water Found          | Denth:                       | FRESH<br>106                 |                  |                             |                     |      |
| Water Found                   |                              | ft                           |                  |                             |                     |      |
| 56                            | 1 of 1                       | SE/181.3                     | 79.8 / -1.05     | 6102 RENARD ST              |                     |      |
| _                             |                              |                              |                  | OTTAWA ON                   |                     | WWIS |
| Well ID:                      |                              | 300714                       |                  | Data Entry Status:          |                     |      |
| Construction<br>Primary Wate  |                              | est Hole                     |                  | Data Src:<br>Date Received: | 12/5/2017           |      |
| Sec. Water U                  |                              | Ionitoring                   |                  | Selected Flag:              | Yes                 |      |
| Final Well Sta                |                              | est Hole                     |                  | Abandonment Rec:            |                     |      |
| Water Type:                   |                              |                              |                  | Contractor:                 | 7241                |      |
| Casing Mater<br>Audit No:     |                              | 263680                       |                  | Form Version:<br>Owner:     | 7                   |      |
| Audit No:<br>Tag:             |                              | 189878                       |                  | Street Name:                | 6102 RENARD ST      |      |
| Construction                  | Method:                      |                              |                  | County:                     | OTTAWA              |      |
| Elevation (m)                 |                              |                              |                  | Municipality:               | GLOUCESTER TOWNSHIP |      |
| Elevation Rel<br>Depth to Bed |                              |                              |                  | Site Info:<br>Lot:          |                     |      |
| Well Depth:                   |                              |                              |                  | Concession:                 |                     |      |
| Overburden/I                  | Bedrock:                     |                              |                  | Concession Name:            |                     |      |
| Pump Rate:                    |                              |                              |                  | Easting NAD83:              |                     |      |

| Мар Кеу  | Number of<br>Records                      | Direction/<br>Distance (m)   | Elev/Diff<br>(m) | Site   |  | DB     |
|--|---|--|------------------|--|--|--------|
| Static Water L<br>Flowing (Y/N):<br>Flow Rate:<br>Clear/Cloudy:  |   |  |                  | Northing NAD83:<br>Zone:<br>UTM Reliability:                               |  |        |
| PDF URL (Maj   | o):                                       |  |                  |  |  |        |
| Bore Hole Info   | ormation                                  |  |                  |  |  |        |
| Bore Hole ID:<br>DP2BR:<br>Spatial Status<br>Code OB:<br>Code OB Dese<br>Open Hole:<br>Cluster Kind:   | c:  | 21   |                  | Elevation:<br>Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC: | 77.790771<br>18<br>459471<br>5030754<br>UTM83<br>4 |        |
|  |   |  |                  | UTMRC Desc:<br>Location Method:  | margin of error : 30 m - 100 m<br>wwr              |        |
| Source Revisi<br>Supplier Com  |   |  |                  |  |  |        |
| <u>Overburden a</u><br><u>Materials Inter</u>  |   |  |                  |  |  |        |
| Formation ID:<br>Layer:<br>Color:<br>General Color<br>Mat1:<br>Most Common<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation Top<br>Formation Ence                                  | r:<br>n Material:<br>0 Depth:<br>d Depth: | 1007045531<br>3<br>2<br>GREY<br>05<br>CLAY<br>06<br>SILT<br>35<br>SOFT<br>5<br>12      |                  |  |  |        |
| Formation Ene<br><u>Overburden a</u><br><u>Materials Inter</u>   | nd Bedrock                                | ı  |                  |  |  |        |
| Formation ID:<br>Layer:<br>Color:<br>General Color<br>Mat1:<br>Most Common<br>Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:<br>Formation End<br>Formation End<br>Formation End<br>Formation End | c Depth:<br>d Depth UOM:                  | 1007045530<br>2<br>3<br>BROWN<br>05<br>CLAY<br>06<br>SILT<br>35<br>SOFT<br>1<br>5<br>t |                  |  |  |        |
| Materials Inter  |   |  |                  |  |  |        |
| 120  | erisinfo.com   Enviro                     | nmental Risk Info  | rmation Service  | S  | Order No: 210310                                   | 000068 |

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|   | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---|----------------------|----------------------------|------------------|------|----|
| Formation ID:                           |                      | 1007045529                 |                  |      |    |
| Layer:                                  |                      | 1                          |                  |      |    |
| Color:                                  |                      | 2                          |                  |      |    |
| General Color:                          |                      | GREY                       |                  |      |    |
| Mat1:<br>Most Common                    | Matarial             | 11<br>GRAVEL               |                  |      |    |
| Mat2:                                   | waterial.            | GRAVEL                     |                  |      |    |
| Mat2 Desc:                              |                      |                            |                  |      |    |
| Mat2: Dese.                             |                      | 73                         |                  |      |    |
| Mat3 Desc:                              |                      | HARD                       |                  |      |    |
| Formation Top                           | Depth:               | 0                          |                  |      |    |
| Formation End                           | Depth:               | 1                          |                  |      |    |
| Formation End                           | Depth UOM:           | ft                         |                  |      |    |
| Annular Space/<br>Sealing Record        | Abandonment          |                            |                  |      |    |
| Plug ID:                                |                      | 1007045539                 |                  |      |    |
| Layer:                                  |                      | 1                          |                  |      |    |
| Plug From:                              |                      | 0                          |                  |      |    |
| Plug To:                                |                      | 1                          |                  |      |    |
| Plug Depth UO                           | И:                   | ft                         |                  |      |    |
| <u>Annular Space/</u><br>Sealing Record |                      |                            |                  |      |    |
| Plug ID:                                |                      | 1007045540                 |                  |      |    |
| Layer:                                  |                      | 2                          |                  |      |    |
| Plug From:                              |                      | 1                          |                  |      |    |
| Plug To:                                |                      | 4                          |                  |      |    |
| Plug Depth UO                           | И:                   | ft                         |                  |      |    |
| <u>Annular Space/</u><br>Sealing Record |                      |                            |                  |      |    |
| Plug ID:                                |                      | 1007045541                 |                  |      |    |
| Layer:                                  |                      | 3                          |                  |      |    |
| Plug From:                              |                      | 4                          |                  |      |    |
| Plug To:                                |                      | 12                         |                  |      |    |
| Plug Depth UO                           | И:                   | ft                         |                  |      |    |
| <u>Method of Cons</u><br><u>Use</u>     | struction & Well     |                            |                  |      |    |
| Mathed Company                          | uction ID-           | 1007045500                 |                  |      |    |
| Method Constru<br>Method Constru        |                      | 1007045538<br>D            |                  |      |    |
| Method Constru<br>Method Constru        |                      | D<br>Direct Push           |                  |      |    |
| Other Method C                          |                      | Direct rush                |                  |      |    |
| Pipe Informatio                         | <u>n</u>             |                            |                  |      |    |
| Pine ID:                                |                      | 1007045529                 |                  |      |    |
| Pipe ID:<br>Casing No:                  |                      | 1007045528<br>0            |                  |      |    |
| Comment:                                |                      | 0                          |                  |      |    |
| Alt Name:                               |                      |                            |                  |      |    |
| Construction R                          | ecord - Casing       |                            |                  |      |    |
| Casing ID:                              |                      | 1007045534                 |                  |      |    |
| Layer:                                  |                      | 1                          |                  |      |    |
| Material:                               |                      | 5                          |                  |      |    |
|   |                      |                            |                  |      |    |

| Мар Кеу   | Number<br>Records                     |                            | Elev/Diff<br>(m) | Site                                     |                        | DB  |
|---|---------------------------------------|----------------------------|------------------|--|------------------------|-----|
| Open Hole or  | Material:                             | PLASTIC                    |                  |  |                        |     |
| Depth From:   |                                       | 0                          |                  |  |                        |     |
| Depth To:   |                                       | 5                          |                  |  |                        |     |
| Casing Diame  |                                       | 1.38                       |                  |  |                        |     |
| Casing Diame  |                                       | inch                       |                  |  |                        |     |
| Casing Depth  | n UOM:                                | ft                         |                  |  |                        |     |
| <b>Construction</b>   | Record - S                            | creen                      |                  |  |                        |     |
| Screen ID:  |                                       | 1007045535                 |                  |  |                        |     |
| Layer:  |                                       | 1                          |                  |  |                        |     |
| Slot:   |                                       | 10                         |                  |  |                        |     |
| Screen Top D  |                                       | 5                          |                  |  |                        |     |
| Screen End D  | -                                     | 12                         |                  |  |                        |     |
| Screen Mater  |                                       | 5<br>ft                    |                  |  |                        |     |
| Screen Depth<br>Screen Diame  |                                       | inch                       |                  |  |                        |     |
| Screen Diame  |                                       | 1.66                       |                  |  |                        |     |
| Screen Diame  | eler.                                 | 1.00                       |                  |  |                        |     |
| Water Details   | i                                     |                            |                  |  |                        |     |
| Water ID:   |                                       | 1007045533                 |                  |  |                        |     |
| Layer:  |                                       |                            |                  |  |                        |     |
| Kind Code:  |                                       |                            |                  |  |                        |     |
| Kind:   |                                       |                            |                  |  |                        |     |
| Water Found   |                                       |                            |                  |  |                        |     |
| Water Found   | Depth UON                             | <b>1:</b> ft               |                  |  |                        |     |
| Hole Diamete  | <u>er</u>                             |                            |                  |  |                        |     |
| Hole ID:  |                                       | 1007045532                 |                  |  |                        |     |
| Diameter:   |                                       |                            |                  |  |                        |     |
| Depth From:   |                                       | 0                          |                  |  |                        |     |
| Depth To:   |                                       | 12                         |                  |  |                        |     |
| Hole Depth U<br>Hole Diamete  |                                       | ft<br>inch                 |                  |  |                        |     |
|   |                                       | inch                       |                  |  |                        |     |
| <u>57</u>   | 1 of 1                                | ESE/188.3                  | 80.9 / 0.00      | Renaud Rd and Nava<br>Ottawa ON          | n Rd                   | SPL |
| Ref No:   |                                       | 7246-8UXM48                |                  | Discharger Report:                       |                        |     |
| Site No:  |                                       | 04 11 11 1 40              |                  | Material Group:                          |                        |     |
| Incident Dt:  |                                       | 04-JUN-12                  |                  | Health/Env Conseq:                       |                        |     |
| Year:   |                                       |                            |                  | Client Type:                             |                        |     |
| Incident Caus<br>Incident Ever  |                                       |                            |                  | Sector Type:                             |                        |     |
| Contaminant   |                                       | 13                         |                  | Agency Involved:<br>Nearest Watercourse: |                        |     |
| Contaminant   |                                       | DIESEL FUEL                |                  | Site Address:                            | Renaud Rd and Navan Rd |     |
| Contaminant   |                                       |                            |                  | Site District Office:                    |                        |     |
| Contam Limit  |                                       |                            |                  | Site Postal Code:                        |                        |     |
| Contaminant   |                                       |                            |                  | Site Region:                             |                        |     |
| Environment   | Impact:                               | Not Anticipated            |                  | Site Municipality:                       | Ottawa                 |     |
| Nature of Imp   |                                       |                            |                  | Site Lot:                                |                        |     |
|   |                                       | Sewage - Municipal/Private | and Commercial   | Site Conc:                               |                        |     |
|   | IV:                                   | Discussed Field D          |                  | Northing:                                |                        |     |
| Receiving Me<br>Receiving En  |                                       |                            |                  | Easting:                                 |                        |     |
| Receiving En<br>MOE Respon  | se:                                   | Planned Field Response     |                  |  |                        |     |
| Receiving En<br>MOE Respon<br>Dt MOE Arvl                               | se:<br>on Scn:                        | 05-JUN-12                  |                  | Site Geo Ref Accu:                       |                        |     |
| Receiving En<br>MOE Respon<br>Dt MOE Arvl o<br>MOE Reporte              | se:<br>on Scn:<br>ed Dt:              |                            |                  | Site Map Datum:                          | Land Snills            |     |
| Receiving En<br>MOE Respon<br>Dt MOE Arvi<br>MOE Reporte<br>Dt Document | se:<br>on Scn:<br>ed Dt:<br>t Closed: | 05-JUN-12                  |                  | Site Map Datum:<br>SAC Action Class:     | Land Spills            |     |
| Receiving En<br>MOE Respon<br>Dt MOE Arvl o<br>MOE Reporte              | se:<br>on Scn:<br>ed Dt:<br>t Closed: | 05-JUN-12                  | CIAL>            | Site Map Datum:                          | Land Spills            |     |

| Map Key  | Number<br>Records     |                            |                       | Site   |                     | DB   |
|--|-----------------------|----------------------------|-----------------------|--|---------------------|------|
| Site Geo Rei<br>Incident Sun<br>Contaminan     | nmary:                | MVA: TT 265L               | DSL to ditch          |  |                     |      |
| <u>58</u>                                      | 1 of 1                | ESE/188.3                  | 80.9/0.00             | Navan Rd Renaud Rd<br>Ottawa ON                                    |                     | EHS  |
| Order No:<br>Status:                           |                       | 20131111003<br>C           |                       | Nearest Intersection:<br>Municipality:                             |                     |      |
| Report Type                                    |                       | C<br>Custom Report         |                       | Client Prov/State:   | ON                  |      |
| Report Date.                                   |                       | 19-NOV-13                  |                       | Search Radius (km):  | .25                 |      |
| Date Receive                                   |                       | 11-NOV-13                  |                       | X:   | -75.513565          |      |
| Previous Sit                                   | e Name:               |                            |                       | Y:   | 45.43005            |      |
| Lot/Building<br>Additional Ir                  | Size:<br>nfo Ordered. | Fire Insur. Map            | os and/or Site Plans; | City Directory   |                     |      |
| <u>59</u>                                      | 1 of 1                | SE/193.1                   | 79.9/-1.00            | Orleans Printers Ltd.<br>6102 Renaud Rd Unit<br>Orleans ON K1W 1E9 | 1                   | SCT  |
| Established:                                   | •                     | 1986                       |                       |  |                     |      |
| Plant Size (fi                                 |                       | 2000                       |                       |  |                     |      |
| Employment                                     |                       | 4                          |                       |  |                     |      |
| <u>-Details</u><br>Description:<br>SIC/NAICS C |                       | Quick Printing<br>323114   |                       |  |                     |      |
| Description:<br>SIC/NAICS C                    |                       | Digital Printing<br>323115 |                       |  |                     |      |
| Description:<br>SIC/NAICS C                    |                       | Other Printing 323119      |                       |  |                     |      |
| Description:<br>SIC/NAICS (                    |                       | Support Activit<br>323120  | ies for Printing      |  |                     |      |
| <u>60</u>                                      | 1 of 1                | SE/204.0                   | 79.8/-1.05            | lot 6 con 4<br>ON  |                     | WWIS |
| Well ID:                                       |                       | 1501529                    |                       | Data Entry Status:   |                     |      |
| Construction                                   | n Date:               | 1001020                    |                       | Data Src:  | 1                   |      |
| Primary Wat                                    |                       | Domestic                   |                       | Date Received:   | 11/30/1965          |      |
| Sec. Water L                                   |                       | 0                          |                       | Selected Flag:   | Yes                 |      |
| Final Well St                                  |                       | Water Supply               |                       | Abandonment Rec:   | 4504                |      |
| Nater Type:                                    |                       |                            |                       | Contractor:  | 1504                |      |
| Casing Mate                                    | erial:                |                            |                       | Form Version:<br>Owner:  | 1                   |      |
| Audit No:<br>Tag:                              |                       |                            |                       | Street Name:   |                     |      |
| ay.<br>Constructio                             | n Method:             |                            |                       | County:  | ΟΤΤΑΨΑ              |      |
| Elevation (m                                   |                       |                            |                       | Municipality:  | GLOUCESTER TOWNSHIP |      |
| Elevation Re                                   |                       |                            |                       | Site Info:   |                     |      |
| Depth to Bee                                   |                       |                            |                       | Lot:   | 006                 |      |
| Well Depth:                                    | <u> </u>              |                            |                       | Concession:  | 04                  |      |
| Overburden/                                    | /Bedrock:             |                            |                       | Concession Name:   | OF                  |      |
| Pump Rate:                                     | Lovali                |                            |                       | Easting NAD83:   |                     |      |
| Static Water<br>Flowing (Y/N                   |                       |                            |                       | Northing NAD83:<br>Zone:   |                     |      |
| Flow Rate:                                     | ·/·                   |                            |                       | UTM Reliability:   |                     |      |
| Clear/Cloudy                                   | v-                    |                            |                       | · ····································                             |                     |      |

Clear/Cloudy:

| Мар Кеу | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site |  |
|---------|----------------------|----------------------------|------------------|------|--|
|         |                      |                            |                  |      |  |

#### PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/150\1501529.pdf

#### Bore Hole Information

| Bore Hole ID:<br>DP2BR:               | 10023572<br>92 | Elevation:<br>Elevrc: | 77.348266                       |
|---------------------------------------|----------------|-----------------------|---------------------------------|
| Spatial Status:                       |                | Zone:                 | 18                              |
| Code OB:                              | r              | East83:               | 459460.8                        |
| Code OB Desc:                         | Bedrock        | North83:              | 5030732                         |
| Open Hole:                            |                | Org CS:               |                                 |
| Cluster Kind:                         |                | UTMRC:                | 5                               |
| Date Completed:                       | 10/1/1965      | UTMRC Desc:           | margin of error : 100 m - 300 m |
| Remarks:                              |                | Location Method:      | p5                              |
| Elevrc Desc:<br>Location Source Date: |                |                       |                                 |

#### Overburden and Bedrock Materials Interval

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

| Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3: | 930992080<br>1<br>3<br>BLUE<br>05<br>CLAY |
|---|---|
| Mat3 Desc:<br>Formation Top Depth:<br>Formation End Depth:<br>Formation End Depth UOM:                                | 0<br>92<br>ft                             |

## Overburden and Bedrock

<u>Materials Interval</u>

| Formation ID:<br>Layer:<br>Color:<br>General Color:<br>Mat1:<br>Most Common Material:<br>Mat2:<br>Mat2 Desc:<br>Mat3: | 930992081<br>2<br>6<br>BROWN<br>17<br>SHALE |
|---|---|
| <i>Mat3 Desc:<br/>Formation Top Depth:<br/>Formation End Depth:<br/>Formation End Depth UOM:</i>                      | 92<br>107<br>ft                             |

#### Method of Construction & Well Use

| Method Construction ID:    | 961501529 |
|----------------------------|-----------|
| Method Construction Code:  | 7         |
| Method Construction:       | Diamond   |
| Other Method Construction: |           |

DB

#### Pipe Information

| Pipe ID:   | 10572142 |
|------------|----------|
| Casing No: | 1        |
| Comment:   |          |
| Alt Name:  |          |

#### Construction Record - Casing

| Casing ID:<br>Layer:<br>Material:     | 930040003<br>1<br>1 |
|---------------------------------------|---------------------|
| Open Hole or Material:<br>Depth From: | STEEL               |
| Depth To:                             | 95                  |
| Casing Diameter:                      | 2                   |
| Casing Diameter UOM:                  | inch                |
| Casing Depth UOM:                     | ft                  |

#### Construction Record - Casing

| Casing ID:<br>Layer:<br>Material:     | 930040004<br>2<br>4 |
|---------------------------------------|---------------------|
| Open Hole or Material:<br>Depth From: | OPEN HOLE           |
| Depth To:                             | 107                 |
| Casing Diameter:                      | 2                   |
| Casing Diameter UOM:                  | inch                |
| Casing Depth UOM:                     | ft                  |

### Results of Well Yield Testing

| Pump Test ID:                 | 991501529 |
|-------------------------------|-----------|
| Pump Set At:<br>Static Level: | 20        |
| Final Level After Pumping:    | 25        |
| Recommended Pump Depth:       | 30        |
| Pumping Rate:                 | 8         |
| Flowing Rate:                 |           |
| Recommended Pump Rate:        | 6         |
| 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:         | 30        |
| Flowing:                      | No        |

#### Water Details

| Water ID:                                    | 933454239<br>1 |
|--|----------------|
| Layer:<br>Kind Code:                         | 1              |
| Kind:  | FRESH          |
| Water Found Depth:<br>Water Found Depth UOM: | 107<br>ft      |
| water i ound Depth OOM.                      | 11             |

| Map Key Number<br>Records  |  |   | Elev/Diff<br>) (m)   | Site   |                                      | DB  |
|--|--|---|--|--|--------------------------------------|-----|
| <u>61</u> 1 of 1   |  | SE/210.8  | 79.1 / -1.77   | 6102 Renaud Rd<br>Ottawa ON K1W1E9   |                                      | EHS |
| Order No:<br>Status:<br>Report Type<br>Report Date<br>Date Receiv<br>Previous Sit<br>Lot/Building  | :<br>red:<br>te Name:<br>y Size:   | 20170821065<br>C<br>Standard Report<br>28-AUG-17<br>21-AUG-17 |  | Nearest Intersection:<br>Municipality:<br>Client Prov/State:<br>Search Radius (km):<br>X:<br>Y:  | ON<br>.25<br>-75.518108<br>45.428868 |     |
| Additional li  | nfo Ordered:   | City Directory  |  |  |                                      |     |
| <u>62</u>  | 1 of 3   | SSE/225.2   | 77.9 / -2.97   | Enbridge Gas Distrib<br>6071 renaud Road, Ol<br>Ottawa ON K1C 7G4  |                                      | SPL |
| Ref No:<br>Site No:<br>Incident Dt:<br>Year:<br>Incident Cau<br>Incident Eve<br>Contaminan<br>Contaminan<br>Contaminan<br>Contaminan<br>Environmen<br>Nature of Im<br>Receiving E<br>MOE Respo | ent:<br>at Code:<br>at Name:<br>at Limit 1:<br>at UN No 1:<br>at Impact:<br>apact:<br>fedium:<br>any:<br>nse:      | 3767-86WMPR<br>Possible<br>Referral to others                 |  | Discharger Report:<br>Material Group:<br>Health/Env Conseq:<br>Client Type:<br>Sector Type:<br>Agency Involved:<br>Nearest Watercourse:<br>Site Address:<br>Site District Office:<br>Site Postal Code:<br>Site Region:<br>Site Region:<br>Site Municipality:<br>Site Lot:<br>Site Conc:<br>Northing:<br>Easting:<br>Site Conc Bef Agents |                                      |     |
| Dt MOE Arv.<br>MOE Report<br>Dt Documer<br>Incident Rea  | ted Dt:<br>nt Closed:  | 6/30/2010<br>7/12/2010  |  | Site Geo Ref Accu:<br>Site Map Datum:<br>SAC Action Class:<br>Source Type:   | TSSA - Fuel Safety Branch            |     |
| Site Name:<br>Site County,<br>Site Geo Re<br>Incident Sui  | f Meth:<br>mmary:  |   | id, Orleans <unoff< td=""><td></td><td></td><td></td></unoff<> |  |                                      |     |
| Contaminan   | nt Qty:  |   |  |  |                                      |     |
| <u>62</u>  | 2 of 3   | SSE/225.2   | 77.9 / -2.97   | Enbridge Gas Distribu<br>6071 renaud Road, Ol<br>Ottawa ON K1C 7G4   |                                      | SPL |
| Ref No:<br>Site No:<br>Incident Dt:<br>Year:<br>Incident Cau<br>Incident Eve<br>Contaminan<br>Contaminan<br>Contaminan<br>Contaminan<br>Environmen<br>Nature of Im<br>Receiving M              | use:<br>ent:<br>et Code:<br>et Name:<br>et Limit 1:<br>et Impat:<br>et UN No 1:<br>et Impact:<br>npact:<br>ledium: | 3767-86WMPR<br>Possible                                       |  | Discharger Report:<br>Material Group:<br>Health/Env Conseq:<br>Client Type:<br>Sector Type:<br>Agency Involved:<br>Nearest Watercourse:<br>Site Address:<br>Site District Office:<br>Site Postal Code:<br>Site Region:<br>Site Region:<br>Site Municipality:<br>Site Lot:<br>Site Conc:  |                                      |     |
| Receiving Env:<br>MOE Response:  |  | Referral to others  |  | Northing:<br>Easting:  |                                      |     |

erisinfo.com | Environmental Risk Information Services

Order No: 21031000068

| Map Key   | Number<br>Records                     |                        | Direction/<br>Distance (m)                   | Elev/Diff<br>(m)  | Site  |  | DE            |
|---|---------------------------------------|------------------------|--|---|---|--|---------------|
| Dt MOE Arvl o<br>MOE Reporte<br>Dt Document<br>Incident Reas<br>Site Name:<br>Site County/E | d Dt:<br>Closed:<br>son:<br>District: | 6/30/2010<br>7/12/2010 | 6071 renaud Road                             | Orleans <unoff< th=""><th>Site Geo Ref Accu:<br/>Site Map Datum:<br/>SAC Action Class:<br/>Source Type:<br/>FICIAL&gt;</th><th>TSSA - Fuel Safety Branch</th><th></th></unoff<> | Site Geo Ref Accu:<br>Site Map Datum:<br>SAC Action Class:<br>Source Type:<br>FICIAL> | TSSA - Fuel Safety Branch                |               |
| Site Geo Ref I<br>Incident Sum<br>Contaminant   | mary:                                 | F                      | Pipeline stke, 4 inc                         | h plstic main, EG   | to make safe  |  |               |
| <u>62</u>   | 3 of 3                                |                        | SSE/225.2                                    | 77.9 / -2.97  | 6071 Renaud Road, O<br>ON K1C 7G4   | rleans                                   | INC           |
| Incident No:  |                                       | 416666                 |  |   | Any Health Impact:  |  |               |
| Incident ID:  |                                       | 2568366                |  |   | Any Enviro Impact:  |  |               |
| Instance No:  |                                       |                        |  |   | Service Interrupted:  |  |               |
| Status Code:  |                                       |                        | alysis Complete                              |   | Was Prop Damaged:   |  |               |
| Attribute Cate  | egory:                                | FS-Inciden             | t  |   | Reside App. Type:   |  |               |
| Context:<br>Date of Occu  |                                       |                        |  |   | Commer App. Type:   |  |               |
| Time of Occu  |                                       |                        |  |   | Indus App. Type:<br>Institut App. Type:   |  |               |
| Incident Crea   |                                       |                        |  |   | Venting Type:   |  |               |
| Instance Crea   |                                       |                        |  |   | Vent Conn Mater:  |  |               |
| Instance Insta  | all Dt:                               |                        |  |   | Vent Chimney Mater:   |  |               |
| Occur Insp St   |                                       |                        |  |   | Pipeline Type:  | Main Distribution Pipeline               |               |
| Approx Quan   |                                       |                        |  |   | Pipeline Involved:  |  |               |
| Tank Capacit  |                                       |                        |  |   | Pipe Material:  | Plastic                                  |               |
| Fuels Occur 1<br>Fuel Type Inv  |                                       |                        |  |   | Depth Ground Cover:<br>Regulator Location:  | .7m                                      |               |
| Enforcement   |                                       |                        |  |   | Regulator Type:   |  |               |
| Prc Escalatio   | •                                     |                        |  |   | Operation Pressure:   | IP                                       |               |
| Tank Material   | •                                     |                        |  |   | Liquid Prop Make:   |  |               |
| Tank Storage  | Type:                                 |                        |  |   | Liquid Prop Model:  |  |               |
| Tank Location   |                                       |                        |  |   | Liquid Prop Serial No:  |  |               |
| Pump Flow R   | ate Cap:                              |                        |  |   | Liquid Prop Notes:  |  |               |
| Task No:<br>Notes:  |                                       |                        |  |   | Equipment Type:<br>Equipment Model:   |  |               |
| Notes:<br>Drainage Sys  | tom.                                  |                        |  |   | Serial No:  |  |               |
| Sub Surface (   |                                       |                        |  |   | Cylinder Capacity:  |  |               |
| Aff Prop Use  |                                       |                        |  |   | Cylinder Cap Units:   |  |               |
| Contam. Migr  |                                       |                        |  |   | Cylinder Mat Type:  |  |               |
| Contact Natu  |                                       |                        |  |   | Near Body of Water:   |  |               |
| Incident Loca   |                                       |                        | 6071 Renaud Road                             |   |   |  |               |
| Occurence Na<br>Operation Tyj   |                                       | l                      | I" line not identified<br>ine and dug withou |   | e, excavation companies failed  | d to call to clarify locate upon finding | g in active 2 |
| Item:   |                                       | -                      |  |   |   |  |               |
| Item Descript   |                                       |                        |  |   |   |  |               |
| Device Install  | ed Location                           | n:                     |  |   |   |  |               |
| <u>63</u>   | 1 of 1                                |                        | NW/226.8                                     | 80.9 / 0.00   | MINTO DEVELOPMEN<br>CASTLE PINES WAY/<br>GLOUCESTER CITY C                            | AUBURN RIDGE                             | CA            |
| Certificate #:  |                                       | -                      | 7-0575-94-                                   |   |   |  |               |
| Application Y   | ear:                                  |                        | )4   |   |   |  |               |
| Issue Date:   |                                       |                        | 7/11/1994                                    |   |   |  |               |
| Approval Typ  | e:                                    |                        | Junicipal water                              |   |   |  |               |
| Status:   |                                       | ŀ                      | Approved                                     |   |   |  |               |
| Application T   | ype:                                  |                        |  |   |   |  |               |
| Client Name:  |                                       |                        |  |   |   |  |               |
| Client Addres   |                                       |                        |  |   |   |  |               |

|  | Number<br>Records   |   | Direction/<br>Distance (m)         | Elev/Diff<br>(m)  | Site  |   | DE  |
|--|---|---|------------------------------------|-------------------|---|---|-----|
| Client City:   |   |   |                                    |                   |   |   |     |
| Client Postal  | l Code:   |   |                                    |                   |   |   |     |
| Project Desc   | ription:  |   |                                    |                   |   |   |     |
| Contaminant  | •   |   |                                    |                   |   |   |     |
| Emission Co  |   |   |                                    |                   |   |   |     |
|  |   |   |                                    |                   |   |   |     |
| <u>64</u>  | 1 of 1  |   | ESE/227.6                          | 80.9 / 0.00       | lot 5 con 4<br>ON   |   | www |
| Well ID:   |   | 1509638   |                                    |                   | Data Entry Status:  |   |     |
| Construction   |   |   |                                    |                   | Data Src:   | 1   |     |
| Primary Wate   |   | Domestic  |                                    |                   | Date Received:  | 6/15/1968   |     |
| Sec. Water U   |   | 0   |                                    |                   | Selected Flag:  | Yes   |     |
| Final Well St  | atus:   | Water Sup   | ply                                |                   | Abandonment Rec:  |   |     |
| Water Type:  |   |   |                                    |                   | Contractor:   | 1517  |     |
| Casing Mate  | rial:   |   |                                    |                   | Form Version:   | 1   |     |
| Audit No:  |   |   |                                    |                   | Owner:  |   |     |
| Tag:   |   |   |                                    |                   | Street Name:  |   |     |
| Construction   | n Method:   |   |                                    |                   | County:   | OTTAWA  |     |
| Elevation (m<br>Elevation Re   | liability:  |   |                                    |                   | Municipality:<br>Site Info:   | GLOUCESTER TOWNSHIP   |     |
| Depth to Bec   | drock:  |   |                                    |                   | Lot:  | 005   |     |
| Well Depth:  |   |   |                                    |                   | Concession:   | 04  |     |
| Overburden/  | Bedrock:  |   |                                    |                   | Concession Name:  | OF  |     |
| Pump Rate:   |   |   |                                    |                   | Easting NAD83:  |   |     |
| Static Water   | Level:  |   |                                    |                   | Northing NAD83:   |   |     |
| Flowing (Y/N   | I):   |   |                                    |                   | Zone:   |   |     |
| Flow Rate:   | ,   |   |                                    |                   | UTM Reliability:  |   |     |
| Clear/Cloudy   | /:  |   |                                    |                   | -   |   |     |
| PDF URL (Ma  | ap):  |   | https://d2khazk8e83                | Brdv.cloudfront.n | et/moe_mapping/downloads  | /2Water/Wells_pdfs/150\1509638.pdf                                |     |
|  |   |   |                                    |                   |   |   |     |
| Bore Hole In   | formation   |   |                                    |                   |   |   |     |
|  |   | 10031670  |                                    |                   | Elevation:  | 83.4412   |     |
| Bore Hole ID   |   | 10031670<br>118   |                                    |                   | Elevation:<br>Elevrc:   | 83.4412   |     |
| <u>Bore Hole In</u><br>Bore Hole ID<br>DP2BR:<br>Spatial Statu   | ):  |   |                                    |                   |   | 83.4412<br>18   |     |
| Bore Hole ID<br>DP2BR:   | ):  |   |                                    |                   | Elevrc:   |   |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:  | ):<br>IS:   | 118   |                                    |                   | Elevrc:<br>Zone:  | 18  |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:   | ):<br>IS:   | 118<br>r  |                                    |                   | Elevrc:<br>Zone:<br>East83:<br>North83:                                     | 18<br>459700.8  |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:<br>Open Hole:   | ):<br>IS:<br>SC:  | 118<br>r  |                                    |                   | Elevrc:<br>Zone:<br>East83:   | 18<br>459700.8  |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:<br>Open Hole:<br>Cluster Kind   | ):<br>IS:<br>SC:<br>I:  | 118<br>r  |                                    |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:                          | 18<br>459700.8<br>5030882   |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu  | ):<br>IS:<br>SC:<br>I:<br>eted:   | 118<br>r<br>Bedrock   |                                    |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:                | 18<br>459700.8<br>5030882<br>5                                    |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:<br>Open Hole:<br>Cluster Kind<br>Date Comple<br>Remarks:<br>Elevrc Desc:  | ):<br>IS:<br>SC:<br>I:<br>eted:   | 118<br>r<br>Bedrock   |                                    |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc: | 18<br>459700.8<br>5030882<br>5<br>margin of error : 100 m - 300 m |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:<br>Open Hole:<br>Cluster Kind<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvemen  | ):<br>sc:<br>sc:<br>eted:<br>urce Date:<br>t Location S   | 118<br>r<br>Bedrock<br>2/1/1968<br>Source:<br>Method:         |                                    |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc: | 18<br>459700.8<br>5030882<br>5<br>margin of error : 100 m - 300 m |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:<br>Open Hole:<br>Cluster Kind<br>Date Comple<br>Remarks:  | ):<br>sc:<br>sc:<br>eted:<br>urce Date:<br>t Location I<br>sion Comm  | 118<br>r<br>Bedrock<br>2/1/1968<br>Source:<br>Method:         |                                    |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc: | 18<br>459700.8<br>5030882<br>5<br>margin of error : 100 m - 300 m |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:<br>Open Hole:<br>Cluster Kind<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvemen<br>Source Revis<br>Supplier Cor  | o:<br>sc:<br>sc:<br>eted:<br>t Location S<br>t Location I<br>sion Comm<br>mment:<br>and Bedroo  | 118<br>r<br>Bedrock<br>2/1/1968<br>Source:<br>Method:<br>ent: |                                    |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc: | 18<br>459700.8<br>5030882<br>5<br>margin of error : 100 m - 300 m |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:<br>Open Hole:<br>Cluster Kind<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvemen<br>Source Revis<br>Supplier Cor<br>Overburden<br>Materials Inte  | b:<br>sc:<br>sc:<br>eted:<br>t Location S<br>t Location I<br>sion Comm<br>mment:<br><u>and Bedroc</u><br><u>erval</u>   | 118<br>r<br>Bedrock<br>2/1/1968<br>Source:<br>Method:<br>ent: | 931012639                          |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc: | 18<br>459700.8<br>5030882<br>5<br>margin of error : 100 m - 300 m |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvemen<br>Source Revis<br>Supplier Cor<br><u>Overburden</u><br>Materials Inter<br>Formation ID  | b:<br>sc:<br>sc:<br>eted:<br>t Location S<br>t Location I<br>sion Comm<br>mment:<br><u>and Bedroc</u><br><u>erval</u>   | 118<br>r<br>Bedrock<br>2/1/1968<br>Source:<br>Method:<br>ent: | 931012639                          |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc: | 18<br>459700.8<br>5030882<br>5<br>margin of error : 100 m - 300 m |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB Des<br>Open Hole:<br>Cluster Kind<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvemen<br>Source Revis<br>Supplier Cor<br><u>Overburden</u><br><u>Materials Inte</u><br>Formation ID<br>Layer:  | b:<br>sc:<br>sc:<br>eted:<br>t Location S<br>t Location I<br>sion Comm<br>mment:<br><u>and Bedroc</u><br><u>erval</u>   | 118<br>r<br>Bedrock<br>2/1/1968<br>Source:<br>Method:<br>ent: | 931012639<br>5                     |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc: | 18<br>459700.8<br>5030882<br>5<br>margin of error : 100 m - 300 m |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:<br>Dpen Hole:<br>Cluster Kind<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>mprovemen<br>Source Revis<br>Supplier Con<br>Dverburden<br>Materials Inte<br>Cormation ID<br>Layer:<br>Color:   | ):<br>sc:<br>sc:<br>eted:<br>t Location S<br>t Location I<br>sion Common<br>mment:<br><u>and Bedroc</u><br><u>erval</u><br>D:   | 118<br>r<br>Bedrock<br>2/1/1968<br>Source:<br>Method:<br>ent: | 931012639<br>5<br>8                |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc: | 18<br>459700.8<br>5030882<br>5<br>margin of error : 100 m - 300 m |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:<br>Dpen Hole:<br>Cluster Kind<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>mprovemen<br>Source Revis<br>Supplier Con<br><u>Dverburden</u><br><u>Materials Inte</u><br>Formation ID<br>Layer:<br>Color:<br>General Colo   | ):<br>sc:<br>sc:<br>eted:<br>t Location S<br>t Location I<br>sion Common<br>mment:<br><u>and Bedroc</u><br><u>erval</u><br>D:   | 118<br>r<br>Bedrock<br>2/1/1968<br>Source:<br>Method:<br>ent: | 931012639<br>5<br>8<br>BLACK       |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc: | 18<br>459700.8<br>5030882<br>5<br>margin of error : 100 m - 300 m |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:<br>Open Hole:<br>Cluster Kind<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvemen<br>Source Revis<br>Supplier Con<br>Materials Intu<br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:   | ):<br>IS:<br>SC:<br>Sc:<br>Attack<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard | 118<br>r<br>Bedrock<br>2/1/1968<br>Source:<br>Method:<br>ent: | 931012639<br>5<br>8<br>BLACK<br>26 |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc: | 18<br>459700.8<br>5030882<br>5<br>margin of error : 100 m - 300 m |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:<br>Open Hole:<br>Cluster Kindle<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvemen<br>Source Revis<br>Supplier Cor<br>Overburden<br>Materials Inte<br>Formation IE<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo  | ):<br>IS:<br>SC:<br>Sc:<br>Attack<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard | 118<br>r<br>Bedrock<br>2/1/1968<br>Source:<br>Method:<br>ent: | 931012639<br>5<br>8<br>BLACK       |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc: | 18<br>459700.8<br>5030882<br>5<br>margin of error : 100 m - 300 m |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:<br>Open Hole:<br>Cluster Kind<br>Edevrc Desc:<br>Location Sou<br>Improvemen<br>Source Revis<br>Supplier Cor<br><u>Overburden</u><br>Materials Inte<br>Formation IE<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo   | ):<br>IS:<br>SC:<br>Sc:<br>Attack<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard | 118<br>r<br>Bedrock<br>2/1/1968<br>Source:<br>Method:<br>ent: | 931012639<br>5<br>8<br>BLACK<br>26 |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc: | 18<br>459700.8<br>5030882<br>5<br>margin of error : 100 m - 300 m |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:<br>Open Hole:<br>Cluster Kind<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvemen<br>Source Revis<br>Supplier Con<br>Materials Intu<br>Formation ID<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo<br>Mat2:<br>Mat2 Desc:  | ):<br>IS:<br>SC:<br>Sc:<br>Attack<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard | 118<br>r<br>Bedrock<br>2/1/1968<br>Source:<br>Method:<br>ent: | 931012639<br>5<br>8<br>BLACK<br>26 |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc: | 18<br>459700.8<br>5030882<br>5<br>margin of error : 100 m - 300 m |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:<br>Open Hole:<br>Cluster Kind<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Location Sou<br>Improvemen<br>Source Revis<br>Supplier Cor<br><u>Overburden</u><br>Supplier Cor<br><u>Overburden</u><br>Formation IE<br>Layer:<br>Color:<br>General Colo<br>Mat1:<br>Most Commo   | ):<br>IS:<br>SC:<br>Sc:<br>Attack<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard | 118<br>r<br>Bedrock<br>2/1/1968<br>Source:<br>Method:<br>ent: | 931012639<br>5<br>8<br>BLACK<br>26 |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc: | 18<br>459700.8<br>5030882<br>5<br>margin of error : 100 m - 300 m |     |
| Bore Hole ID<br>DP2BR:<br>Spatial Statu<br>Code OB:<br>Code OB De:<br>Dpen Hole:<br>Cluster Kind<br>Date Comple<br>Remarks:<br>Elevrc Desc:<br>Jocation Sou<br>mprovemen<br>Source Revis<br>Supplier Con<br><u>Dverburden</u><br>Supplier Con<br><u>Dverburden</u><br>Source Revis<br>Supplier Con<br>Source Revis<br>Supplier Con<br>Source Revis<br>Supplier Con<br>Materials Inte<br>Source Con<br>Materials Color<br>Mat1:<br>Most Commo | ):<br>IS:<br>SC:<br>Sc:<br>Attack<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard<br>Standard | 118<br>r<br>Bedrock<br>2/1/1968<br>Source:<br>Method:<br>ent: | 931012639<br>5<br>8<br>BLACK<br>26 |                   | Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc: | 18<br>459700.8<br>5030882<br>5<br>margin of error : 100 m - 300 m |     |

| Мар Кеу                                   | Number of<br>Records        | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---|-----------------------------|----------------------------|------------------|------|----|
| Mat3 Desc:                                |                             | 440                        |                  |      |    |
| Formation Te<br>Formation E               | op Deptn:<br>ad Dopth:      | 118<br>128                 |                  |      |    |
|   | nd Depth.<br>nd Depth UOM:  | ft                         |                  |      |    |
| <u>Overburden</u><br><u>Materials Int</u> | <u>and Bedrock</u><br>erval |                            |                  |      |    |
| Formation IL                              | ):                          | 931012637                  |                  |      |    |
| Layer:                                    |                             | 3                          |                  |      |    |
| Color:                                    |                             | 3                          |                  |      |    |
| General Colo                              | or:                         | BLUE                       |                  |      |    |
| Mat1:<br>Most Comm                        | on Matorial:                | 05<br>CLAY                 |                  |      |    |
| Most Comm<br>Mat2:<br>Mat2 Desc:<br>Mat3: | on material.                | CLAT                       |                  |      |    |
| Mat3 Desc:                                |                             |                            |                  |      |    |
| Formation T                               | op Depth:                   | 30                         |                  |      |    |
| Formation E                               | nd Depth:                   | 110                        |                  |      |    |
| Formation E                               | nd Depth UOM:               | ft                         |                  |      |    |
| <u>Overburden</u><br>Materials Int        | <u>and Bedrock</u><br>erval |                            |                  |      |    |
| Formation ID                              | D:                          | 931012635                  |                  |      |    |
| Layer:                                    |                             | 1                          |                  |      |    |
| Color:                                    |                             |                            |                  |      |    |
| General Colo<br>Mat1:                     | or:                         | 23                         |                  |      |    |
| Most Comm                                 | on Material:                | PREVIOUSLY DUG             |                  |      |    |
| Mat2:                                     |                             |                            |                  |      |    |
| Mat2 Desc:                                |                             |                            |                  |      |    |
| Mat3:                                     |                             |                            |                  |      |    |
| Mat3 Desc:                                | an Danth                    | 0                          |                  |      |    |
| Formation Te<br>Formation E               | op Deptn:<br>nd Depth:      | 0<br>12                    |                  |      |    |
|   | nd Depth UOM:               | ft                         |                  |      |    |
| <u>Overburden</u><br><u>Materials Int</u> | <u>and Bedrock</u><br>erval |                            |                  |      |    |
| Formation ID                              | D:                          | 931012638                  |                  |      |    |
| Layer:                                    |                             | 4                          |                  |      |    |
| Color:                                    |                             |                            |                  |      |    |
| General Colo                              | or:                         | 00                         |                  |      |    |
| Mat1:<br>Most Comm                        | on Material:                | 28<br>SAND                 |                  |      |    |
| Mat2:                                     | on waterial.                | SAND                       |                  |      |    |
| Mat2 Desc:                                |                             |                            |                  |      |    |
| Mat3:                                     |                             |                            |                  |      |    |
| Mat3 Desc:                                | D ()-                       | 110                        |                  |      |    |
| Formation Te<br>Formation E               | op Depth:<br>nd Depth:      | 110<br>118                 |                  |      |    |
|   | nd Depth:<br>nd Depth UOM:  | ft                         |                  |      |    |
| <u>Overburden</u><br><u>Materials Int</u> | <u>and Bedrock</u><br>erval |                            |                  |      |    |
| Formation IL                              | D:                          | 931012636                  |                  |      |    |
| Layer:                                    |                             | 2                          |                  |      |    |
| Color:                                    |                             |                            |                  |      |    |
|   |                             |                            |                  |      |    |

|  | mber of<br>cords                         | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | D |
|--|--|----------------------------|------------------|------|---|
| General Color:<br>Mat1:                    |  | 07                         |                  |      |   |
| Nost Common Mat                            | erial:                                   | QUICKSAND                  |                  |      |   |
| Mat2:                                      |  |                            |                  |      |   |
| Mat2 Desc:                                 |  |                            |                  |      |   |
| Mat3:                                      |  |                            |                  |      |   |
| Mat3 Desc:                                 |  | 40                         |                  |      |   |
| Formation Top Dep<br>Formation End Dep     |  | 12<br>30                   |                  |      |   |
| Formation End Dep                          |  | ft                         |                  |      |   |
|  |  |                            |                  |      |   |
| Method of Construe<br><u>Jse</u>           | ction & Well                             | -                          |                  |      |   |
| Method Construction<br>Method Construction |  | 961509638<br>1             |                  |      |   |
| Method Construction                        |  | Lable Tool                 |                  |      |   |
| Other Method Cons                          |  |                            |                  |      |   |
| Pipe Information                           |  |                            |                  |      |   |
| Pipe ID:                                   |  | 10580240                   |                  |      |   |
| Casing No:                                 |  | 1                          |                  |      |   |
| Comment:                                   |  |                            |                  |      |   |
| Alt Name:                                  |  |                            |                  |      |   |
| Construction Reco                          | <u>rd - Casing</u>                       |                            |                  |      |   |
| Casing ID:                                 |  | 930055980                  |                  |      |   |
| Layer:                                     |  | 2                          |                  |      |   |
| Material:                                  |  | 4                          |                  |      |   |
| Open Hole or Mater                         | rial:                                    | OPEN HOLE                  |                  |      |   |
| Depth From:<br>Depth To:                   |  | 128                        |                  |      |   |
| Casing Diameter:                           |  | 5                          |                  |      |   |
| Casing Diameter U                          | ОМ:                                      | inch                       |                  |      |   |
| Casing Depth UOM                           |  | ft                         |                  |      |   |
| Construction Reco                          | <u>rd - Casing</u>                       |                            |                  |      |   |
| Casing ID:                                 |  | 930055979                  |                  |      |   |
| layer:                                     |  | 1                          |                  |      |   |
| Material:                                  |  | 1                          |                  |      |   |
| Open Hole or Mater                         | rial:                                    | STEEL                      |                  |      |   |
| Depth From:<br>Depth To:                   |  | 118                        |                  |      |   |
| Casing Diameter:                           |  | 5                          |                  |      |   |
| Casing Diameter U                          | ОМ:                                      | inch                       |                  |      |   |
| Casing Depth UOM                           |  | ft                         |                  |      |   |
| Results of Well Yie                        | <u>ld Testing</u>                        |                            |                  |      |   |
| Pump Test ID:                              |  | 991509638                  |                  |      |   |
| Pump Set At:                               |  |                            |                  |      |   |
| Static Level:                              |  | 25                         |                  |      |   |
| Final Level After Pu                       | umping:                                  | 40<br>50                   |                  |      |   |
| Recommended Pur<br>Pumping Rate:           | np Depth:                                | 50<br>8                    |                  |      |   |
| Flowing Rate:                              |  | o                          |                  |      |   |
| Recommended Pur                            | mp Rate:                                 | 4                          |                  |      |   |
| Levels UOM:                                | /- · · · · · · · · · · · · · · · · · · · | ft                         |                  |      |   |
| Rate UOM:                                  |  | GPM                        |                  |      |   |
|  |  |                            |                  |      |   |

| Мар Кеу  | Number<br>Record   |  |                                      | Elev/Diff<br>m)     | Site  |  | DB   |
|--|--|--|--------------------------------------|---------------------|---|--|------|
| Water State J<br>Water State J<br>Pumping Tes<br>Pumping Du<br>Pumping Du<br>Flowing:  | After Test:<br>st Method:<br>ration HR:  | 2<br>CLOUDY<br>1<br>0<br>30<br>No                                      |                                      |                     |   |  |      |
| Water Details  | <u>s</u>   |  |                                      |                     |   |  |      |
| Water ID:<br>Layer:<br>Kind Code:<br>Kind:<br>Water Found<br>Water Found   | •  | 93346452<br>1<br>1<br>FRESH<br>127<br><b>//:</b> ft                    | 24                                   |                     |   |  |      |
| <u>65</u>  | 1 of 2   | E/230.4  | 80                                   | 0.9 / 0.00          | TREMBLAY CONSTR<br>700 MORNINGSTAR V<br>0G6,CA<br>ON  | UCTION<br>VAY,,OTTAWA,ON,K1W                                       | PINC |
| Incident ID:<br>Incident No:<br>Incident Rep<br>Type:<br>Status Code.<br>Customer Ad<br>Incident Add<br>Tank Status:<br>Task No:<br>Spills Action<br>Fuel Type:<br>Fuel Occurre<br>Date of Occu<br>Occurrence<br>Operation Ty<br>Pipeline Typ<br>Summary:<br>Reported By<br>Affiliation:<br>Occurrence<br>Damage Rea<br>Notes: | orted Dt:<br>cct Name:<br>lress:<br>Centre:<br>ence Tp:<br>irrence:<br>Start Dt:<br>/pe:<br>e:<br>/pe:<br>c<br>Desc: | Bernie Mo  | TRUCTION<br>R WAY,,OTT,<br>eason Est | VAY, OTTAV<br>RIDGE | Fuel Category:<br>Health Impact:<br>Environment Impact:<br>Property Damage:<br>Service Interupt:<br>Enforce Policy:<br>Public Relation:<br>Pipeline System:<br>Depth:<br>Pipe Material:<br>PSIG:<br>Attribute Category:<br>Regulator Location:<br>Method Details: | Natural Gas<br>No<br>Yes<br>FS-Perform P-line Inc Invest<br>E-mail |      |
| <u>65</u>  | 2 of 2   | E/230.4  | 80                                   | 0.9/0.00            | Enbridge Gas Distribu<br>700 Morningstar Way<br>Ottawa ON   |  | SPL  |
| Ref No:<br>Site No:<br>Incident Dt:<br>Year:<br>Incident Cau<br>Incident Eve<br>Contaminant<br>Contaminant<br>Contaminant<br>Contaminant<br>Contaminant  | nt:<br>t Code:<br>t Name:<br>t Limit 1:<br>it Freq 1:<br>t UN No 1:  | 4350-ABNHGR<br>NA<br>2016/07/07<br>Leak/Break<br>35<br>NATURAL GAS (MI | ETHANE)                              |                     | Discharger Report:<br>Material Group:<br>Health/Env Conseq:<br>Client Type:<br>Sector Type:<br>Agency Involved:<br>Nearest Watercourse:<br>Site Address:<br>Site Address:<br>Site District Office:<br>Site Postal Code:<br>Site Region:<br>Site Municipality:     | Miscellaneous Industrial<br>700 Morningstar Way<br>Ottawa          |      |

| DB                                   |                                   | Site                    | Elev/Diff<br>(m)   | Direction/<br>Distance (m)  |             | Numbe<br>Record | Map Key                     |
|--------------------------------------|-----------------------------------|-------------------------|--------------------|---|-------------|-----------------|-----------------------------|
|                                      |                                   | Site Lot:<br>Site Conc: |                    |   |             |                 | Nature of Im<br>Receiving M |
|                                      |                                   | Northing:               |                    |   | Air         |                 | Receiving Er                |
|                                      |                                   | Easting:                |                    |   | No          |                 | MOE Respor                  |
|                                      |                                   | Site Geo Ref Accu:      |                    |   | 2016/07/08  |                 | Dt MOE Arvl                 |
|                                      |                                   | Site Map Datum:         |                    |   |             |                 | MOE Report                  |
| Safety Branch - Hydrocarbon Fu<br>ll | TSSA - Fuel Safe<br>Release/Spill | SAC Action Class:       |                    |   | 2016/08/10  | ent Closed:     | Dt Documen                  |
|                                      |                                   | Source Type:            |                    | iman Error  | Operator/Hu | eason:          | Incident Rea                |
|                                      |                                   | 21                      | FFICIAL>           | L Strike Site <uno< td=""><td>PL</td><td>:</td><td>Site Name:</td></uno<> | PL          | :               | Site Name:                  |
|                                      |                                   |                         |                    |   |             | y/District:     | Site County/                |
|                                      |                                   |                         |                    |   |             | ef Meth:        | Site Geo Ref                |
|                                      |                                   |                         | Strike, made safe. | SSA: FSB 1/2" PL  | TS          | ummary:         | Incident Sun                |
|                                      |                                   |                         |                    | L   | 0 L         | nt Qty:         | Contaminant                 |

| <u>66</u>   | 1 of 1   | SE/238.0  | 79.2 / -1.69 | 6102 RENAUD ST<br>OTTAWA ON  |   | WWIS |
|---|--|---|--------------|--|---|------|
| Well ID:<br>Constructio<br>Primary Wat<br>Sec. Water U<br>Final Well S<br>Water Type:<br>Casing Mate<br>Audit No:<br>Tag:<br>Constructio<br>Elevation (n<br>Elevation Re<br>Depth to Be<br>Well Depth:<br>Overburden<br>Pump Rate:<br>Static Water<br>Flowing (Y/I<br>Flow Rate:<br>Clear/Cloud<br>PDF URL (M | ter Use:<br>Use:<br>tatus:<br>erial:<br>n Method:<br>n):<br>eliability:<br>drock:<br>/Bedrock:<br>/Bedrock:<br>v Level:<br>v): | 7300645<br>Test Hole<br>Monitoring<br>Observation Wells<br>Z263682<br>A189877 |              | Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | 12/5/2017<br>Yes<br>7241<br>7<br>6102 RENAUD ST<br>OTTAWA<br>GLOUCESTER TOWNSHIP            |      |
| Bore Hole Ir<br>DP2BR:<br>Spatial State<br>Code OB:<br>Code OB De<br>Open Hole:<br>Cluster Kinc<br>Date Comple<br>Remarks:<br>Elevrc Desc<br>Location So<br>Improvemen  | D:<br>us:<br>esc:<br>d:<br>eted:<br>:<br>:<br>urce Date:<br>nt Location  |   |              | Elevation:<br>Elevrc:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC Desc:<br>Location Method:  | 76.455329<br>18<br>459509<br>5030699<br>UTM83<br>4<br>margin of error : 30 m - 100 m<br>wwr |      |

#### Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

|  | Number of<br>Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DE                    |
|--|----------------------|----------------------------|------------------|------|-----------------------|
| Formation ID:                                    |                      | 1007044328                 |                  |      |                       |
| Layer:   |                      | 3                          |                  |      |                       |
| Color:   |                      | 2                          |                  |      |                       |
| General Color:<br>Mat1:                          |                      | GREY<br>05                 |                  |      |                       |
| Most Common                                      | Material:            | CLAY                       |                  |      |                       |
| Mat2:  |                      |                            |                  |      |                       |
| Mat2 Desc:                                       |                      |                            |                  |      |                       |
| Mat3:  |                      | 85<br>80FT                 |                  |      |                       |
| Mat3 Desc:<br>Formation Top                      | Denth:               | SOFT<br>6                  |                  |      |                       |
| Formation End                                    | Depth:               | 15                         |                  |      |                       |
| Formation End                                    |                      | ft                         |                  |      |                       |
| <u>Overburden and</u><br><u>Materials Interv</u> |                      |                            |                  |      |                       |
| Formation ID:                                    |                      | 1007044327                 |                  |      |                       |
| Layer:   |                      | 2                          |                  |      |                       |
| Color:   |                      | 6                          |                  |      |                       |
| General Color:<br>Mat1:                          |                      | BROWN<br>05                |                  |      |                       |
| Most Common                                      | Material             | CLAY                       |                  |      |                       |
| Mat2:  | material.            | 06                         |                  |      |                       |
| Mat2 Desc:                                       |                      | SILT                       |                  |      |                       |
| Mat3:  |                      | 85                         |                  |      |                       |
| Mat3 Desc:                                       | Donth                | SOFT                       |                  |      |                       |
| Formation Top<br>Formation End                   | Depth:<br>Depth:     | 1<br>6                     |                  |      |                       |
| Formation End                                    |                      | ft                         |                  |      |                       |
| <u>Overburden and</u><br>Materials Interv        |                      |                            |                  |      |                       |
| Formation ID:                                    |                      | 1007044326                 |                  |      |                       |
| Layer:   |                      | 1                          |                  |      |                       |
| Color:   |                      | 2                          |                  |      |                       |
| General Color:                                   |                      | GREY                       |                  |      |                       |
| Mat1:<br>Most Common                             | Matorial:            | 11<br>GRAVEL               |                  |      |                       |
| Mat2:  | material.            | 28                         |                  |      |                       |
| Mat2 Desc:                                       |                      | SAND                       |                  |      |                       |
| Mat3:  |                      | 73                         |                  |      |                       |
| Mat3 Desc:                                       | Donéhi               | HARD                       |                  |      |                       |
| Formation Top<br>Formation End                   | Depth:<br>Depth:     | 0<br>1                     |                  |      |                       |
| Formation End                                    | Depth UOM:           | ft                         |                  |      |                       |
| Annular Space/<br>Sealing Record                 | Abandonment          |                            |                  |      |                       |
| Plug ID:   |                      | 1007044338                 |                  |      |                       |
| Layer:   |                      | 3                          |                  |      |                       |
| Plug From:<br>Plug To:                           |                      | 4<br>15                    |                  |      |                       |
| Plug Depth UO                                    | М:                   | ft                         |                  |      |                       |
| <u>Annular Space/</u><br>Sealing Record          |                      |                            |                  |      |                       |
| Plug ID:   |                      | 1007044336                 |                  |      |                       |
| Layer:   |                      | 1                          |                  |      |                       |
|  |                      | wironmontal Pick Info      |                  |      | Order No: 21021000068 |

| Мар Кеу                            | Number of<br>Records         | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|------------------------------------|------------------------------|----------------------------|------------------|------|----|
| Plug From:                         |                              | 0                          |                  |      |    |
| Plug To:                           |                              | 1                          |                  |      |    |
| Plug Depth L                       | JOM:                         | ft                         |                  |      |    |
| <u>Annular Spa</u><br>Sealing Reco | <u>ce/Abandonment</u><br>ord |                            |                  |      |    |
| Plug ID:                           |                              | 1007044337                 |                  |      |    |
| Layer:                             |                              | 2                          |                  |      |    |
| Plug From:                         |                              | 1                          |                  |      |    |
| Plug To:<br>Plug Depth U           | IOM:                         | 4<br>ft                    |                  |      |    |
| Plug Depth C                       | <i>JOM:</i>                  | π                          |                  |      |    |
| <u>Method of Co<br/>Use</u>        | onstruction & Well           |                            |                  |      |    |
| Method Cons                        | struction ID:                | 1007044335                 |                  |      |    |
| Method Cons                        | struction Code:              | D                          |                  |      |    |
| Method Cons                        |                              | Direct Push                |                  |      |    |
| Other Metho                        | d Construction:              | Т                          |                  |      |    |
| <u>Pipe Informa</u>                | tion                         |                            |                  |      |    |
| Pipe ID:                           |                              | 1007044325                 |                  |      |    |
| Casing No:                         |                              | 0                          |                  |      |    |
| Comment:                           |                              |                            |                  |      |    |
| Alt Name:                          |                              |                            |                  |      |    |
| <u>Constructior</u>                | n Record - Casing            |                            |                  |      |    |
| Casing ID:                         |                              | 1007044331                 |                  |      |    |
| Layer:                             |                              | 1                          |                  |      |    |
| Material:                          |                              | 5                          |                  |      |    |
| Open Hole o                        |                              | PLASTIC                    |                  |      |    |
| Depth From:                        |                              | 0<br>5                     |                  |      |    |
| Depth To:<br>Casing Diam           | otor:                        | 1.38                       |                  |      |    |
| Casing Diam                        |                              | inch                       |                  |      |    |
| Casing Dept                        |                              | ft                         |                  |      |    |
| <u>Constructior</u>                | n Record - Screen            |                            |                  |      |    |
| Screen ID:                         |                              | 1007044332                 |                  |      |    |
| Layer:                             |                              | 1                          |                  |      |    |
| Slot:                              |                              | 10                         |                  |      |    |
| Screen Top I                       | Depth:                       | 5                          |                  |      |    |
| Screen End                         |                              | 15<br>5                    |                  |      |    |
| Screen Mate<br>Screen Depti        |                              | 5<br>ft                    |                  |      |    |
| Screen Depu                        |                              | inch                       |                  |      |    |
| Screen Diam                        |                              | 1.66                       |                  |      |    |
| Water Details                      | <u>S</u>                     |                            |                  |      |    |
| Water ID:                          |                              | 1007044330                 |                  |      |    |
| Layer:                             |                              |                            |                  |      |    |
| Kind Code:                         |                              |                            |                  |      |    |
| Kind:                              |                              |                            |                  |      |    |

ft

| Map Key Number<br>Record  |          |   | Direction/<br>Distance (m)                   | Elev/Diff<br>(m) | Site   |  | DE   |
|---|----------|---|--|------------------|--|--|------|
| Hole Diameter   | r        |   |  |                  |  |  |      |
| Hole ID:<br>Diameter:<br>Depth From:<br>Depth To:<br>Hole Depth UC<br>Hole Diameter   |          |   | 1007044329<br>2.375<br>0<br>15<br>ft<br>inch |                  |  |  |      |
| <u>67</u>   | 1 of 1   |   | SE/241.2                                     | 78.9 / -2.00     | 6102 RENAUD ST<br>OTTAWA ON  |  | wwis |
| Construction Date:Primary Water Use:Test HSec. Water Use:MonitorFinal Well Status:ObserWater Type:Casing Material:Audit No:Z26360   |          | 7300715<br>Test Hol<br>Monitorii<br>Observa<br>Z26368 <sup>7</sup><br>A19004 <sup>7</sup> | e<br>ng<br>tion Wells                        |                  | Data Entry Status:<br>Data Src:<br>Date Received:<br>Selected Flag:<br>Abandonment Rec:<br>Contractor:<br>Form Version:<br>Owner:<br>Street Name:<br>County:<br>Municipality:<br>Site Info:<br>Lot:<br>Concession:<br>Concession Name:<br>Easting NAD83:<br>Northing NAD83:<br>Zone:<br>UTM Reliability: | 12/5/2017<br>Yes<br>7241<br>7<br>6102 RENAUD ST<br>OTTAWA<br>GLOUCESTER TOWNSHIP |      |
| Bore Hole Info<br>Bore Hole ID:   | ormation | 1006862   | 2427   |                  | Elevation:<br>Elevrc:  | 76.404884  |      |
| DP2BR:<br>Spatial Status:<br>Code OB:<br>Code OB Desc:<br>Open Hole:<br>Cluster Kind:<br>Date Completed: 10/2/2<br>Remarks:<br>Elevrc Desc:<br>Location Source Date:<br>Improvement Location Source:<br>Improvement Location Method:<br>Source Revision Comment:<br>Supplier Comment: |          | Method:   | 7  |                  | Zone:<br>Zone:<br>East83:<br>North83:<br>Org CS:<br>UTMRC:<br>UTMRC:<br>UTMRC Desc:<br>Location Method:  | 18<br>459476<br>5030694<br>UTM83<br>4<br>margin of error : 30 m - 100 m<br>wwr   |      |
| <u>Overburden a</u><br>Materials Inter  |          | <u>ck</u>   |  |                  |  |  |      |
| Formation ID:<br>Layer:<br>Color:   |          |   | 1007046203<br>1<br>2                         |                  |  |  |      |

2 GREY

GRAVEL

| Мар Кеу                                      | Number of<br>Records         | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--|------------------------------|----------------------------|------------------|------|----|
| Mat2:<br>Mat2 Desc:<br>Mat3:<br>Mat3 Desc:   |                              | 28<br>SAND<br>85<br>SOFT   |                  |      |    |
| Formation To<br>Formation Er                 | nd Depth:                    | 0<br>1                     |                  |      |    |
| Formation Er                                 | nd Depth UOM:                | ft                         |                  |      |    |
| <u>Overburden a</u><br><u>Materials Inte</u> |                              |                            |                  |      |    |
| Formation ID<br>Layer:                       | :                            | 1007046205<br>3            |                  |      |    |
| Color:                                       |                              | 2                          |                  |      |    |
| General Colo                                 | or:                          | GREY                       |                  |      |    |
| Mat1:  |                              | 05                         |                  |      |    |
| Most Commo<br>Mat2:                          | on Material:                 | CLAY<br>06                 |                  |      |    |
| Mat2 Desc:                                   |                              | SILT                       |                  |      |    |
| Mat3:  |                              | 85                         |                  |      |    |
| Mat3 Desc:                                   |                              | SOFT                       |                  |      |    |
| Formation To                                 | op Depth:                    | 6                          |                  |      |    |
| Formation Er                                 | nd Depth:                    | 15                         |                  |      |    |
| Formation Ei                                 | nd Depth UOM:                | ft                         |                  |      |    |
| Overburden a<br>Materials Inte               |                              |                            |                  |      |    |
| Formation ID                                 | :                            | 1007046204                 |                  |      |    |
| Layer:                                       |                              | 2                          |                  |      |    |
| Color:                                       |                              | 6                          |                  |      |    |
| General Colo<br>Mat1:                        | or:                          | BROWN<br>05                |                  |      |    |
| Most Commo                                   | on Material                  | CLAY                       |                  |      |    |
| Mat2:  | in material.                 | 06                         |                  |      |    |
| Mat2 Desc:                                   |                              | SILT                       |                  |      |    |
| Mat3:  |                              | 85                         |                  |      |    |
| Mat3 Desc:                                   |                              | SOFT                       |                  |      |    |
| Formation To                                 | op Depth:                    | 1                          |                  |      |    |
| Formation Er<br>Formation Er                 | nd Depth:<br>nd Depth UOM:   | 6<br>ft                    |                  |      |    |
|  | ce/Abandonment               |                            |                  |      |    |
| Sealing Reco                                 | <u>pra</u>                   |                            |                  |      |    |
| Plug ID:                                     |                              | 1007046214                 |                  |      |    |
| Layer:<br>Plug From:                         |                              | 2<br>1                     |                  |      |    |
| Plug From:<br>Plug To:                       |                              | 4                          |                  |      |    |
| Plug Depth U                                 | IOM:                         | ft                         |                  |      |    |
| <u>Annular Spaces Sealing Reco</u>           | ce/Abandonment<br>ord        |                            |                  |      |    |
| Plug ID:                                     |                              | 1007046215                 |                  |      |    |
| Layer:                                       |                              | 3                          |                  |      |    |
| Plug From:                                   |                              | 4                          |                  |      |    |
| Plug To:                                     |                              | 15                         |                  |      |    |
| Plug Depth U                                 | IOM:                         | ft                         |                  |      |    |
| <u>Annular Space</u><br>Sealing Reco         | <u>ce/Abandonment</u><br>ord |                            |                  |      |    |

| Мар Кеу                           | Number of<br>Records       | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-----------------------------------|----------------------------|----------------------------|------------------|------|----|
| Plug ID:                          |                            | 1007046213                 |                  |      |    |
| Layer:                            |                            | 1                          |                  |      |    |
| Plug From:                        |                            | 0                          |                  |      |    |
| Plug To:<br>Plug Depth U          | OM·                        | 1<br>ft                    |                  |      |    |
| r lug Depir o                     | <b>C</b>                   | i.                         |                  |      |    |
| <u>Method of Co</u><br><u>Use</u> | onstruction & Well         |                            |                  |      |    |
| Method Cons                       |                            | 1007046212                 |                  |      |    |
|                                   | truction Code:             | D<br>Direct Duck           |                  |      |    |
| Method Cons<br>Other Method       | truction:<br>Construction: | Direct Push                |                  |      |    |
| Pipe Informat                     | <u>tion</u>                |                            |                  |      |    |
| Pipe ID:                          |                            | 1007046202                 |                  |      |    |
| Casing No:                        |                            | 0                          |                  |      |    |
| Comment:<br>Alt Name:             |                            |                            |                  |      |    |
| <u>Construction</u>               | Record - Casing            |                            |                  |      |    |
| Casing ID:                        |                            | 1007046208                 |                  |      |    |
| Layer:                            |                            | 1                          |                  |      |    |
| Material:<br>Open Hole or         | Matorial                   | 5<br>PLASTIC               |                  |      |    |
| Depth From:                       | Waleriai.                  | 0                          |                  |      |    |
| Depth To:                         |                            | 5                          |                  |      |    |
| Casing Diam                       | eter:                      | 1.38                       |                  |      |    |
| Casing Diame<br>Casing Depth      | eter UOM:<br>n UOM:        | inch<br>ft                 |                  |      |    |
| <u>Construction</u>               | Record - Screen            |                            |                  |      |    |
| Screen ID:                        |                            | 1007046209                 |                  |      |    |
| Layer:                            |                            | 1                          |                  |      |    |
| Slot:                             |                            | 10                         |                  |      |    |
| Screen Top D                      | Depth:                     | 5                          |                  |      |    |
| Screen End L<br>Screen Mater      |                            | 15<br>5                    |                  |      |    |
| Screen Depth                      |                            | ft                         |                  |      |    |
| Screen Diame                      | eter UOM:                  | inch                       |                  |      |    |
| Screen Diam                       | eter:                      | 1.66                       |                  |      |    |
| Water Details                     | ł                          |                            |                  |      |    |
| Water ID:                         |                            | 1007046207                 |                  |      |    |
| Layer:                            |                            |                            |                  |      |    |
| Kind Code:<br>Kind:               |                            |                            |                  |      |    |
| Kind:<br>Water Found              | Depth:                     |                            |                  |      |    |
| Water Found                       | Depth UOM:                 | ft                         |                  |      |    |
| <u>Hole Diamete</u>               | <u>er</u>                  |                            |                  |      |    |
| Hole ID:                          |                            | 1007046206                 |                  |      |    |
| Diameter:                         |                            | 2.375                      |                  |      |    |
| Depth From:                       |                            | 0<br>15                    |                  |      |    |
| Depth To:                         |                            | 15                         |                  |      |    |

| Map Key                                  | Numbe<br>Record |                  | Direction/<br>Distance (m)             | Elev/Diff<br>(m)  | Site   |  | DB  |
|--|-----------------|------------------|--|-------------------|--|--|-----|
| Hole Depth<br>Hole Diamet                |                 |                  | ft<br>inch                             |                   |  |  |     |
| <u>68</u>                                | 1 of 8          |                  | N/248.8                                | 83.0/2.08         | 1310034 Ontario Ind<br>2624 Page Rd.<br>Ottawa ON K1W 1E       | s. Cob National Coatings<br>8                  | GEN |
| Generator N<br>Status:                   | lo:             | ON41005          | 513                                    |                   | PO Box No:<br>Country:   |  |     |
| Approval Ye<br>Contam. Fac<br>MHSW Facil | cility:         | 2011             |  |                   | Choice of Contact:<br>Co Admin:<br>Phone No Admin:             |  |     |
| SIC Code:<br>SIC Descrip                 | tion:           | 238320           |  |                   |  |  |     |
| <u>68</u>                                | 2 of 8          |                  | N/248.8                                | 83.0/2.08         | 1310034 Ontario Inc<br>2624 Page Rd.<br>Ottawa ON K1W 1Ei      | e. Cob National Coatings<br>8                  | GEN |
| Generator N<br>Status:<br>Approval Ye    | ars:            | ON41005<br>2012  | 513                                    |                   | PO Box No:<br>Country:<br>Choice of Contact:                   |  |     |
| Contam. Fac<br>MHSW Facil<br>SIC Code:   | -               | 238320           |  |                   | Co Admin:<br>Phone No Admin:                                   |  |     |
| SIC Descrip                              | tion:           | 200020           | Painting and Wall C                    | Covering Contract | ors  |  |     |
| <u>68</u>                                | 3 of 8          |                  | N/248.8                                | 83.0/2.08         | 1310034 Ontario Inc<br>2624 Page Rd.<br>Ottawa ON              | :. Cob National Coatings                       | GEN |
| Generator N<br>Status:<br>Approval Ye    |                 | ON41005<br>2013  | 513                                    |                   | PO Box No:<br>Country:<br>Choice of Contact:                   |  |     |
| Contam. Fac<br>MHSW Facil                | cility:         | 2010             |  |                   | Co Admin:<br>Phone No Admin:                                   |  |     |
| SIC Code:<br>SIC Descrip                 | •               | 238320           | PAINTING AND WALL COVERING CONTRACTORS |                   |  |  |     |
| Detail(s)                                |                 |                  |  |                   |  |  |     |
| Waste Class<br>Waste Class               |                 |                  | 145<br>PAINT/PIGMENT/C                 | OATING RESID      | UES  |  |     |
| <u>68</u>                                | 4 of 8          |                  | N/248.8                                | 83.0/2.08         | 1310034 Ontario Inc<br>2624 Page Rd.<br>Ottawa ON K1W1E8       | c. Cob National Coatings                       | GEN |
| Generator N<br>Status:                   | lo:             | ON41005          | 513                                    |                   | PO Box No:   | Canada   |     |
| Approval Ye<br>Contam. Fac<br>MHSW Facil | cility:         | 2016<br>No<br>No |  |                   | Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin: | CO_ADMIN<br>EMILIA IGLESIAS<br>6137417792 Ext. |     |
| SIC Code:<br>SIC Descrip                 | tion:           | 238320           | PAINTING AND W                         | ALL COVERING      | CONTRACTORS  |  |     |
| <u>Detail(s)</u>                         |                 |                  |  |                   |  |  |     |
| Waste Class<br>Waste Class               |                 |                  | 145<br>PAINT/PIGMENT/C                 | OATING RESID      | UES  |  |     |
|  |                 |                  |  |                   |  |  |     |

| Мар Кеу  | Numbe<br>Record          |                                       | Direction/<br>Distance (m  | Elev/Diff<br>) (m)  | Site  |  | DB  |
|--|--------------------------|---------------------------------------|----------------------------|---------------------|---|--|-----|
| <u>68</u>  | 5 of 8                   |                                       | N/248.8                    | 83.0 / 2.08         | 1310034 Ontario Inc.<br>2624 Page Rd.<br>Ottawa ON K1W1E8                                   | . Cob National Coatings                                  | GEN |
| Generator N<br>Status:<br>Approval Ye<br>Contam. Fac<br>MHSW Facil<br>SIC Code:<br>SIC Descript  | ears:<br>cility:<br>ity: | ON4100<br>2015<br>No<br>No<br>238320  |                            | VALL COVERING       | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin:<br>CONTRACTORS | Canada<br>CO_ADMIN<br>EMILIA IGLESIAS<br>6137417792 Ext. |     |
| <u>Detail(s)</u>   |                          |                                       |                            |                     |   |  |     |
| Waste Class<br>Waste Class   |                          |                                       | 145<br>PAINT/PIGMENT       | COATING RESID       | UES   |  |     |
| <u>68</u>  | 6 of 8                   |                                       | N/248.8                    | 83.0 / 2.08         | 1310034 Ontario Inc.<br>2624 Page Rd.<br>Ottawa ON K1W1E8                                   | . Cob National Coatings                                  | GEN |
| Generator N<br>Status:<br>Approval Ye<br>Contam. Fao<br>MHSW Facil.<br>SIC Code:<br>SIC Descript | ears:<br>cility:<br>ity: | ON41009<br>2014<br>No<br>No<br>238320 |                            | VALL COVERING       | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin:<br>CONTRACTORS | Canada<br>CO_ADMIN<br>EMILIA IGLESIAS<br>6137417792 Ext. |     |
| <u>Detail(s)</u><br>Waste Class<br>Waste Class   |                          |                                       | 145<br>PAINT/PIGMENT       | COATING RESID       | UES   |  |     |
| <u>68</u>  | 7 of 8                   |                                       | N/248.8                    | 83.0 / 2.08         | 1310034 Ontario Inc.<br>2624 Page Rd.<br>Ottawa ON K1W1E8                                   | . Cob National Coatings                                  | GEN |
| Generator N<br>Status:<br>Approval Ye<br>Contam. Faci<br>MHSW Facil<br>SIC Code:<br>SIC Descript | ars:<br>cility:<br>ity:  | ON4100<br>Register<br>As of De        | ed                         |                     | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin:                | Canada   |     |
| <u>Detail(s)</u>   |                          |                                       |                            |                     |   |  |     |
| Waste Class<br>Waste Class   |                          |                                       | 145 L<br>Wastes from the u | use of pigments, co | atings and paints   |  |     |
| <u>68</u>  | 8 of 8                   |                                       | N/248.8                    | 83.0 / 2.08         | 1310034 Ontario Inc.<br>2624 Page Rd.<br>Ottawa ON K1W1E8                                   | . Cob National Coatings                                  | GEN |
| Generator N<br>Status:<br>Approval Ye<br>Contam. Fao<br>MHSW Facil                               | ars:<br>cility:          | ON4100<br>Register<br>As of Jul       | ed                         |                     | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin:                | Canada   |     |

n/ Elev/Diff e(m) (m) Site

SIC Code: SIC Description:

#### <u>Detail(s)</u>

158

Waste Class: Waste Class Desc:

145 L Wastes from the use of pigments, coatings and paints

| <u>69</u>  | 1 of 1  | E/249.5   | 80.9 / 0.00   | 6173 Renaud Road, C<br>ON | Ottawa   | PINC |
|--|---------|---|---|---------------------------|--|------|
| Incident ID<br>Incident Re<br>Type:<br>Status Coo<br>Customer J<br>Incident Ad<br>Tank Statu<br>Task No:<br>Spills Actio<br>Fuel Type:<br>Fuel Occur<br>Date of Oc<br>Occurrence<br>Operation<br>Pipeline Ty<br>Regulator<br>Summary:<br>Reported E<br>Affiliation:<br>Occurrence<br>Damage Re<br>Notes: | e Desc: | 2801790<br>645066<br>FS-Pipeline Incident<br>Pipeline Damage Reason Est<br>RC Established<br>3447797<br>Natural Gas<br>Pipeline Strike<br>8/12/2011 0:00<br>2011/08/15<br>Construction Site (pipe<br>Main Distribution Pipe<br>Service Regulator (up<br>6173 Renaud Road, C<br>Wayne Pilon<br>Industry Stakeholder (<br>gas main damage<br>Excavation practices r<br>imprudent excavation | eline<br>o to 60 psi intake)<br>Dttawa - Pipeline<br>(Licensee/Regist<br>not sufficient |                           | Natural Gas<br>No<br>No<br>Yes<br>Yes<br>No<br>Transmission pipeline<br>19<br>Plastic<br>40<br>FS-Perform P-line Inc Invest<br>Outside<br>E-mail |      |

# Unplottable Summary

### Total: 116 Unplottable sites

| DB | Company Name/Site Name         | Address     | City      | Postal |
|----|--------------------------------|-------------|-----------|--------|
| СА | Minto Developments Inc.        |             | Ottawa ON |        |
| CA | Ashcroft Homes - Eastboro Inc. | Renaud Road | Ottawa ON |        |
| СА | Richcraft Homes Ltd.           |             | Ottawa ON |        |
| СА | Minto Developments Inc.        |             | Ottawa ON |        |
| СА | Richcraft Homes Ltd.           |             | Ottawa ON |        |
| СА | Minto Developments Inc.        |             | Ottawa ON |        |
| CA | Minto Developments Inc.        |             | Ottawa ON |        |
| CA | Minto Developments Inc.        |             | Ottawa ON |        |
| CA | Minto Developments Inc.        |             | Ottawa ON |        |
| CA | Minto Developments Inc.        |             | Ottawa ON |        |
| CA | Richcraft Homes Ltd.           |             | Ottawa ON |        |
| CA | Minto Developments Inc.        |             | Ottawa ON |        |
| CA | Minto Developments Inc.        |             | Ottawa ON |        |
| CA | Minto Developments Inc.        |             | Ottawa ON |        |
| CA | Minto Developments Inc.        |             | Ottawa ON |        |
| CA | Claridge Homes (Carson) Inc.   | Renaud Rd   | Ottawa ON |        |
| CA | Minto Developments Inc.        |             | Ottawa ON |        |
| CA | Ashcroft Homes - Eastboro Inc. | Renaud Road | Ottawa ON |        |

| СА | Ashcroft Homes - Eastboro Inc. | Renaud Road   | Ottawa ON |
|----|--------------------------------|---|-----------|
| CA | Minto Developments Inc.        |   | Ottawa ON |
| CA | Minto Developments Inc.        |   | Ottawa ON |
| CA | Minto Developments Inc.        |   | Ottawa ON |
| СА | Minto Developments Inc.        | Pt Lot 26, Con 6, 4R-11232 Parts 1 &2, Kanata<br>Ward 4 | Ottawa ON |
| СА | Minto Developments Inc.        |   | Ottawa ON |
| CA | Minto Developments Inc.        |   | Ottawa ON |
| СА | Minto Developments Inc.        |   | Ottawa ON |
| СА | Minto Developments Inc.        |   | Ottawa ON |
| СА | Richcraft Homes Ltd.           |   | Ottawa ON |
| СА | Minto Developments Inc.        |   | Ottawa ON |
| СА | Minto Developments Inc.        |   | Ottawa ON |
| CA | Minto Developments Inc.        |   | Ottawa ON |
| CA | Minto Communities Inc.         |   | Ottawa ON |
| CA | Minto Developments Inc.        |   | Ottawa ON |
| CA | Minto Developments Inc.        |   | Ottawa ON |
| CA | Minto Developments Inc.        |   | Ottawa ON |
| CA | Minto Developments Inc.        |   | Ottawa ON |
| CA | Minto Developments Inc.        |   | Ottawa ON |
| CA | Minto Developments Inc.        |   | Ottawa ON |
| CA | Minto Developments Inc.        |   | Ottawa ON |
| CA | Minto Developments Inc.        |   | Ottawa ON |
| CA | Minto Developments Inc.        |   | Ottawa ON |

| СА   | Minto Developments Inc.                    |   | Ottawa ON              |
|------|--|---|------------------------|
| СА   | Minto Developments Inc.                    |   | Ottawa ON              |
| СА   | Minto Developments Inc.                    |   | Ottawa ON              |
| СА   | Richcraft Homes Ltd.                       |   | Ottawa ON              |
| CA   | Minto Developments Inc.                    |   | Ottawa ON              |
| СА   | Minto Developments Inc.                    |   | Ottawa ON              |
| СА   | Taggart Construction Limited               | Mobile Facility   | Ottawa ON              |
| СА   | Minto Developments Inc.                    |   | Ottawa ON              |
| СА   | Minto Developments Inc.                    |   | Ottawa ON              |
| CA   |  | Part of Lots 5 and 6, Conc. 3 Page Rd and Hydro<br>Corridor Pt 2, Ref Plan 5R-14021 | Ottawa ON              |
| СА   |  | Page Rd Allowance bwt Lots 5 and 6, Conc. III                                       | Ottawa ON              |
| СА   | Chapel Hill Subdivision - Stage 9          | Lots 6 and 7, Concession 3  | Gloucester ON          |
| СА   | Chapel Hill Subdivision - Stage 9          | Lots 6 and 7, Concession 3  | Gloucester ON          |
| CA   | R.M. OF OTTAWA-CARLETON                    | CONC. 3, LOTS 7-13  | GLOUCHESTER CITY<br>ON |
| CA   | MINTO DEVELOPMENTS INC.                    | LOT 7,C.3/CHAPEL HILL S.PH.V11  | GLOUCESTER ON          |
| CA   | MINTO DEVELOPMENTS INC.                    | LOT 7,C.3/CHAPEL HILL S.PH.V11  | GLOUCESTER ON          |
| CA   | MINTO DEVELOPMENTS INC.                    | AUBURN RIDGE DR./PAGE RD.   | GLOUCESTER CITY ON     |
| CA   | MINTO DEVELOPMENTS INC.                    | ST. #3/AUBURN RIDGE DR/PAGE RD  | GLOUCESTER CITY ON     |
| CA   | MINTO DEVELOPMENTS INC<br>CHAPEL HILL SOUT | STORMWATER MANAGEMENT POND  | GLOUCESTER CITY ON     |
| CA   | MICHEL LAMARCHE<br>ENTERPRISES INC.        | PAGE ROAD X-7-1094-89   | GLOUCESTER CITY ON     |
| CA   | APEX CONST. (VAULTEX<br>CONST.)            | NAVAN RD.   | GLOUCESTER CITY ON     |
| CA   | GLOUCESTER CITY                            | NAVAN RD.   | GLOUCESTER CITY ON     |
| CONV | Taggart Construction Limited               |   | Ottawa ON              |

| CONV | AECON CONSTRUCTION AND<br>MATERIAL |                                       | ON        |         |
|------|------------------------------------|---------------------------------------|-----------|---------|
| EBR  | Taggart Construction Limited       | Mobile Facility Ottawa Ontario Ottawa | ON        |         |
| EBR  | Richcraft Homes Ltd.               | Ottawa, ON Canada                     | ON        |         |
| EBR  | Marcel Brazeau Limited             |                                       | ON        |         |
| EBR  | Minto Communities Inc.             | Ottawa, Ontario CITY OF OTTAWA        | ON        |         |
| EBR  | Minto Communities                  |                                       | ON        |         |
| ECA  | Claridge Homes (Carson) Inc.       | Renaud Rd                             | Ottawa ON | K2P 0M6 |
| ECA  | Richcraft Homes Ltd.               |                                       | Ottawa ON | K1G 4K1 |
| ECA  | Minto Developments Inc.            |                                       | Ottawa ON | K1R 7Y2 |
| ECA  | Minto Communities Inc.             |                                       | Ottawa ON | K1P 0B6 |
| ECA  | City of Ottawa                     | Brian Coburn Boulevard                | Ottawa ON | K2G 6J8 |
| ECA  | Minto Communities Inc.             |                                       | Ottawa ON | K1P 0B6 |
| ECA  | Minto Communities Inc.             |                                       | Ottawa ON | K1P 0B6 |
| ECA  | Richcraft Homes Ltd.               |                                       | Ottawa ON | K1G 4K1 |
| ECA  | Minto Communities Inc.             |                                       | Ottawa ON | K1P 0B6 |
| ECA  | Minto Communities Inc.             |                                       | Ottawa ON | K1P 0B6 |
| ECA  | Minto Communities Inc.             |                                       | Ottawa ON | K1P 0B6 |
| ECA  | Minto Communities Inc.             |                                       | Ottawa ON | K1P 0B6 |
| ECA  | Tamarack (Mer Bleu) Corporation    | Brian Coburn Boulevard                | Ottawa ON | K1V 8Y3 |
| ECA  | Minto Communities Inc.             |                                       | Ottawa ON | K1P 0B6 |
| ECA  | Minto Communities Inc.             |                                       | Ottawa ON | K1P 0B6 |
| ECA  | Taggart Construction Limited       | Mobile Facility                       | Ottawa ON | K1V 8Y3 |
| ECA  | Richcraft Homes Ltd.               |                                       | Ottawa ON | K1G 4K1 |

| ECA  | Richcraft Homes Ltd.                        |   | Ottawa ON          | K1G 4K1 |
|------|---|---|--------------------|---------|
| ECA  | Minto Communities Inc.                      |   | Ottawa ON          | K1P 0B6 |
| ECA  | Minto Developments Inc.                     | City of Cumberland  | Cumberland ON      | K1R 7Y2 |
| ECA  | City of Ottawa                              | Navan Road  | Ottawa ON          | K1S 5K2 |
| ECA  | Minto Communities Inc.                      |   | Ottawa ON          | K1P 0B6 |
| ECA  | Minto Communities Inc.                      |   | Ottawa ON          | K1P 0B6 |
| ECA  | City of Ottawa                              | Navan Rd  | Ottawa ON          | K2G 6J8 |
| ECA  | KNL Developments Inc.                       | Goulbourn Forced Rd (Lots 6-9, Concessions 2-3)   | Ottawa ON          | K1G 2H5 |
| ECA  | Minto Communities Inc.                      |   | Ottawa ON          | K1P 0B6 |
| ECA  | City of Ottawa                              | Brian Coburn Blvd Navan Road  | Ottawa ON          | K2G 6J8 |
| ECA  | Minto Communities Inc.                      |   | Ottawa ON          | K1P 0B6 |
| ECA  | Minto Communities Inc.                      |   | Ottawa ON          | K1P 0B6 |
| ECA  | The Corporation of the City of Ottawa       | Brian Coburn Boulevard  | Ottawa ON          | K2G 7E6 |
| GEN  | OTTAWA-CARLTON,<br>REGIONAL MUN OF          | REGIONAL ROAD #28 (NAVAN ROAD) C/O 175<br>LORETTA AVENUE NORTH                              | OTTAWA ON          | K1Y 2Z7 |
| GEN  | OTTAWA-CARLTON,<br>REGIONAL MUNIPALITY OF   | REGIONAL ROAD #28 (NAVAN ROAD)<br>BETWEEN NAVAN AND SARSFIELD                               | CUMBERLAND ON      |         |
| GEN  | OTTAWA-CARLTON,<br>REGIONAL MUN OF 29-004   | REGIONAL ROAD #28 (NAVAN ROAD) C/O 175<br>LORETTA AVENUE NORTH                              | OTTAWA ON          | K1Y 2Z7 |
| GEN  | OTTAWA-CARLTON,<br>REGIONAL MUNICIPALITY OF | REGIONAL ROAD #28 (NAVAN ROAD)<br>BETWEEN NAVAN AND SARSFIELD                               | CUMBERLAND ON      |         |
| PTTW | Burnside Sand & Gravel Limited              | Pond A Address: Lots 6 7 and 8 Concession 4,<br>Ottawa, City District Office: Ottawa NEPEAN | ON                 |         |
| PTTW | Burnside Sand & Gravel Limited              | Lots 6 7 and 8, Concession 4, City of Ottawa<br>CITY OF OTTAWA                              | ON                 |         |
| PTTW | Minto Communities Inc.                      |   | ON                 |         |
| PTTW | Minto Communities Inc.                      |   | ON                 |         |
| PTTW | Minto Communities Inc.                      |   | ON                 |         |
| SPL  | PERMANENT CONCRETE                          | REGIONAL RD. 28, 1 MI. E. OF NAVAN NAVAN<br>PLANT LOT 9, CONCESSION 6                       | CUMBERLAND TWP. ON |         |

| SPL | Taggart Construction Limited | Findlay Creek Subdivision   | Ottawa ON                 |
|-----|------------------------------|---|---------------------------|
| SPL | NAVRO INC                    | ON MR. CALLAHAN PROPERTY NAVAN ROAD<br>GLOUCESTER PLANT NAVAN ROAD    | GLOUCESTER CITY ON        |
| SPL | PERMANENT CONCRETE           | REGIONAL RD. 28, 1 MI. E. OF NAVAN NAVAN<br>PLANT LOT 9, CONCESSION 6 | OTTAWA CITY ON            |
| SPL | City of Ottawa               | and Page Road   | Ottawa ON                 |
| SPL | Taggart Construction Limited |   | Ottawa ON                 |
| SPL | BFI                          | 5 KM EAST OF NAVAN ON REG ROAD 28.<br>MOTOR VEHICLE (OPERATING FLUID) | CUMBERLAND<br>TOWNSHIP ON |

## **Unplottable Report**

#### Site: Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:** 

8733-8J9RH6 2011 7/28/2011 Municipal and Private Sewage Works Approved

7226-6GLJQM

2011 6/24/2011

Approved

#### Ashcroft Homes - Eastboro Inc. Site: Renaud Road Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: **Client Postal Code: Project Description:** Contaminants: **Emission Control:** 

Site: Richcraft Homes Ltd. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address:** Client City: Client Postal Code: Project Description: Contaminants: **Emission Control:** 

9817-7WNR3C 2009 10/15/2009 Municipal and Private Sewage Works Approved

Municipal and Private Sewage Works

Database: CA

Database: CA

Database: CA

Site: Minto Developments Inc. Ottawa ON

#### Certificate #:

9152-65XHVP

#### Order No: 21031000068

Database: CA

Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 2004 10/21/2004 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Richcraft Homes Ltd. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 9080-5UYQRL 2004 1/8/2004 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 8418-76APWL 2007 8/22/2007 Municipal and Private Sewage Works Approved

## <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 8133-65GMW9 2004 10/6/2004 Municipal and Private Sewage Works Approved Database: CA

Database: CA

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7996-5Q7RGN 2003 8/12/2003 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7788-6XDSAP 2007 1/19/2007 Municipal and Private Sewage Works Revoked and/or Replaced Database: CA

Database: CA

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7677-7DPNN3 2008 5/1/2008 Municipal and Private Sewage Works Approved Database: CA

Database: CA

## <u>Site:</u> Richcraft Homes Ltd. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: 7432-7UVKBU 2009 8/13/2009 Municipal and Private Sewage Works Approved

167

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

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7355-6M4TMP 2006 2/20/2006 Municipal and Private Sewage Works Approved Database: CA

Database:

СА

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7163-5SYQ3M 2003 11/14/2003 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7043-6P2REB 2006 4/20/2006 Municipal and Private Sewage Works Approved

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: 6733-5NSKZ9 2003 Database: CA

168



Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 6/23/2003 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Claridge Homes (Carson) Inc. Renaud Rd Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 6667-7P8R2K 2009 2/13/2009 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 6380-6JGQ7B 2005 12/29/2005 Municipal and Private Sewage Works Revoked and/or Replaced

#### Database: CA

Database: CA

#### <u>Site:</u> Ashcroft Homes - Eastboro Inc. Renaud Road Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1462-8E5P3N 2011 2/23/2011 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Ashcroft Homes - Eastboro Inc. Renaud Road Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 6002-7DAKG9 2008 4/2/2008 Municipal and Private Sewage Works Revoked and/or Replaced

Municipal and Private Sewage Works

2240-8ERLQE 2011

3/14/2011

Approved

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 5963-766KNS 2007 8/21/2007 Municipal and Private Sewage Works Approved

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: 5840-6NRNJD 2006 5/4/2006 Municipal and Private Sewage Works Approved

170

Database: CA

Database: CA

Client Postal Code: Project Description: Contaminants: Emission Control:

#### <u>Site:</u> Minto Developments Inc. Pt Lot 26, Con 6, 4R-11232 Parts 1 &2, Kanata Ward 4 Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 5380-6GGNFK 2005 9/23/2005 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 5109-66JPRR 2004 11/9/2004 Municipal and Private Sewage Works Approved

Database: CA

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 4309-6VTJMR 2006 12/1/2006 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

*Certificate #: Application Year: Issue Date:*  4208-6J7J5T 2005 11/17/2005 Database: CA

Database: CA

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

Municipal and Private Sewage Works Approved

#### Site: Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:** 

3934-5QBL78 2003 9/18/2003 Municipal and Private Sewage Works Approved

Site: Richcraft Homes Ltd. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:** 

3841-632P4R 2004 7/20/2004 Municipal and Private Sewage Works Approved

#### Minto Developments Inc. Site: Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address:** Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:** 

172

3403-5MAJ6D 2003 5/9/2003 Municipal and Private Sewage Works Approved

Database:

СА

Database: CA

Database:

CA

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Costal Code: Project Description: Contaminants: Emission Control: 3360-7H3RCS 2008 8/8/2008 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3324-5PXLMV 2003 7/31/2003 Municipal and Private Sewage Works Approved Database: <mark>CA</mark>

#### <u>Site:</u> Minto Communities Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3058-7JZKTF 2008 10/7/2008 Municipal and Private Sewage Works Approved Database:

Database: CA

Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code:

Minto Developments Inc.

Ottawa ON

2814-68ZN2P 2005 2/2/2005 Municipal and Private Sewage Works Approved

<u>Site:</u>

Certificate #:

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 2803-6XKQB2 2007 1/25/2007 Municipal and Private Sewage Works Approved

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 2539-66USUQ 2004 11/25/2004 Municipal and Private Sewage Works Approved

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 2530-6JULSK 2005 12/16/2005 Municipal and Private Sewage Works Approved

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: 2206-5J5J5M 2003 1/27/2003 Municipal and Private Sewage Works Database:

Database: CA

Database:

Database: CA

Order No: 21031000068



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

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1930-5HZMDY 2003 1/21/2003 Municipal and Private Sewage Works Approved

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1814-73VJMC 2007 6/7/2007 Municipal and Private Sewage Works Approved

## <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: 1688-5ZCP3J Application Year: 2004 5/28/2004 Issue Date: Approval Type: Municipal and Private Sewage Works Status: Approved Application Type: Client Name: **Client Address:** Client City: **Client Postal Code: Project Description:** Contaminants: **Emission Control:** 

## Site: Minto Developments Inc.

175

Database: CA

> Database: CA

> Database: CA

#### Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1530-6QQL2J 2006 7/14/2006 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1462-76TNSQ 2007 9/11/2007 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: 1305-5PNSMF Application Year: 2003 7/22/2003 Issue Date: Approval Type: Municipal and Private Sewage Works Approved Status: Application Type: Client Name: Client Address: Client City: **Client Postal Code: Project Description:** Contaminants: **Emission Control:** 

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: 1297-6SPJ46 2006 8/17/2006 Municipal and Private Sewage Works Approved

Database: CA



Database: CA

-

#### <u>Site:</u> Richcraft Homes Ltd. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1207-5YPRH9 2004 5/6/2004 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1168-67AKKL 2004 12/7/2004 Municipal and Private Sewage Works Revoked and/or Replaced

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1002-6GQJNY 2005 10/3/2005 Municipal and Private Sewage Works Approved

<u>Site:</u> Taggart Construction Limited Mobile Facility Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: 0636-7KEL2F 2008 11/19/2008 Air Approved

177

erisinfo.com | Environmental Risk Information Services

Database: CA

Database: CA

Database: CA

Database: CA

Order No: 21031000068

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

#### Site: Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:** 

0523-7EVPTJ 2008 8/21/2008 Municipal and Private Sewage Works Approved

Site: Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address:** Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:** 

0681-67QTZP 2005 1/11/2005 Municipal and Private Sewage Works Approved

Site:

Part of Lots 5 and 6, Conc. 3 Page Rd and Hydro Corridor Pt 2, Ref Plan 5R-14021 Ottawa ON

Site:

178

Page Rd Allowance bwt Lots 5 and 6, Conc. III Ottawa ON

Database: CA

Database: CA

Database:

CA

Database: CA

Order No: 21031000068

| Certificate #:       | 4785-4XFRCP  |
|----------------------|--|
| Application Year:    | 01   |
| Issue Date:          | 6/8/01   |
| Approval Type:       | Municipal & Private sewage   |
| 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: | The works consist of installation of about 240 m of twin forcemains (300 mm and 400 mm dia.) that will become part of the future Forest Valley P.S. forcemains. The works will be done at this time to take advantage of the road construction. The works include connection to the existing M. H. (bulkheads will be provided at stub ends) and installation of the drain chamber. The forcemains is located within Page Road from approximately 40 m south of Montpelier PL to approximately 280 m south of Montpelier PL. |
| Contaminants:        |  |

Contaminants: Emission Control:

### <u>Site:</u> Chapel Hill Subdivision - Stage 9 Lots 6 and 7, Concession 3 Gloucester ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7464-4TWJ5Q O1 3/16/01 Municipal & Private sewage Approved New Certificate of Approval Minto Developments Inc. 427 Laurier Ave. West Ottawa K1R 7Y2 This proposal is for the construction of a storm water managment facility to serve Chapel Hill Subdivision, Stage 9.

### <u>Site:</u> Chapel Hill Subdivision - Stage 9 Lots 6 and 7, Concession 3 Gloucester ON

| Certificate #:       | 7337-4VAJB8   |
|----------------------|---|
| Application Year:    | 01  |
| Issue Date:          | 4/2/01  |
| Approval Type:       | Municipal & Private sewage  |
| Status:              | Approved  |
| Application Type:    | New Certificate of Approval   |
| Client Name:         | Minto Developments Inc.   |
| Client Address:      | 427 Laurier Avenue West, Suite 300  |
| Client City:         | Ottawa  |
| Client Postal Code:  | K1R 7Y2   |
| Project Description: | This application is for construction of sanitary sewage pumping station and installation of sanitary force mains to<br>serve Chapel Hill Subdivision- Stage 9 |
| Contaminants         |   |

Contaminants: Emission Control:

## <u>Site:</u> R.M. OF OTTAWA-CARLETON CONC. 3, LOTS 7-13 GLOUCHESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: 3-0245-96-96 4/17/1996 Municipal sewage Cancelled



Database:

Database:

CA

179

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

#### <u>Site:</u> MINTO DEVELOPMENTS INC. LOT 7,C.3/CHAPEL HILL S.PH.V11 GLOUCESTER ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7-0152-98-98 3/24/1998 Municipal water Approved

### <u>Site:</u> MINTO DEVELOPMENTS INC. LOT 7,C.3/CHAPEL HILL S.PH.V11 GLOUCESTER ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-0252-98-98 3/24/1998 Municipal sewage Approved

## <u>Site:</u> MINTO DEVELOPMENTS INC. AUBURN RIDGE DR./PAGE RD. GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-0774-94-94 7/11/1994 Municipal sewage Approved

### <u>Site:</u> MINTO DEVELOPMENTS INC. ST. #3/AUBURN RIDGE DR/PAGE RD GLOUCESTER CITY ON

Certificate #:

erisinfo.com | Environmental Risk Information Services

3-0614-94-

Database: CA

Database:

Database: CA



Database:

CA



Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 94 6/29/1994 Municipal sewage Approved

#### <u>Site:</u> MINTO DEVELOPMENTS INC.-CHAPEL HILL SOUT STORMWATER MANAGEMENT POND GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-0640-90-90 6/12/1990 Municipal sewage Approved

#### <u>Site:</u> MICHEL LAMARCHE ENTERPRISES INC. PAGE ROAD X-7-1094-89 GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-1323-89-89 7/17/1989 Municipal sewage Approved

## <u>Site:</u> APEX CONST. (VAULTEX CONST.) NAVAN RD. GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-1234-86-86 9/11/1986 Municipal sewage Approved Database: CA

Database: CA

#### <u>Site:</u> GLOUCESTER CITY NAVAN RD. GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

<u>Site:</u> Taggart Construction Limited Ottawa ON

012802

File No: Crown Brief No: Court Location: Publication City: Publication Title: Act: Act(s): First Matter: Second Matter: Investigation 1: Investigation 2: Penalty Imposed: Description:

Taggart Construction Limited, Paterson Group Inc. and Robert Passmore have been fined \$5,000 each, totalling \$15,000 plus a victim fine surcharge, after pleading guilty on January 15, 2009 to violations under the Ontario Water Resources Act. Taggart Construction Limited and Paterson Group Inc. were convicted of failing to comply with a Provincial Officer Order by taking more than 50,000 litres of water per day, and Mr. Passmore was convicted of giving false or misleading information to the ministry. The parties were given six months to pay the fine. The Court heard that Taggart Construction Limited was contracted by a developer to install municipal services at a subdivision in Ottawa which required dewatering activities. After being issued a Provincial Officer Order to restrict water taking activities to below 50,000 litres per day until a permit had been obtained, Taggart hired Paterson Group Inc. to submit an application for the permit. Taggart then pumped over 50,000 litres of water based on information provided by Paterson Group employee, Mr. Passmore, that the go ahead to pump had been given when a permit had yet to be issued. In an interview with ministry investigators, Mr. Passmore denied giving Taggart verbal approval to pump in excess of 50,000 litres per day. Taggart Construction Limited, Paterson Group Inc. and Mr. Passmore were charged following an investigation by the Ministry of the Environment's Investigations and Enforcement Branch.

Location:

Ministry District:

Region:

Background: URL:

### Additional Details

| Count:1Act:OWRA                                 |
|---|
|   |
|   |
| Regulation:                                     |
| Section:  |
| Act/Regulation/Section: OWRA                    |
| Date of Offence:                                |
| Date of Conviction:                             |
| Date Charged: January 15, 2009                  |
| Charge Disposition: fine, victim fine surcharge |
| <i>Fine:</i> \$5,000                            |
| Synopsis:                                       |

3-2067-87-87 11/17/1987 Municipal sewage Approved

Database: CONV

#### AECON CONSTRUCTION AND MATERIAL Site:

| <u>Site:</u> AECON CONST<br>ON  | RUCTION AND MATERIAL                       |  |                            | Database<br>CONV |
|---|--|--|----------------------------|------------------|
| File No:<br>Crown Brief No:<br>Court Location:<br>Publication City:<br>Publication Title:   | 98-0000-9004                               | Location:<br>Region:<br>Ministry District: | EASTERN REGION             |                  |
| Act:<br>Act(s):<br>First Matter:<br>Second Matter:<br>Investigation 1:<br>Investigation 2:<br>Penalty Imposed:<br>Description:<br>Background:<br>URL: | THIS IS THE EASTERN                        | I BRIEF FOR ALL P.O.A. TICKETS             |                            |                  |
| Additional Details  |  |  |                            |                  |
| Publication Date:   |  |  |                            |                  |
| Count:  | 1<br>OWRA                                  |  |                            |                  |
| Act:<br>Regulation:   | OWRA                                       |  |                            |                  |
| Section:  | 34(8)                                      |  |                            |                  |
| Act/Regulation/Section:   |  |  |                            |                  |
| Date of Offence:  | (-)  |  |                            |                  |
| Date of Conviction:   |  |  |                            |                  |
| Date Charged:   | 11/1/01                                    |  |                            |                  |
| Charge Disposition:   | SUSPENDED SENTEN                           | CE   |                            |                  |
| Fine:   | \$305.00                                   |  |                            |                  |
| Synopsis:   |  |  |                            |                  |
| <u>Site:</u> Taggart Constr<br>Mobile Facility  | uction Limited<br>Ottawa Ontario Ottawa ON |  |                            | Database<br>EBR  |
| EBR Registry No:  | IA07E0165                                  | Decision Posted:                           |                            |                  |
| Ministry Ref No:  | 8556-6XWUA3                                | Exception Posted:                          |                            |                  |
| Notice Type:  | Instrument Decision                        | Section:                                   |                            |                  |
| Notice Stage:   |  | Act 1:                                     |                            |                  |
| Notice Date:  | December 09, 2008                          | Act 2:                                     |                            |                  |
| Proposal Date:  | January 30, 2007                           | Site Location Map:                         |                            |                  |
| Year:<br>Instrument Type:   | 2007 (EPA s. 9) - Approval for             | r discharge into the natural environment o | ther than water (i.e. Air) |                  |
| Off Instrument Name:<br>Posted By:  |  | r discharge into the natural environment o |                            |                  |
|   | Taggart Construction Lir                   | mited                                      |                            |                  |
|   |  |  |                            |                  |
|   |  |  |                            |                  |
| Site Address:   |  |  |                            |                  |
| Site Address:<br>Location Other:<br>Proponent Name:   |  |  |                            |                  |
| Site Address:<br>Location Other:<br>Proponent Name:<br>Proponent Address:<br>Comment Period:  | 3187 Albion Rd S, Ottav                    | va Ontario, K1V 8Y3                        |                            |                  |
| Company Name:<br>Site Address:<br>Location Other:<br>Proponent Name:<br>Proponent Address:<br>Comment Period:<br>URL:<br>Site Location Details:       | 3187 Albion Rd S, Ottav                    | va Ontario, K1V 8Y3                        |                            |                  |
| Site Address:<br>Location Other:<br>Proponent Name:<br>Proponent Address:<br>Comment Period:<br>URL:  |  | va Ontario, K1V 8Y3                        |                            |                  |

#### Database: EBR Richcraft Homes Ltd. Site: Ottawa, ON Canada ON EBR Registry No: Ministry Ref No: 019-1273 **Decision Posted:** KV-C-001-18 Exception Posted: Notice Type: Instrument Section: Section 17 (2) (c)

183

erisinfo.com | Environmental Risk Information Services

| Notice Stage:        | Proposa  | l                            | Act 1:                                   | Endangered Species Act, R.S.O. 2007 |
|----------------------|----------|------------------------------|--|-------------------------------------|
| Notice Date:         |          |                              | Act 2:                                   | Endangered Species Act, 2007        |
| Proposal Date:       | February | y 27, 2020                   | Site Location Map:                       |                                     |
| Year:                | 2020     |                              |  |                                     |
| Instrument Type:     |          | Permit for activities to ach | hieve an overall benefit to a species    |                                     |
| Off Instrument Name: |          | Permit for activities with c | conditions to achieve overall benefit to | o the species (ESA s.17(2) (c))     |
| Posted By:           |          |                              | ent, Conservation and Parks              |                                     |
| Company Name:        |          | 5                            |  |                                     |
| Site Address:        |          | Ottawa,                      |  |                                     |
|                      |          | ON                           |  |                                     |
|                      |          | Canada                       |  |                                     |
| Location Other:      |          |                              |  |                                     |
| Proponent Name:      |          | Richcraft Homes Ltd.         |  |                                     |
| Proponent Address:   |          | 2280 St. Laurent Bouleva     | ard                                      |                                     |
|                      |          | Unit 201                     |  |                                     |
|                      |          | Ottawa,                      |  |                                     |
|                      |          | ON                           |  |                                     |
|                      |          | K1G4K1                       |  |                                     |
|                      |          | Canada                       |  |                                     |
| Comment Period:      |          | February 27, 2020 - Marc     | ch 28, 2020 (30 days) Closed             |                                     |
| URL:                 |          | https://ero.ontario.ca/notio | ce/019-1273                              |                                     |
|                      |          |                              |  |                                     |

## Site Location Details:

Part of Lot 8, Concession 1 in the Geographic Township of March, Ottawa.

| <u>Site:</u> Marcel Brazeau<br>ON  | ı Limited   |   | Database:<br>EBR   |
|--|---|---|--|
| EBR Registry No:<br>Ministry Ref No:<br>Notice Type:<br>Notice Stage:<br>Notice Date:<br>Proposal Date:<br>Year: | 019-2113<br>Instrument<br>Decision<br>July 23, 2020<br>2020   | Decision Posted:<br>Exception Posted:<br>Section:<br>Act 1:<br>Act 2:<br>Site Location Map: | November 10, 2020<br>Section 13 (3.1)<br>Aggregate Resources Act, R.S.O. 1990<br>Aggregate Resources Act |
| Instrument Type:<br>Off Instrument Name:<br>Posted By:<br>Company Name:<br>Site Address:<br>Location Other:      | Changes to the site plan<br>Approval of licensee prop<br>Ministry of Natural Resou  | posed amendment to a site plan  |  |
| Proponent Name:<br>Proponent Address:<br>Comment Period:   | Marcel Brazeau Limited<br>Marcel Brazeau Limited<br>PO Box 231<br>Gloucester,<br>ON<br>K1G 3N5<br>Canada<br>July 23, 2020 - August 2: | 4, 2020 (32 days) Closed  |  |
| URL:<br>Site Location Details:   | https://ero.ontario.ca/noti   |   |  |
| The site is located south  | RF, Geographic Township of Nepean<br>of Barrhaven, in the City of Ottawa, o   |   |  |

The site is Aggregate Resources Act Licence No. 4219. A link showing sites licensed under the Aggregate Resources Act is provided: https://tits.ontario.ca/page/find-pits-and-quarries

#### <u>Site:</u> Minto Communities Inc. Ottawa, Ontario CITY OF OTTAWA ON

013-0315 EBR Registry No:

**Decision Posted:** 

Database: EBR

| Ministry Ref No:<br>Notice Type:<br>Notice Stage:<br>Notice Date:<br>Proposal Date:<br>Year:<br>Instrument Type:<br>Off Instrument Name:<br>Posted By:<br>Company Name:<br>Site Address:<br>Location Other:<br>Proponent Name:<br>Proponent Address:<br>Comment Period:<br>URL: | MNRF INST 30/17<br>Instrument Decision<br>September 28, 2017<br>April 10, 2017<br>(ESA s.17(2) (c)) - Permit for activit<br>Minto Communities Inc.<br>180 Kent Street , Suite 200, Ottawa<br>200, Ottawa Ontario, Canada K1P                                | a Ontario, Canada K1P 0B6,  | e overall benefit to the species<br>Minto Communities Inc., 180 Kent Street , Suite        |
|---|---|---|--|
| Site Location Details:  |   |   |  |
| Ottawa, Ontario CITY OF   | OTTAWA  |   |  |
|   |   |   |  |
| <u>Site:</u> Minto Commun<br>ON   | nities  |   | Database:<br>EBR   |
| EBR Registry No:<br>Ministry Ref No:<br>Notice Type:<br>Notice Stage:<br>Notice Date:<br>Proposal Date:   | 019-2808<br>KV-C-001-19<br>Instrument<br>Proposal<br>December 4, 2020   | Decision Posted:<br>Exception Posted:<br>Section:<br>Act 1:<br>Act 2:<br>Site Location Map: | Section 17 (2) (c)<br>Endangered Species Act , R.S.O. 2007<br>Endangered Species Act, 2007 |
| Year:<br>Instrument Type:<br>Off Instrument Name:<br>Posted By:<br>Company Name:<br>Site Address:<br>Location Other:<br>Proponent Name:<br>Proponent Address:   | 2020<br>Permit for activities to achieve an o<br>Permit for activities with conditions<br>Ministry of the Environment, Conse<br>Minto Communities<br>180 Kent Street<br>Unit 200<br>Ottawa,<br>ON<br>K1P 0B6<br>Canada<br>December 4, 2020 - January 3, 202 | verall benefit to a species<br>to achieve overall benefit to<br>rvation and Parks           | the species (ESA s.17(2) (c))  |
| URL:  | https://ero.ontario.ca/notice/019-28  | 08  |  |

Site Location Details:

Part of Lot 12, Concession 4, Township of March, Ottawa

| <u>Site:</u> | •         | mes (Carson) Inc.<br>Ottawa ON K2P 0M6 |                      | Database:<br>ECA |
|--------------|-----------|--|----------------------|------------------|
| Approv       | al No:    | 6667-7P8R2K                            | MOE District:        |                  |
| Approv       | al Date:  | 2009-02-13                             | City:                |                  |
| Status:      | ,         | Approved                               | Longitude:           |                  |
| Record       | Type:     | ECA                                    | Latitude:            |                  |
| Link So      | ource:    | IDS                                    | Geometry X:          |                  |
| SWP A        | rea Name: |  | Geometry Y:          |                  |
| Approv       | al Type:  | ECA-MUNICIPAL AND                      | PRIVATE SEWAGE WORKS |                  |
| Project      | ••        | MUNICIPAL AND PRIV                     | ATE SEWAGE WORKS     |                  |

## https://www.accessenvironment.ene.gov.on.ca/instruments/0490-7NYR9F-14.pdf

| <u>Site:</u> Richcraft Ho.<br>Ottawa ON  |  |   | Database<br>ECA |
|--|--|---|-----------------|
| Approval No:   | 9080-5UYQRL  | MOE District:   |                 |
| pproval Date:  | 2004-01-08   | City:   |                 |
| tatus:   | Approved   | Longitude:  |                 |
| ecord Type:  | ECA  | Latitude:   |                 |
| ink Source:  | IDS  | Geometry X:   |                 |
| WP Area Name:  | 126  | Geometry Y:   |                 |
| pproval Type:  |  | RIVATE SEWAGE WORKS   |                 |
|  | MUNICIPAL AND PRIVA  |   |                 |
| Project Type:<br>ddress:   | MUNICIPAL AND PRIVA  | IL SEWAGE WORKS   |                 |
| ull Address:   |  |   |                 |
| ull PDF Link:  | https://www.accessenviro   | nment.ene.gov.on.ca/instruments/5802-5UQM74-14  | .pdf            |
| <u>Site:</u> Minto Develo<br>Ottawa ON   |  |   | Database<br>ECA |
| annyayal Na  | 4400 552040  | MOE District  |                 |
| pproval No:  | 4490-5SYQAN  | MOE District:   |                 |
| pproval Date:  | 2003-11-14   | City:   |                 |
| tatus:   | Approved   | Longitude:  |                 |
| ecord Type:  | ECA  | Latitude:   |                 |
| ink Source:  | IDS  | Geometry X:   |                 |
| WP Area Name:  |  | Geometry Y:   |                 |
| pproval Type:  | ECA-Municipal Drinking V   |   |                 |
| Project Type:  | Municipal Drinking Water   | Systems   |                 |
| ddress:  |  |   |                 |
|  |  |   |                 |
| Full Address:  |  |   |                 |
| Full PDF Link:   |  |   |                 |
| Full PDF Link:   |  |   | Database<br>ECA |
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**MOE District:** 

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3053-8YJNWU **MOE District:** 2012-10-01 City: Approved Longitude: Latitude: Geometrv X: Geometry Y: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS

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1554-8Y2HZ6 **MOE District:** 2012-09-14 City: Revoked and/or Replaced Longitude: ECA Latitude: IDS Geometry X: Geometry Y: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS

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#### Tamarack (Mer Bleu) Corporation Site: Brian Coburn Boulevard Ottawa ON K1V 8Y3

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3522-8S8JMQ MOE District: 2012-03-12 City: Approved Longitude: ECA Latitude: IDS Geometry X: Geometry Y: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS Brian Coburn Boulevard

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#### Minto Communities Inc. Site: Ottawa ON K1P 0B6

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ECA-Municipal and Private Water Works Municipal and Private Water Works

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|   | lopments Inc.<br>Iberland Cumberland ON K1R 7Y2   |  | Database<br>ECA             |
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https://www.accessenvironment.ene.gov.on.ca/instruments/1769-AKEQQZ-14.pdf

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| Approval No:  | 3128-AQGJ6T   | MOE District:   |                                      |
| Approval No.<br>Approval Date:  | 2017-08-23  |   |                                      |
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https://www.accessenvironment.ene.gov.on.ca/instruments/7723-AYKNXD-14.pdf

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| Approv<br>Project<br>Addres<br>Full Ad<br>Full PD<br><u>Site:</u><br>Approv<br>Status:<br>Record<br>Link So<br>SWP An<br>Approv | The Corpora<br>The Corpora<br>Brian Coburn<br>val No:<br>val Date:<br>I Type:<br>ource:<br>rea Name:<br>val Type: | tion of the City of Ottawa<br>n Boulevard Ottawa ON K2G<br>1230-A4LPM6<br>2015-12-02<br>Approved<br>ECA<br>IDS<br>ECA-MUNICIPAI | 7E6<br>MOE District:<br>City:<br>Longitude:<br>Latitude:<br>Geometry X:<br>Geometry Y:<br>L AND PRIVATE SEWAGE WORKS | Databas               |  |  |
| Approv<br>Project<br>Addres<br>Full Ad<br>Full PD<br><u>Site:</u><br>Approv<br>Status:<br>Record<br>Link So<br>SWP Ai           | The Corpora<br>The Corpora<br>Brian Coburn<br>val No:<br>val Date:<br>I Type:<br>ource:<br>rea Name:<br>val Type: | tion of the City of Ottawa<br>n Boulevard Ottawa ON K2G<br>1230-A4LPM6<br>2015-12-02<br>Approved<br>ECA<br>IDS<br>ECA-MUNICIPAI | 7E6<br>MOE District:<br>City:<br>Longitude:<br>Latitude:<br>Geometry X:<br>Geometry Y:                               | Databas               |  |  |
| Approv<br>Project<br>Addres<br>Full Ad<br>Full PD<br>Site:<br>Approv<br>Status:<br>Record<br>ink So<br>SWP An<br>Approv         | The Corpora<br>The Corpora<br>Brian Coburn<br>val No:<br>val Date:<br>I Type:<br>ource:<br>rea Name:<br>val Type: | tion of the City of Ottawa<br>n Boulevard Ottawa ON K2G<br>1230-A4LPM6<br>2015-12-02<br>Approved<br>ECA<br>IDS<br>ECA-MUNICIPAI | 7E6<br>MOE District:<br>City:<br>Longitude:<br>Latitude:<br>Geometry X:<br>Geometry Y:<br>L AND PRIVATE SEWAGE WORKS | Databas               |  |  |

https://www.accessenvironment.ene.gov.on.ca/instruments/2099-A48M46-14.pdf

| REG   |  |  | 'GIONAL MUN OF<br>IAVAN ROAD) C/O 175 LORETTA A   | VENUE NORTH OTTAWA ON K1Y 2Z7   | Database<br>GEN |
|---|--|--|---|---|-----------------|
| Generator N<br>Status:  | lo:  | ON0303   | 100   | PO Box No:<br>Country:  |                 |
| Approval Ye<br>Contam. Fac  | cility:  | 88,89,90   | )   | Choice of Contact:<br>Co Admin:   |                 |
| MHSW Facility:<br>SIC Code:   |  | 8351   |   | Phone No Admin:   |                 |
| SIC Code:<br>SIC Descript   | tion:  | 0331   | EXEC./LEGIS. ADMIN.   |   |                 |
| Detail(s)   |  |  |   |   |                 |
| Waste Class<br>Waste Class  |  |  | 252<br>WASTE OILS & LUBRICANTS  |   |                 |
|   |  |  | GIONAL MUNIPALITY OF<br>IAVAN ROAD) BETWEEN NAVAN A   | ND SARSFIELD CUMBERLAND ON  | Database<br>GEN |
| Generator N   | o:   | ON0303   | 100   | PO Box No:  |                 |
| Status:<br>Approval Ye  | ars:   | 92,93  |   | Country:<br>Choice of Contact:  |                 |
| Contam. Fac   | cility:  |  |   | Co Admin:   |                 |
| MHSW Facili<br>SIC Code:  | ity:   | 8351   |   | Phone No Admin:   |                 |
| SIC Descript  | tion:  | 0001   | EXEC./LEGIS. ADMIN.   |   |                 |
| <u>Detail(s)</u>  |  |  |   |   |                 |
|   |  |  |   |   |                 |
| Waste Class   | 52   |  | 252   |   |                 |
| Waste Class<br>Waste Class  |  |  | 252<br>WASTE OILS & LUBRICANTS  |   |                 |
| Waste Class   | Desc:  | RLTON, RE<br>DAD #28 (N  | WASTE OILS & LUBRICANTS   | VENUE NORTH OTTAWA ON K1Y 2Z7   | Database<br>GEN |
| Waste Class<br><u>Site:</u> OTT<br>REG<br>Generator N   | Desc:<br>TAWA-CAR<br>GIONAL RC   | <b>RLTON, RE</b><br>DAD #28 (N<br>ON0303   | WASTE OILS & LUBRICANTS<br>GIONAL MUN OF 29-004<br>IAVAN ROAD) C/O 175 LORETTA A  | PO Box No:  |                 |
| Waste Class<br><u>Site:</u> OTT<br>REC<br>Generator No<br>Status:   | : Desc:<br>TAWA-CAR<br>GIONAL RC   | OAD #28 (N<br>ON0303   | WASTE OILS & LUBRICANTS<br>GIONAL MUN OF 29-004<br>IAVAN ROAD) C/O 175 LORETTA A  | PO Box No:<br>Country:  |                 |
| Waste Class<br><u>Site:</u> OTT<br>REG<br>Generator N   | : Desc:<br>TAWA-CAR<br>GIONAL RC<br>'o:<br>ears:   | DAD #28 (N   | WASTE OILS & LUBRICANTS<br>GIONAL MUN OF 29-004<br>IAVAN ROAD) C/O 175 LORETTA A  | PO Box No:  | Database<br>GEN |
| Waste Class<br>Site: OTT<br>REC<br>Generator N<br>Status:<br>Approval Ye<br>Contam. Fac<br>MHSW Facili  | : Desc:<br>TAWA-CAR<br>GIONAL RC<br>do:<br>vars:<br>cility:  | <b>DAD #28 (N</b><br>ON0303<br>94,95,96  | WASTE OILS & LUBRICANTS<br>GIONAL MUN OF 29-004<br>IAVAN ROAD) C/O 175 LORETTA A  | PO Box No:<br>Country:<br>Choice of Contact:  |                 |
| Waste Class<br><u>Site:</u> OTT<br>REC<br>Generator N<br>Status:<br>Approval Ye<br>Contam. Fac  | F Desc:<br>TAWA-CAR<br>GIONAL RC<br>o:<br>vars:<br>cility:<br>ity:   | OAD #28 (N<br>ON0303   | WASTE OILS & LUBRICANTS<br>GIONAL MUN OF 29-004<br>IAVAN ROAD) C/O 175 LORETTA A  | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:   |                 |
| Waste Class<br>Site: OTT<br>REC<br>Generator N<br>Status:<br>Approval Ye<br>Contam. Fac<br>MHSW Facili<br>SIC Code:   | F Desc:<br>TAWA-CAR<br>GIONAL RC<br>o:<br>vars:<br>cility:<br>ity:   | <b>DAD #28 (N</b><br>ON0303<br>94,95,96  | WASTE OILS & LUBRICANTS<br>GIONAL MUN OF 29-004<br>IAVAN ROAD) C/O 175 LORETTA A<br>100   | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:   |                 |
| Waste Class<br><u>Site:</u> OTT<br>REC<br>Generator No<br>Status:<br>Approval Yee<br>Contam. Fac<br>MHSW Facill<br>SIC Code:<br>SIC Descript  | Desc:<br>TAWA-CAR<br>GIONAL RC<br>lo:<br>vars:<br>cility:<br>ity:<br>tion:   | <b>DAD #28 (N</b><br>ON0303<br>94,95,96  | WASTE OILS & LUBRICANTS<br>GIONAL MUN OF 29-004<br>IAVAN ROAD) C/O 175 LORETTA A<br>100   | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:   |                 |
| Waste Class<br><u>Site:</u> OTT<br>REC<br>Generator N<br>Status:<br>Approval Ye<br>Contam. Fac<br>MHSW Facili<br>SIC Code:<br>SIC Descript<br><u>Detail(s)</u><br>Waste Class<br>Waste Class<br><u>Site:</u> OTT  | E Desc:<br>TAWA-CAR<br>GIONAL RC<br>o:<br>ears:<br>cility:<br>ity:<br>tion:<br>E Desc:<br>TAWA-CAR                                     | OAD #28 (M<br>ON0303<br>94,95,96<br>8351<br>8351                                       | WASTE OILS & LUBRICANTS<br>GIONAL MUN OF 29-004<br>IAVAN ROAD) C/O 175 LORETTA A<br>100<br>5<br>EXEC./LEGIS. ADMIN.<br>252<br>WASTE OILS & LUBRICANTS<br>GIONAL MUNICIPALITY OF   | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:   |                 |
| Waste Class<br><u>Site:</u> OTT<br>REC<br>Generator No<br>Status:<br>Approval Ye.<br>Contam. Fac<br>MHSW Facill<br>SIC Code:<br>SIC Descript<br>Detail(s)<br>Waste Class<br>Waste Class<br><u>Site:</u> OTT<br>REC<br>Generator No  | E Desc:<br>TAWA-CAR<br>GIONAL RC<br>lo:<br>ars:<br>cility:<br>ity:<br>tion:<br>E Desc:<br>TAWA-CAR<br>GIONAL RC                        | OAD #28 (M<br>ON0303<br>94,95,96<br>8351<br>8351                                       | WASTE OILS & LUBRICANTS<br>GIONAL MUN OF 29-004<br>JAVAN ROAD) C/O 175 LORETTA A<br>100<br>5<br>EXEC./LEGIS. ADMIN.<br>252<br>WASTE OILS & LUBRICANTS<br>GIONAL MUNICIPALITY OF<br>JAVAN ROAD) BETWEEN NAVAN A          | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin:<br>ND SARSFIELD CUMBERLAND ON<br>PO Box No:  | GEN             |
| Waste Class<br><u>Site:</u> OTT<br>REC<br>Generator No<br>Status:<br>Approval Ye<br>Contam. Fac<br>MHSW Facill<br>SIC Code:<br>SIC Descript<br>Detail(s)<br>Waste Class<br>Waste Class<br>Waste Class<br><u>Site:</u> OTT<br>REC<br>Generator No<br>Status:<br>Approval Ye                | TAWA-CAR<br>GIONAL RC<br>GIONAL RC<br>Go:<br>cars:<br>cility:<br>ity:<br>tion:<br>GDesc:<br>TAWA-CAR<br>GIONAL RC<br>Go:<br>cars:      | OAD #28 (M<br>ON0303<br>94,95,96<br>8351<br>8351<br>RLTON, RE<br>DAD #28 (M            | WASTE OILS & LUBRICANTS<br>GIONAL MUN OF 29-004<br>IA VAN ROAD) C/O 175 LORETTA A<br>100<br>5<br>EXEC./LEGIS. ADMIN.<br>252<br>WASTE OILS & LUBRICANTS<br>GIONAL MUNICIPALITY OF<br>IA VAN ROAD) BETWEEN NAVAN A<br>100 | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin:<br>ND SARSFIELD CUMBERLAND ON  | GEN             |
| Waste Class<br><u>Site:</u> OTT<br>REC<br>Generator No<br>Status:<br>Approval Ye<br>Contam. Fac<br>MHSW Facill<br>SIC Code:<br>SIC Descript<br>Detail(s)<br>Waste Class<br>Waste Class<br>Waste Class<br><u>Site:</u> OTT<br>REC<br>Generator No<br>Status:<br>Approval Ye<br>Contam. Fac | A Desc:<br>TAWA-CAR<br>GIONAL RC<br>To:<br>Pars:<br>cility:<br>ity:<br>tion:<br>S:<br>TAWA-CAR<br>GIONAL RC<br>To:<br>Pars:<br>cility: | OAD #28 (N<br>ON0303<br>94,95,96<br>8351<br>8351<br>821TON, RE<br>DAD #28 (N<br>ON0303 | WASTE OILS & LUBRICANTS<br>GIONAL MUN OF 29-004<br>IA VAN ROAD) C/O 175 LORETTA A<br>100<br>5<br>EXEC./LEGIS. ADMIN.<br>252<br>WASTE OILS & LUBRICANTS<br>GIONAL MUNICIPALITY OF<br>IA VAN ROAD) BETWEEN NAVAN A<br>100 | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin:<br>ND SARSFIELD CUMBERLAND ON<br>PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin: | GEN             |
| Waste Class<br><u>Site:</u> OTT<br>REC<br>Generator No<br>Status:<br>Approval Ye<br>Contam. Fac<br>MHSW Facill<br>SIC Code:<br>SIC Descript<br>Detail(s)<br>Waste Class<br>Waste Class<br>Waste Class<br><u>Site:</u> OTT<br>REC<br>Generator No<br>Status:<br>Approval Ye                | A Desc:<br>TAWA-CAR<br>GIONAL RC<br>To:<br>Pars:<br>cility:<br>ity:<br>tion:<br>S:<br>TAWA-CAR<br>GIONAL RC<br>To:<br>Pars:<br>cility: | OAD #28 (N<br>ON0303<br>94,95,96<br>8351<br>8351<br>821TON, RE<br>DAD #28 (N<br>ON0303 | WASTE OILS & LUBRICANTS<br>GIONAL MUN OF 29-004<br>IA VAN ROAD) C/O 175 LORETTA A<br>100<br>5<br>EXEC./LEGIS. ADMIN.<br>252<br>WASTE OILS & LUBRICANTS<br>GIONAL MUNICIPALITY OF<br>IA VAN ROAD) BETWEEN NAVAN A<br>100 | PO Box No:<br>Country:<br>Choice of Contact:<br>Co Admin:<br>Phone No Admin:<br>ND SARSFIELD CUMBERLAND ON<br>PO Box No:<br>Country:<br>Choice of Contact:              | GEN             |

Detail(s)

| Waste Class:      | 252                     |
|-------------------|-------------------------|
| Waste Class Desc: | WASTE OILS & LUBRICANTS |

#### <u>Site:</u> Burnside Sand & Gravel Limited Pond A Address: Lots 6 7 and 8 Concession 4, Ottawa, City District Office: Ottawa NEPEAN ON

| EBR Registry No:<br>Ministry Ref No:<br>Notice Type:<br>Notice Stage:               | 011-7285<br>3728-8XZQCD<br>Instrument Decision | Decision Posted:<br>Exception Posted:<br>Section:<br>Act 1: |
|---|--|---|
| Notice Date:  | January 08, 2014                               | Act 2:  |
| Proposal Date:  | October 03, 2012                               | Site Location Map:  |
| Year:   | 2012   |   |
| Instrument Type:  | (OWRA s. 34) - Permit to Take Water            |   |
| Off Instrument Name:<br>Posted By:  |  |   |
| Company Name:<br>Site Address:  | Burnside Sand & Gravel Limited                 |   |
| Location Other:<br>Proponent Name:<br>Proponent Address:<br>Comment Period:<br>URL: | Burnside Sand & Gravel Limited, 5597           | Power Road, Ottawa Ontario, Canada K1G 3N4                  |

#### Site Location Details:

Pond A Address: Lots 6 7 and 8 Concession 4, Ottawa, City District Office: Ottawa NEPEAN

#### <u>Site:</u> Burnside Sand & Gravel Limited Database: Lots 6 7 and 8, Concession 4, City of Ottawa CITY OF OTTAWA ON PTTW EBR Registry No: 011-7053 **Decision Posted:** 7358-8XFPY5 Ministry Ref No: **Exception Posted:** Notice Type: Instrument Decision Section: Notice Stage: Act 1: September 04, 2012 Notice Date: Act 2: Proposal Date: August 27, 2012 Site Location Map: 2012 Year: (OWRA s. 34) - Permit to Take Water Instrument Type: Off Instrument Name: Posted By: Company Name: Burnside Sand & Gravel Limited Site Address: Location Other: Proponent Name: Proponent Address: Burnside Sand & Gravel Limited, 5597 Power Road, Ottawa Ontario, Canada K1G 3N4 **Comment Period:** URL:

#### Site Location Details:

Lots 6 7 and 8, Concession 4, City of Ottawa CITY OF OTTAWA

#### <u>Site:</u> Minto Communities Inc. ON

EBR Registry No: Ministry Ref No: Notice Type: Notice Stage: 012-0928 8538-9EZNF6 Instrument Decision Decision Posted: Exception Posted: Section: Act 1:



Database:

PTTW

194

| Notice Date:<br>Proposal Date:<br>Year:                | September 02, 2015<br>January 24, 2014<br>2014                               | Act 2:<br>Site Location Map:  |
|--|--|---|
| Instrument Type:<br>Off Instrument Name:<br>Posted By: | (OWRA s. 34) - Permit to Take Water  |   |
| Company Name:<br>Site Address:<br>Location Other:      | Minto Communities Inc.   |   |
| Proponent Name:<br>Proponent Address:                  | 180 Kent Street , Suite 200, Ottawa O<br>200, Ottawa Ontario, Canada K1P 0B( | ntario, Canada K1P 0B6, Minto Communities Inc., 180 Kent Street , Suite |
| Comment Period:<br>URL:                                |  |   |

#### Site Location Details:

Renaud Road Road allowance between Concessions 3 and 4 on Ottawa River, in front of Lots 3 and 4, geographic township of Gloucester City of Ottawa AND Trails Edge, Phase 2 Lots 3 and 4, Concession 3 on Ottawa River, geographic township of Gloucester City of Ottawa CITY OF OTTAWA

| <u>Site:</u> Minto Commu<br>ON | nities Inc.  | Database:<br>PTTW  |
|--------------------------------|--|--|
| EBR Registry No:               | 011-4898   | Decision Posted:   |
| Ministry Ref No:               | 3046-8MLKW5  | Exception Posted:  |
| Notice Type:                   | Instrument Decision  | Section:   |
| Notice Stage:                  |  | Act 1:   |
| Notice Date:                   | December 17, 2014  | Act 2:   |
| Proposal Date:                 | November 04, 2011  | Site Location Map:   |
| Year:                          | 2011   |  |
| Instrument Type:               | (OWRA s. 34) - Permit to Take Wate   | r  |
| Off Instrument Name:           |  |  |
| Posted By:                     |  |  |
| Company Name:                  | Minto Communities Inc.   |  |
| Site Address:                  |  |  |
| Location Other:                |  |  |
| Proponent Name:                |  |  |
| Proponent Address:             | 180 Kent Street , Suite 200, Ottawa (<br>200, Ottawa Ontario, Canada K1P 0 | Ontario, Canada K1P 0B6, Minto Communities Inc., 180 Kent Street , Suite<br>36 |
| Comment Period:                |  |  |

Comment Period: URL:

#### Site Location Details:

Mahogany Community Development Address: Lot: Part of Lots 4 and 5, Concession: A (Broken Front), Ottawa, City District Office: Ottawa GeoReference: Map Datum: NAD83, Zone: 18, Accuracy Estimate: 1-10 metres eg. Good Quality GPS, UTM Easting: 446650, UTM Northing: 5007555, , LIO GeoReference: Zone: , UTM Easting: , UTM Northing: , Latitude: , Longitude: CITY OF OTTAWA

| <u>Site:</u> Minto Commu<br>ON   | nities Inc.  |   | Database:<br>PTTW |
|--|--|---|-------------------|
| EBR Registry No:<br>Ministry Ref No:<br>Notice Type:<br>Notice Stage:<br>Notice Date:<br>Proposal Date:<br>Year:<br>Instrument Type:<br>Off Instrument Name:<br>Posted By: | 012-9800<br>5771-AJEJDR<br>Instrument Decision<br>October 06, 2017<br>February 13, 2017<br>2017<br>(OWRA s. 34) - Permit to Take Water | Decision Posted:<br>Exception Posted:<br>Section:<br>Act 1:<br>Act 2:<br>Site Location Map: |                   |
| Company Name:<br>Site Address:<br>Location Other:  | Minto Communities Inc.   |   |                   |

#### Comment Period: URL:

## Site Location Details:

180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6, Minto Communities Inc., 180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6

Avalon West Community Address: Lot: 3 & Part of Lot 4, Concession: 11, Geographic Township: CUMBERLAND, Ottawa, City District Office: Ottawa GeoReference: Zone: 18, UTM Easting: 461611, UTM Northing: 5032496, UTM Location Description: S1- Lot 3 Concession 11, Site #: 5712-AJEJLA CITY OF OTTAWA

## <u>Site:</u> PERMANENT CONCRETE REGIONAL RD. 28, 1 MI. E. OF NAVAN NAVAN PLANT LOT 9, CONCESSION 6 CUMBERLAND TWP. ON

Database: SPL

Database:

SPL

| Ref No:               | 13090                  | Discharger Report:    |       |
|-----------------------|------------------------|-----------------------|-------|
| Site No:              |                        | Material Group:       |       |
| Incident Dt:          | 12/23/1988             | Health/Env Conseg:    |       |
| Year:                 |                        | Client Type:          |       |
| Incident Cause:       | ABOVE-GROUND TANK LEAK | Sector Type:          |       |
| Incident Event:       |                        | Agency Involved:      |       |
| Contaminant Code:     |                        | Nearest Watercourse:  |       |
| Contaminant Name:     |                        | Site Address:         |       |
| Contaminant Limit 1:  |                        | Site District Office: |       |
| Contam Limit Freq 1:  |                        | Site Postal Code:     |       |
| Contaminant UN No 1:  |                        | Site Region:          |       |
| Environment Impact:   |                        | Site Municipality:    | 20601 |
| Nature of Impact:     | SOIL CONTAMINATION     | Site Lot:             | 2000. |
| Receiving Medium:     | LAND                   | Site Conc:            |       |
| Receiving Env:        |                        | Northing:             |       |
| MOE Response:         |                        | Easting:              |       |
| Dt MOE Arvl on Scn:   |                        | Site Geo Ref Accu:    |       |
| MOE Reported Dt:      | 12/23/1988             | Site Map Datum:       |       |
| Dt Document Closed:   | ,_0,.000               | SAC Action Class:     |       |
| Incident Reason:      | CORROSION              | Source Type:          |       |
| Site Name:            |                        | course rype.          |       |
| Site County/District: |                        |                       |       |
| Site Geo Ref Meth:    |                        |                       |       |
| She Geo her Welli.    |                        |                       |       |

#### <u>Site:</u> Taggart Construction Limited Findlay Creek Subdivision Ottawa ON

Incident Summary: Contaminant Qty:

| Ref No:<br>Site No:<br>Incident Dt:<br>Year:<br>Incident Cause:<br>Incident Event:<br>Contaminant Code:<br>Contaminant Name:   | 4066-82SU3T<br>Discharge Or Bypass To A Watercourse<br>43<br>SEDIMENT(SUSPENDED SOLIDS/ SAND/<br>SILT) | Discharger Report:<br>Material Group:<br>Health/Env Conseq:<br>Client Type:<br>Sector Type:<br>Agency Involved:<br>Nearest Watercourse:<br>Site Address:   |  |
|--|--|--|--|
| Contaminant Limit 1:<br>Contam Limit Freq 1:<br>Contaminant UN No 1:<br>Environment Impact:<br>Nature of Impact:<br>Receiving Medium:<br>Receiving Env:<br>MOE Response:<br>Dt MOE Arvl on Scn:<br>MOE Reported Dt:<br>Dt Document Closed: | Confirmed<br>Surface Water Pollution<br>Planned Field Response<br>2/19/2010<br>2/18/2010               | Site District Office:<br>Site Postal Code:<br>Site Region:<br>Site Municipality:<br>Site Lot:<br>Site Conc:<br>Northing:<br>Easting:<br>Site Geo Ref Accu:<br>Site Map Datum:<br>SAC Action Class: | Environment Canada - Spills at Federal<br>Facilities & Spills of National Interest |

Incident Reason:

Overstress/Pressure - Any form of overloading wherein the design strength of the container was exceeded Findlay Creek<UNOFFICIAL> Source Type:

Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:

Taggart Construction: sediment to Findlay Creek 90 min (duration)

## Site: NAVRO INC

ON MR. CALLAHAN PROPERTY NAVAN ROAD GLOUCESTER PLANT NAVAN ROAD GLOUCESTER CITY ON

Database: SPL

Database:

SPL

| Ref No:<br>Site No:<br>Incident Dt:<br>Year:<br>Incident Cause:<br>Incident Event:<br>Contaminant Code:<br>Contaminant Name:<br>Contaminant Limit 1:<br>Contam Limit Freq 1:<br>Contaminant UN No 1:<br>Environment Impact:<br>Nature of Impact:<br>Receiving Medium:<br>Receiving Env:<br>MOE Response:<br>Dt MOE Arvl on Scn:<br>MOE Reported Dt:<br>Dt Document Closed:<br>Incident Reason:<br>Site Name:<br>Site County/District:<br>Site Geo Ref Meth: | 2118<br>4/5/1988<br>OTHER CONTAINER LEAK<br>LAND<br>4/5/1988<br>UNKNOWN | Discharger Report:<br>Material Group:<br>Health/Env Conseq:<br>Client Type:<br>Sector Type:<br>Agency Involved:<br>Nearest Watercourse:<br>Site Address:<br>Site District Office:<br>Site Postal Code:<br>Site Region:<br>Site Region:<br>Site Region:<br>Site Conc:<br>Site Conc:<br>Northing:<br>Easting:<br>Site Geo Ref Accu:<br>Site Geo Ref Accu:<br>Site Map Datum:<br>SAC Action Class:<br>Source Type: | 20105             |
|---|---|---|-------------------|
| Incident Summary:<br>Contaminant Qty:   | NAVRO INC - UNKNOWN   | AMOUNTH OF LATEX PAINT LEAK 1   | TO NEXT DOOR LAND |

#### <u>Site:</u> PERMANENT CONCRETE REGIONAL RD. 28, 1 MI. E. OF NAVAN NAVAN PLANT LOT 9, CONCESSION 6 OTTAWA CITY ON

Ref No: 619 Discharger Report: Site No: Material Group: Incident Dt: 2/24/1988 Health/Env Conseq: Year: Client Type: Incident Cause: OTHER CAUSE (N.O.S.) Sector Type: Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Contaminant Limit 1: Site District Office: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region: Environment Impact: POSSIBLE Site Municipality: 20101 SOIL CONTAMINATION Site Lot: Nature of Impact: Receiving Medium: LAND Site Conc: Receiving Env: Northing: MOE Response: Easting: Site Geo Ref Accu: Dt MOE Arvl on Scn: MOE Reported Dt: 2/24/1988 Site Map Datum: Dt Document Closed: SAC Action Class: Incident Reason: ERROR Source Type: Site Name: Site County/District: Site Geo Ref Meth: PERMANENT CONCRETE - 2,000 L GASOLINE TO GROUND FROM TANK. Incident Summary: Contaminant Qty:

City of Ottawa and Page Road Ottawa ON

Site:

| una rugo noua         |  |                       |               |
|-----------------------|--|-----------------------|---------------|
| Ref No:               | 5674-9XVE8G  | Discharger Report:    |               |
| Site No:              | NA   | Material Group:       |               |
| Incident Dt:          | 6/27/2015  | Health/Env Conseq:    |               |
| Year:                 |  | Client Type:          |               |
| Incident Cause:       | Overflow/Surcharge                                   | Sector Type:          |               |
| Incident Event:       | -  | Agency Involved:      |               |
| Contaminant Code:     | 44   | Nearest Watercourse:  |               |
| Contaminant Name:     | SEWAGE, RAW UNCHLORINATED                            | Site Address:         | and Page Road |
| Contaminant Limit 1:  |  | Site District Office: | -             |
| Contam Limit Freq 1:  |  | Site Postal Code:     |               |
| Contaminant UN No 1:  |  | Site Region:          |               |
| Environment Impact:   |  | Site Municipality:    | Ottawa        |
| Nature of Impact:     | Land; Surface Water                                  | Site Lot:             |               |
| Receiving Medium:     |  | Site Conc:            |               |
| Receiving Env:        |  | Northing:             | 5031192       |
| MOE Response:         | Ν  | Easting:              | 460088        |
| Dt MOE Arvl on Scn:   |  | Site Geo Ref Accu:    |               |
| MOE Reported Dt:      | 6/27/2015  | Site Map Datum:       |               |
| Dt Document Closed:   |  | SAC Action Class:     | Land Spills   |
| Incident Reason:      | Blockage   | Source Type:          |               |
| Site Name:            | Renaud Road < UNOFFICIAL>                            |                       |               |
| Site County/District: |  |                       |               |
| Site Geo Ref Meth:    |  |                       |               |
| Incident Summary:     | Ottawa manhole blockage, raw sewage to roadway/ditch |                       |               |
|                       |  |                       |               |

74 m<sup>3</sup>

Ottawa manhole blockage, raw sewage to roadway/ditch

#### **Taggart Construction Limited** Site: Ottawa ON

Contaminant Qty:

Ref No: 7584-BB3KRQ Discharger Report: Site No: Material Group: NA Health/Env Conseq: Incident Dt: 4/4/2019 Corporation Year: Client Type: Incident Cause: Sector Type: Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Ottawa Contaminant Limit 1: Site District Office: Site Postal Code: Contam Limit Freq 1: Contaminant UN No 1: Site Region: Eastern Environment Impact: Site Municipality: Ottawa Nature of Impact: Site Lot: Receiving Medium: Site Conc: Receiving Env: Northing: MOE Response: Easting: Dt MOE Arvl on Scn: Site Geo Ref Accu: MOE Reported Dt: 4/9/2019 Site Map Datum: Dt Document Closed: SAC Action Class: Incident Reason: Source Type: Site Name: 1896 John Quinn rd, Metcalfe<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Mobile Crusher Relocation - 2019 Contaminant Qty:

Site: BFI 5 KM EAST OF NAVAN ON REG ROAD 28. MOTOR VEHICLE (OPERATING FLUID) CUMBERLAND TOWNSHIP ON

99650

Discharger Report: Material Group:

Ref No:

Site No:

Database:

SPL



Database: SPL

Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:

5/9/1994

PIPE/HOSE LEAK

NOT ANTICIPATED Soil contamination LAND

5/9/1994

MATERIAL FAILURE

Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20601 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:

BFI- 45 L OF HYDRAULIC FLUID TO ROADWAY FROM BROKEN LINE.

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:

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:

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage. Government Publication Date: Up to Sep 2020

### The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Oct 2018

Abandoned Mine Information System:

## Anderson's Waste Disposal Sites:

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:

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:

#### 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-Dec 31, 2020

Borehole: 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

Provincial

Provincial

Private

AAGR

AGR

AMIS

ANDR

AST

AUWR

Provincial

Provincial

Private

Provincial

Certificates of Property Use:

201

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) -Certificate of Property Use. Government Publication Date: 1994-Jan 31, 2020

Government Publication Date: 1989-Nov 2020

Canadian Natural Gas Vehicle Alliance. Government Publication Date: Dec 2012 -Dec 2020

Inventory of Coal Gasification Plants and Coal Tar Sites:

**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.

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\*

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

Private Compressed Natural Gas Stations: 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

(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-Dec 31, 2020

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

Government Publication Date: Jul 31, 2020 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

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 2018

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).

Provincial CFOT

Commercial Fuel Oil Tanks:

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.

# Dry Cleaning Facilities:

# Government Publication Date: 1985-Oct 30, 2011\*

Please refer to those individual databases for any information after Oct.31, 2011.

#### 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

Certificates of Approval:

Provincial

CA

CDRY

Federal

COAL

Provincial This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing

> Provincial CPU

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202

fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This

Government Publication Date: 1992-2007\*

Government Publication Date: 1999-Oct 31, 2020

Environmental Issues Inventory System:

Private ERIS Historical Searches: EHS

Profile" page.

Environmental Registry: Provincial FBR 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

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-Dec 31, 2020

Provincial Environmental Activity and Sector Registry: EASR On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain

Government Publication Date: Jul 31, 2020

regulatory agency under Access to Public Information.

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

# 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-Jan 31, 2020

company map; or from submitted a "Report of Work". Government Publication Date: 1886 - Sep 2020

Provincial Environmental Compliance Approval: **FCA** 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- Dec 31, 2020

Federal Environmental Effects Monitoring: EEM The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of database provides information on the mill name, geographical location and sub-lethal toxicity data.

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

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\*

### Drill Hole Database:

### **Delisted Fuel Tanks:** 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

#### Provincial

DRI

DTNK

Provincial

Federal

FIIS

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Emergency Management Historical Event:

#### events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017. Government Publication Date: Dec 31, 2016

#### Environmental Penalty Annual Report:

List of Expired Fuels Safety Facilities:

#### These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations. Government Publication Date: Jan 1, 2011 - Dec 31, 2019

#### List of 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.

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

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change.

Government Publication Date: Jul 31, 2020

Contaminated Sites on Federal Land:

Federal Convictions:

#### 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\*

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-Sep 2020

#### Fisheries & Oceans Fuel Tanks:

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): A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and

Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

#### Fuel Storage Tank:

203

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: Jul 31, 2020

Federal

Provincial

Provincial List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC)

**FMHF** 

EPAR

EXP

FCS

FOFT

FRST

FST

Provincial

Provincial

Federal

Federal

Federal

#### Order No: 21031000068

#### Fuel Storage Tank - Historic:

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:

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Jul 31, 2020

#### Greenhouse Gas Emissions from Large Facilities:

#### dioxide equivalents (kt CO2 eq). Government Publication Date: 2013-Dec 2018

Provincial **TSSA Historic Incidents:** 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: 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:

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

#### Landfill Inventory Management Ontario:

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: Feb 28, 2019

Canadian Mine Locations: 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\*

204

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon

Federal

Federal

Provincial

Provincial

### Provincial

Provincial

GHG

**FSTH** 

GEN

LIMO

INC

Private

#### Mineral Occurrences:

#### In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Jan 2020

#### National Analysis of Trends in Emergencies System (NATES):

#### 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: NCPL The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2018

#### National Defense & Canadian Forces Fuel Tanks:

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\*

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on

#### National Defense & Canadian Forces Spills:

#### under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered. Government Publication Date: Mar 1999-Apr 2018

#### 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.

jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2001-Apr 2007\*

#### National Energy Board Pipeline Incidents:

## Government Publication Date: 2008-Dec 31, 2020

National Defence & Canadian Forces Waste Disposal Sites:

#### National Energy Board Wells:

205

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.

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

Government Publication Date: 1920-Feb 2003\*

**MNR** 

NATE

NDFT

NDSP

NDWD

NFBI

NEBP

Provincial

Federal In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of

Provincial

Federal

Federal

Federal

Federal

Federal

#### National Environmental Emergencies System (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:

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:

#### Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. Government Publication Date: 1993-May 2017

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.

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

Government Publication Date: 1988-Aug 31, 2020

#### Ontario Oil and Gas Wells:

Oil and Gas Wells:

#### geology/stratigraphy table information, plus all water table information is also provide for each well record. Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites: 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

#### This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures. Government Publication Date: 1994-Jan 31, 2020

Canadian Pulp and Paper: 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:

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

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OGWF

**NPRI** 

NPCB

Provincial

Provincial

Private

Federal

NFFS

Federal

Federal

Private

Provincial

Federal

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

ORD

PCFT



Orders:

207

#### 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 sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data. Government Publication Date: 1986-2016 Record of Site Condition: RSC

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).

#### Retail Fuel Storage Tanks:

# Government Publication Date: 1999-Dec 31, 2020

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.

SPL List of spills and incidents made available 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

#### Pesticide Register:

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-Dec 31, 2020

#### **Pipeline Incidents:**

Permit to Take Water:

#### List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness. Government Publication Date: Oct 31, 2020

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\*

Ontario Regulation 347 Waste Receivers Summary:

Private and Retail Fuel Storage Tanks:

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water. Government Publication Date: 1994-Jan 31, 2020

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. registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites,

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental

Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2021

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.

#### Scott's Manufacturing Directory:

Government Publication Date: 1992-Mar 2011\*

**Ontario Spills:** 

of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Mar 2020; Jul 2020 - Aug 2020

PES

PINC

PRT

**PTTW** 

REC

RST

SCT

#### Provincial

Provincial

Provincial

Provincial

Provincial

Provincial

Private

Private

Provincial

#### Order No: 21031000068

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ERIS's Private Source Database section, by the CA number. Government Publication Date: Up to Oct 1990\*

#### Water Well Information System:

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: Apr 30, 2020

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.

Provincial Variances for Abandonment of Underground Storage Tanks: 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: Jul 31, 2020

# Waste Disposal Sites - MOE CA Inventory:

Provincial WDS

Government Publication Date: Oct 2011-Dec 31, 2020

**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

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

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\*

Federal TCFT

Transport Canada Fuel Storage Tanks:

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

Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All

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 - Dec 2020

Wastewater Discharger Registration Database: Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power

sampling information is now collected and stored within the Sample Result Data Store (SRDS). Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Provincial

Private

Provincial

Provincial

**WWIS** 

TANK

SRDS

# 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.

<u>Map Key:</u> 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.

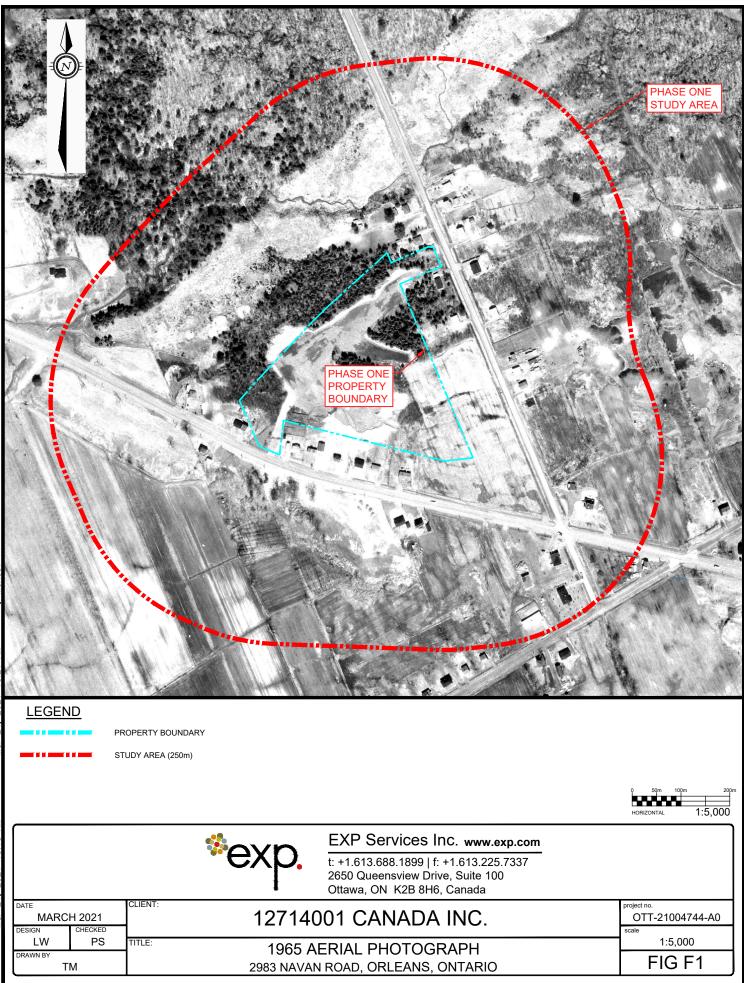
The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

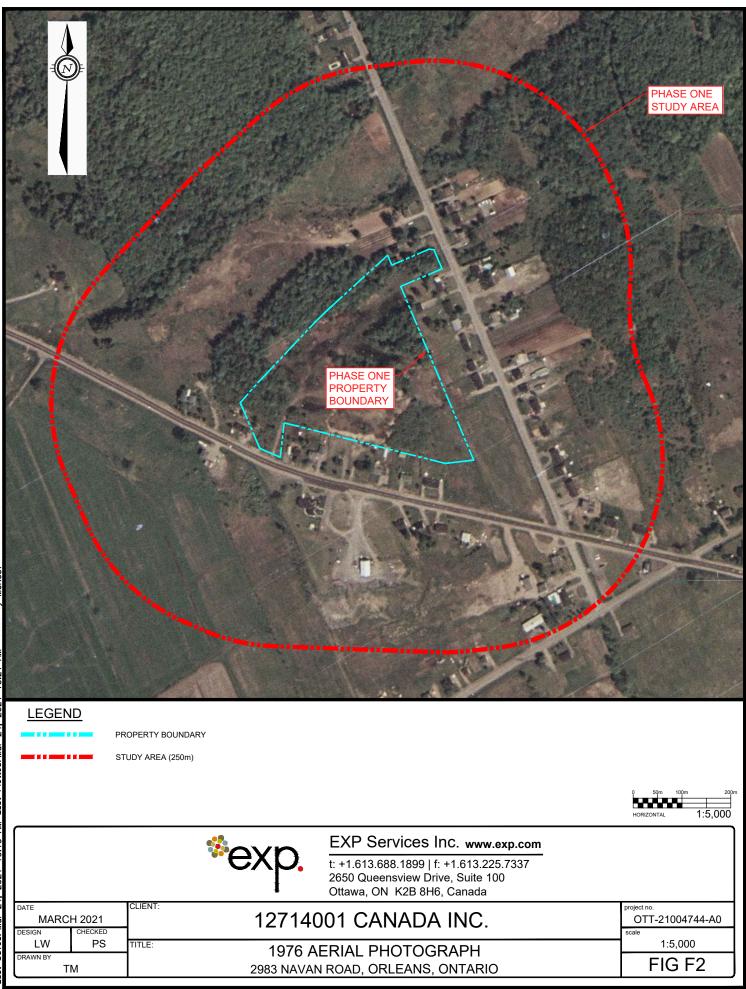
<u>Unplottables:</u> These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

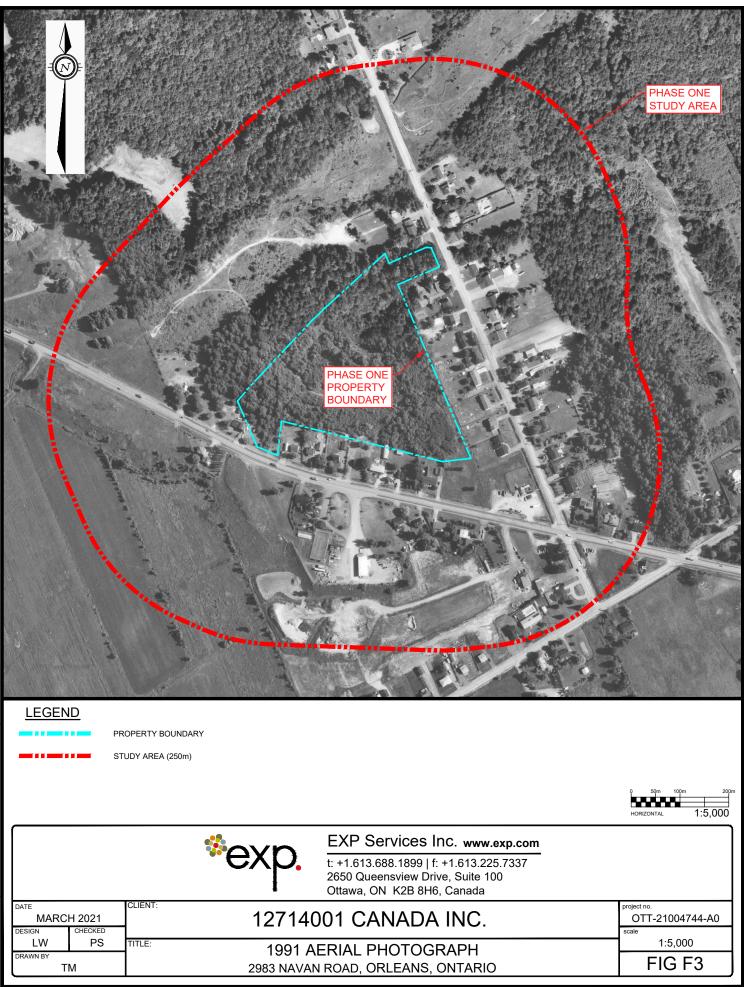
12714001 Canada Inc, Phase One Environmental Site Assessment 2983 Navan Road, Ottawa, Ontario OTT-21004744-A0 March 26, 2021 (revised July 16, 2021)

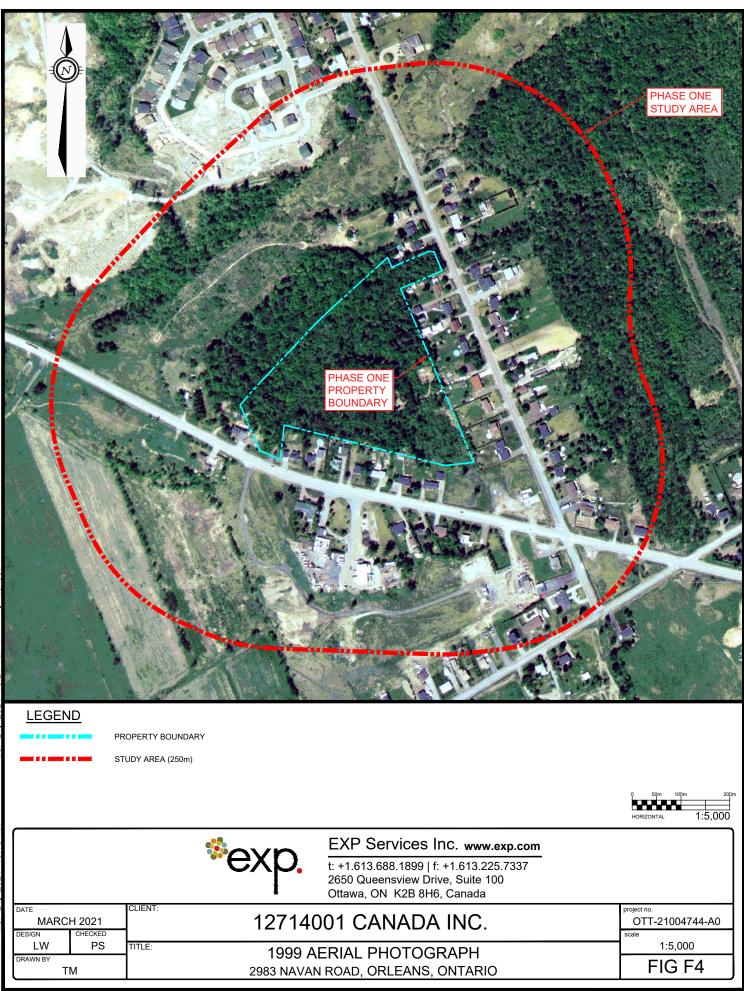
**Appendix F: Aerial Photographs** 



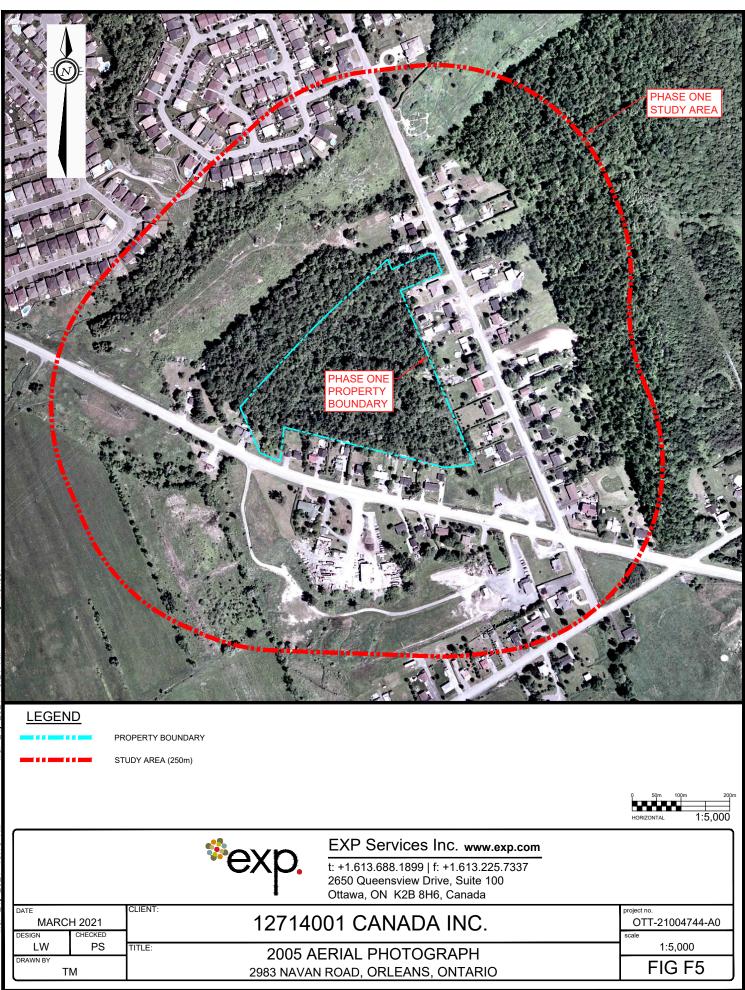








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**Appendix G: Site Photographs** 



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Photograph No. 1 View of central part of Site.



Photograph No. 2 View of pathway across the Site.

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# Photograph No. 3

View of Brian Coburn Boulevard and Chapel Hill park and Ride adjacent to the north.



**Photograph No. 4** View of adjacent residential properties to the west across Navan Road.

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# Photograph No. 5

View of adjacent vacant property and residences to the south of the Site.



Photograph No. 6 View of Laurent Leblanc Ltd., west of Site