

# Phase One Environmental Site Assessment

1951, 1967 and 1983 Carling Avenue Ottawa, Ontario

Prepared for:

# 2473493 Ontario Inc.

129 Oakfield Crescent Ottawa, ON K2J 5H8

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Phase One Environmental Site Assessment 1951, 1967 and 1983 Carling Avenue, Ottawa, Ontario 2473493 Ontario Inc.

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#### 1.0 EXECUTIVE SUMMARY

Pinchin Ltd. (Pinchin) was retained by 2473493 Ontario Inc. (Client) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the property located at 1951, 1967 and 1983 Carling Avenue in Ottawa, Ontario (hereafter referred to as the Site or Phase One Property). The Phase One Property is presently developed with three, three-storey multi-tenant residential buildings (Site Buildings A-C).

Pinchin conducted this Phase One ESA in accordance with Part VII and Schedule D of the Province of Ontario's *Environmental Protection Act R.S.O. 1990, c. E.19* and *Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act*, and last amended by Ontario Regulation 274/20 on July 1, 2020 (O. Reg. 153/04). The purpose of the Phase One ESA was to assess the potential presence of environmental impacts at the Phase One Property due to activities at and near the Phase One Property.

This Phase One ESA was conducted at the request of the Client as a condition for a Site Plan Approval application with the City of Ottawa.

The scope of work for this Phase One ESA was consistent with O. Reg. 153/04 and was comprised of the following:

- A Records Review: Reviewed available current and historical information sources
  pertaining to the Phase One Property and Phase One Study Area including the use of,
  but not limited to, aerial photographs, city directories, Fire Insurance Plans, Property
  Underwriters' Reports and Property Underwriters' Plans, historical environmental
  assessments relevant to the Phase One Property and a regulatory data base search.
  Regulatory agencies were also contacted to identify if any records of environmental noncompliance or other information associated with the environmental condition of the Phase
  One Property exists, including searches of Ministry of the Environment, Conservation and
  Parks (MECP) and Technical Standards and Safety Authority records.
- Interviews: Conducted interviews with a Site Representative (see Section 5.0) to determine if any current or historical operations have caused a concern with respect to the environmental condition of the Phase One Property and the surrounding properties within the Phase One Study Area.
- Site Reconnaissance: Completed a visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area (from publicly-accessible areas) including any associated buildings and/or facilities for the purpose of identifying the presence of potentially contaminating activities (PCAs).



- Evaluation: Evaluated the information gathered from the records review, interviews and Site reconnaissance.
- Reporting: Prepared a Phase One ESA report.
- Submission: Submitted the Phase One ESA report to the Client.

The Phase One Property consists of three legal lots situated at the municipal addresses of 1951, 1967 and 1983 Carling Avenue, Ottawa, Ontario and is currently owned by 2473493 Ontario Inc. The Phase One Property is located on the north side of Carling Avenue, at the northeast corner of the intersection of Carling Avenue and Bromley Road.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, PURs, city directories, etc.
Prior to 1958.	Unknown.	Assumed agricultural/ vacant undeveloped land.	Vacant.	The city directories reviewed by Pinchin indicated that he Phase One Property was not listed prior to 1959. Furthermore, a 1959 PUR reviewed by Pinchin indicated that the Site Buildings were constructed in 1958.
1958- present	Unknown and the Client	Multi-tenant residential buildings	Residential	The Site Buildings were evident in all aerial photographs since 1958. The city directories reviewed by Pinchin indicated the presence of various residential tenants at the Phase One Property during this timeframe.

To the best of Pinchin's knowledge, the Phase One Property was undeveloped until the construction of the Site Buildings in approximately 1958. The usage of the Phase One Property prior to the construction of the Site Buildings in 1958 is inferred to have consisted of vacant agricultural/undeveloped land. Subsequent to the construction of the Site Buildings, the Phase One Property has been occupied by three multi-tenant residential buildings (as per the city directory searches, configuration of the Site Buildings, and information provided by the Site Representative).



It is Pinchin's opinion that the date of the first developed use of the Phase One Property is approximately 1958, with the construction of the Site Buildings. The date of the first developed use of the Phase One Property was determined through a review of aerial photographs, PURs provided by Opta, and information provided by the Site Representative. No other historical records were available to Pinchin that provided information for determining the date of first developed use of the Phase One Property.

Based on the findings of this Phase One ESA, Pinchin identified two PCAs at the Phase One Property (i.e., on-Site) and one PCA within the Phase One Study Area outside of the Phase One Property (i.e., off-Site). The PCAs are not considered to result in Areas of Potential Environmental Concern (APECs) at the Phase One Property given observations made during Pinchin's Site reconnaissance and/or previous work completed at the Phase One Property and/or their distance from the Phase One Property. As such, it is Pinchin's opinion that the Phase One Property is suitable for the intended Site Plan Approval application at the Phase One Property based only on the completion of this Phase One ESA report.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.

This report has been issued without having received a response from the MECP regarding Pinchin's Freedom of Information request. Once a response from this regulatory body is received, the information will be incorporated into a revised version of this report. Our conclusions and recommendations may be amended based on this information.

#### 2.0 INTRODUCTION

A Phase One ESA is defined as a systematic qualitative process to determine whether a particular property is, or may be subject to, actual or potential contamination. Under the Province of Ontario's *Environmental Protection Act R.S.O. 1990, c. E.19* (EPA) and *Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act*, and last amended by Ontario Regulation 274/20 on July 1, 2020 (O. Reg. 153/04), the purpose of a Phase One ESA is two-fold:

- To obtain and review records that relate to the Phase One Property, and to the current and past uses of and activities at or affecting the Phase One Property, in order to determine if an area of potential environmental concern (APEC) exists and to interpret any APEC; and
- To obtain and review records that relate to properties in the Phase One Study Area, other than the Phase One Property, in order to determine if a potentially contaminating activity (PCA) exists and interpret whether any such PCA results in an APEC at the Phase One Property.

This Phase One ESA was conducted at the request of the Client as a condition for a Site Plan Approval application with the City of Ottawa.



A Phase One ESA does not include sampling or testing of environmental media or building materials. The study period for this assessment was from July 2021 to August 2021, which included the records review, Site reconnaissance, interviews and reporting.

# 2.1 Phase One Property Information

The Phase One Property consists of three legal lot situated at civic addresses 1951, 1967 and 1983 Carling Avenue, Ottawa, Ontario which is currently owned by 2473493 Ontario Inc. The Phase One Property is located on the north side of Carling Avenue, at the northeast corner of the intersection of Carling Avenue and Bromley Road, as shown on Figure 1 (all Figures are provided in Appendix B). A plan showing the Phase One Study Area for which this Phase One ESA applies to is outlined on Figure 2. PCAs identified within the Phase One Study Area are labelled on Figure 3. A current legal survey of the Phase One Property is included in Appendix C.

Detail	Source / Reference	Information	
Legal Description	Legal Survey Drawing provided by the Client	Part of Block B Registered Plan 4M-98, City of Ottawa	
Municipal Address	Client, and Previous Environmental Report	1951, 1967 and 1983 Carling Avenue, Ottawa, ON K2A 1C2	
Parcel Identification Number (PIN)	Legal Survey Drawing provided by the Client	03979-0053	
Current Owner	Site Representative, Client	2473493 Ontario Inc.	
Owner Contact Information	Client	Keegan Gomes 129 Oakfield Crescent Ottawa, ON K2J 5H86 <u>keegan.gomes@scotiawealth.com</u>	
Current Occupants	Site Representative	Residential tenants	
Client	Authorization to Proceed Form for Pinchin Proposal	2473493 Ontario Inc.	
Client Contact Information	Authorization to Proceed Form for Pinchin Proposal	Keegan Gomes 129 Oakfield Crescent Ottawa, ON K2J 5H86 <u>keegan.gomes@scotiawealth.com</u>	
Site Area <u>http://maps.ottawa.ca/geoottawa/</u> City of Ottawa		4,713.41 m <sup>2</sup> (1.16 acres)	
Current Zoning	http://maps.ottawa.ca/geoottawa/ City of Ottawa	AM10 – Arterial Mainstreet	

Pertinent details of the Phase One Property are provided in the following table:



#### 3.0 SCOPE OF INVESTIGATION

Pinchin conducted this Phase One ESA in accordance with O. Reg. 153/04, in particular Part VII and Schedule D of O. Reg. 153/04. The Phase One ESA scope of work was comprised of the following:

- A Records Review: Pinchin reviewed available current and historical information sources pertaining to the Phase One Property and surrounding properties within the Phase One Study Area including the use of, but not limited to, aerial photographs, city directories, Fire Insurance Plans (FIPs), Property Underwriters' Reports (PURs), Property Underwriters' Plans (PUPs), historical environmental assessments relevant to the Phase One Property, available Site operating records and a regulatory data base search. Regulatory agencies were also contacted to identify if any records of environmental non-compliance or other information associated with the environmental condition of the Phase One Property exist, including the Ministry of the Environment, Conservation and Parks (MECP's) Freedom of Information (FOI) and Protection of Privacy Office and the Technical Standards and Safety Authority (TSSA);
- Interviews: Pinchin conducted interviews with a Site Representative (see Section 5.0) to determine if any current or historical operations have caused a concern with respect to the environmental condition of the Phase One Property and the surrounding properties within the Phase One Study Area;
- Site Reconnaissance: Pinchin completed a visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area (from publiclyaccessible areas) including any associated buildings and/or facilities for the purpose of identifying the presence of significant environmental contaminants of concern;
- Evaluation: Pinchin evaluated the information gathered from the records review, interviews and Site reconnaissance;
- Reporting: Pinchin prepared a Phase One ESA report summarizing the findings of the Phase One ESA; and
- Submission: Pinchin submitted the Phase One ESA report to the Client.

#### 4.0 RECORDS REVIEW

#### 4.1 General

Identified on-Site and off-Site PCAs described in this and subsequent report Sections are summarized on Figure 3.



A Phase One ESA does not include sampling or testing of environmental media or building materials. The study period for this assessment was from July 2021 to August 2021, which included the records review, Site reconnaissance, interviews and reporting. A Site reconnaissance was completed on July 20, 2021, by a Pinchin representative under the direct supervision of a Qualified Person (QP). During the Site reconnaissance, Pinchin accessed the Phase One Property. Pinchin did not access any areas within the surrounding Phase One Study Area with the exception of publicly-accessible roads and sidewalks. Select photographs taken during the Site reconnaissance of the Phase One Property and the surrounding properties within the Phase One Study Area are presented in Appendix B.

#### 4.1.1 Phase One Study Area Determination

Based on a review of the available historical information and observations made during the Site reconnaissance for the properties greater than 250 metres (m), but less than 1 kilometre (km), from the Phase One Property boundary, Pinchin did not note or observe any significant potentially contaminating properties that should be included as part of this assessment (e.g., landfills, large industrial manufacturers, etc.). As such, the Phase One Study Area consisted of the Phase One Property, as well as all properties situated wholly, or partly, within 250 m from the nearest point of a boundary of the Phase One Property, in order to meet the minimum requirements set forth in O. Reg. 153/04.

#### 4.1.2 First Developed Use Determination

The first developed land use of the Phase One Property is defined by O. Reg. 153/04 to be the earlier of:

- The first use of a Phase One Property in or after 1875 that resulted in the development of a building or structure on the property; and
- The first potentially contaminating use or activity on the Phase One Property.

A review of a previous report prepared for the Phase One Property, city directories, aerial photographs and PURs provided by Opta Information Intelligence (Opta), determined that the Phase One Property was first occupied in 1958, when the Phase One Property was occupied by three multi-tenant residential buildings, similar in size and configuration to the present-day Site Buildings. Based on the above-noted information, it is Pinchin's opinion that the first developed use of the Phase One Property was in 1958.

The date of the first developed use of the Phase One Property was determined through a review of city directories, PURs, aerial photographs and previous reports. No other information was reviewed by Pinchin during the records review, or obtained during the Site reconnaissance or interviews which would have resulted in a different interpretation of the date of first developed use of the Phase One Property.



#### 4.1.3 Fire Insurance Plans

Pinchin previously contacted Opta to obtain copies of FIPs related to the Phase One Property and the Phase One Study Area. Opta provided Pinchin with a copy of the following:

• FIP dated 1965 for the area including the Phase One Property.

The Opta response and a copy of the FIP are provided in Appendix D.

The following general information, including details regarding the Phase One Property, was noted in the 1965 FIP:

- The Phase One Property appeared to consist of the municipal addresses of 1951, 1967 and 1983 Carling Avenue. Three multi-tenant residential buildings, similar in size and configuration to the current Site Buildings, were evident on-Site. In addition, the FIP indicated that the Site Buildings were heated by fuel oil. However, based on Pinchin's review of a 1959 PUR, Site Building A was heated by natural gas and Site Buildings B and C were heated by fuel oil. It should be noted that the 1965 FIP did not indicate whether the fuel oil was stored in an aboveground storage tank (AST) or underground storage tank (UST); however, based on Pinchin's review of the 1959 PUR for the Phase One Property, the fuel oil was stored in a 1,000 L UST; and
- Surrounding properties located west of the Site consisted of multi-tenant residential buildings. A surrounding property located northwest of the Site consisted of an institutional building.

Based on Pinchin's review of the information provided in the 1965 FIP, the following is noted:

- The following PCA was identified at the Phase One Property:
  - Site Buildings B and C were heated by fuel oil. It should be noted that the FIP did not indicate whether fuel oil was stored in an AST or UST; however, based on Pinchin's review of the 1959 PUR, the fuel oil was stored in a 1,000 L UST and supplied Site Buildings B and C. Based on previous work completed at the Site (refer to Section 4.1.4), it is Pinchin's opinion that no further work is warranted at the Phase One Property.
- No PCAs were identified within the Phase One Study Area outside of the Phase One Property.



#### 4.1.4 Environmental Reports

The following previous environmental reports for the Phase One Property provided by the Client or prepared by Pinchin were reviewed by Pinchin:

- Report entitled "Phase II Environmental Site Assessment, 1951, 1967 and 1983 Carling Avenue, Ottawa, Ontario" prepared by Terrapex Environmental Ltd. (Terrapex) for Mr. Allen Kerwin, and dated February 7, 2006 (2006 Terrapex Phase II ESA Report);
- Report entitled "*Phase I Environmental Site Assessment, 1951, 1967 and 1983 Carling Avenue, Ottawa, Ontario*", prepared by Pinchin for TD Commercial Banking, and dated June 15, 2015 (2015 Pinchin Phase I ESA Report);
- Report entitled "*Phase I Environmental Site Assessment Update, 1951, 1967 and 1983 Carling Avenue, Ottawa, Ontario*", prepared by Pinchin for McKellar Park Suites, and dated May 29, 2018 (2018 Pinchin Phase I ESA Update Report); and
- Report entitled "*Phase I Environmental Site Assessment, 1951, 1967 and 1983 Carling Avenue, Ottawa, Ontario*", prepared by Pinchin for 2473493 Ontario Inc., and dated December 1, 2020 (2020 Pinchin Phase I ESA Report).

Pinchin reviewed the available soil and groundwater sample analytical data provided in the abovereferenced reports to assess whether there are any known soil and groundwater impacts at the Phase One Property.

Given the available information on the characteristics of the Phase One Property and its land use (i.e., residential), the applicable Site Condition Standards, as defined by the MECP in the document *"Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act"*, dated April 15, 2011, are:

• Table 7: Generic Site Condition Standards for Shallow Soils in a Non-Potable Groundwater Condition (Table 7 Standards) for residential property use.

As such, the analytical data provided in the previous reports were compared with the *Table 3 Standards* to assess whether there are any known areas on the Phase One Property or in the Phase One Study Area where soil or groundwater has parameter concentrations exceeding the *Table 3 Standards*.

A summary of the salient information identified in the reports is provided below.

#### 2006 Terrapex Phase II ESA Report

The 2006 Terrapex Phase II ESA Report was completed based on the findings identified in the report entitled "*Phase I Environmental Site Assessment, 1951, 1967, 1983 Carling Avenue, Ottawa, Ontario*" prepared by AMEC Earth and Environmental Ltd (AMEC) for Mr. Allen Kerwin, and dated November 30,



2005 (2005 AMEC Phase I ESA Report). It should be noted that Pinchin was not provided with the abovementioned report for review as part of this Phase One ESA; however, this report was briefly summarized in the 2006 Terrapex Phase II ESA Report. Based on the results of the 2005 AMEC Phase I ESA Report, a suspected former heating oil UST had been removed from the west portion of the Site in the late 1970s; however, there was no documentation available with regards to the removal of the UST. AMEC reported that no evidence pertaining to a UST was observed on-Site during the completion of the 2005 AMEC Phase I ESA Report. As a result, AMEC recommended completing a subsurface investigation to confirm that no subsurface impacts were located at the Site.

The work undertaken as part of the 2006 Terrapex Phase II ESA Report was to assess soil conditions at the Site in relation to the suspected former on-Site UST reportedly located on the west portion of the Site.

A total of three boreholes were advanced to bedrock refusal within the vicinity of the suspected former UST location to depths of 0.5 m to 1.0 m below ground surface (mbgs). It should be noted that groundwater monitoring wells were not installed as part of this Phase II ESA.

Based on the fact that the depth to bedrock was encountered at depths less than 2.0 mbgs, Terrapex indicated that the Site was classified as a shallow soil property and as such, Terrapex compared the soil laboratory analytical results to both the Table 1 and 2 Standards as outlined in the MECP document entitled "*Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*", and dated March 2004 (2004 Table 1 and 2 Standards).

One soil sample was submitted from each borehole for laboratory analysis of benzene, toluene, ethylbenzene and xylene (BTEX) and petroleum hydrocarbons (PHCs) (F1-F4). All analytical results reported concentrations that were below the laboratory detection limits, and as such, satisfied the 2004 Table 1 and 2 Standards.

Based on the fact that bedrock was encountered between 0.5 to 1.0 mbgs, Pinchin compared the soil analytical results presented in the 2006 Terrapex Phase II ESA Report to the currently applicable criteria presented in Table 7 (residential/parkland/institutional land use, in a shallow soil condition, non-potable groundwater environment) in the MECP document entitled "*Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*", and dated April 15, 2011 (2011 Table 7 Standards). All reported concentrations of targeted parameters in soil were below the 2011 Table 7 Standards.

#### 2015 Pinchin Phase I ESA Report

The 2015 Pinchin Phase I ESA Report consisted of historical reviews and regulatory database searches, as well as interior and/or exterior assessments of the Site and surrounding properties. In addition, the 2015 Pinchin Phase I ESA Report reviewed the 2006 Terrapex Phase II ESA Report.



Pinchin noted that based on the configuration of the Site Buildings and the locations of the boiler rooms, it was Pinchin's opinion that the UST was likely located within the vicinity of the north elevations of Site Buildings B and C. As such and as part of the 2015 Pinchin Phase I ESA Report, Pinchin noted that on behalf of the Client, Pinchin retained USL-1 Utility Locators to complete a ground penetrating radar (GPR) survey at the Site on June 12, 2015, to potentially ascertain the location of the suspect UST. The areas located north of Site Buildings B and C were scanned for any evidence of a present or former UST (i.e., metallic anomalies, non-native subsurface fill material, associated underground piping). All scanned areas reported no evidence of a present or former UST or associated facilities. In addition, no interior evidence (i.e., levelometer, copper fuel feed line, vent/fill pipes, concrete patching, etc.) indicative of present or former fuel oil tanks (above or below ground) were observed during the GPR work.

Based on the results of the 2015 Pinchin Phase I ESA Report, nothing was identified that is likely to result in potential subsurface impacts at the Site. As such, no subsurface investigation work (Phase II ESA) was recommended at that time.

#### 2018 Pinchin Phase | ESA Update Report

The 2018 Pinchin Phase I ESA Update Report consisted of historical reviews and regulatory database searches, a review of the above-noted previous repots, as well as interior and/or exterior assessments of the Site and surrounding properties. It should be noted that the 2018 Pinchin Phase I ESA Update Report was an update of the findings identified in the 2015 Pinchin Phase I ESA Report.

The results of the 2018 Pinchin Phase I ESA Update Report indicated that there were no significant potential environmental concerns associated with the current and historical use of the Site and adjacent properties and as such, no further environmental assessment work was recommended.

#### 2020 Pinchin Phase I ESA Report

The 2020 Pinchin Phase I ESA Update Report consisted of historical reviews and regulatory database searches, a review of the above-noted previous repots, as well as interior and/or exterior assessments of the Site and surrounding properties.

The results of the 2020 Pinchin Phase I ESA Update Report indicated that there were no significant potential environmental concerns associated with the current and historical use of the Site and adjacent properties and as such, no further environmental assessment work was recommended.

#### 4.1.4.1 Previous Environmental Report Summary

Based on Pinchin's review of the above-referenced previous environmental reports, the following PCA was identified in the reviewed reports within the Phase One Study Area, but is not considered to result in an APEC at the Phase One Property:



• Site Buildings B and C were formerly heated by fuel oil stored in a 1,000 L UST at the Phase One Property. However, based on previous work completed at the Phase One Property, it is Pinchin's opinion that no further work is warranted at this time.

#### 4.2 Environmental Source Information

Pinchin reviewed the historical use of the Phase One Study Area through the use of publicly available archives and databases, as well as through requesting information from regulatory agencies. The following provides a summary of the information obtained from these sources.

#### 4.2.1 Environmental Database Search – ERIS

Pinchin retained Environmental Risk Information Services (ERIS) to search all available federal, provincial and private source databases for information pertaining to the Phase One Study Area. Unless otherwise noted, information obtained from the ERIS database search was reviewed for the entire Phase One Study Area. A copy of the ERIS report is provided in Appendix E and the results of the database search are described in the following sections.

#### 4.2.1.1 National Pollutant Release Inventory

ERIS completed a search of the federal databases for information regarding the National Pollutant Release Inventory (NPRI). This database contains comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances and identifies information such as the approximate location, type and quantity of contaminant, date of release, and media impacted.

Pinchin reviewed the ERIS report for NPRI information and found no records regarding the Phase One Study Area.

#### 4.2.1.2 Ontario Inventory of PCB Storage Sites

The MECP's Waste Management Branch maintains an inventory of PCB storage sites within Ontario. Ontario Regulation 11/82 and Ontario Regulation 347 (O. Reg. 347), made under the EPA, require the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the MECP. This database contains information on waste quantities, major and minor sites storing liquid or solid waste, and a waste storage inventory.

ERIS completed a search of the Ontario Inventory of PCB Storage Sites for information regarding PCB storage and found no information regarding the Phase One Study Area.



# 4.2.1.3 National PCB Inventory

Environment Canada maintains an inventory of in-use PCB-containing equipment at federal, provincial and private facilities in Canada, and of out-of-service PCB-containing equipment and PCB waste owned by the federal government or federally regulated industries.

ERIS completed a search of the National PCB Inventory and found no information regarding the Phase One Study Area.

# 4.2.1.4 Certificates of Approval

ERIS completed a search of the MECP database for information regarding Certificates of Approval (Cs-of-A). The MECP maintains a database of approved Cs-of-A for Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. Prior to November 1, 2011, the MECP mandated that any facility that released emissions to the atmosphere, discharged contaminants to ground or surface water, provided potable water supplies, or stored, transported or disposed of waste, must have a C-of-A before it could operate lawfully. The MECP no longer issues Cs-of-A, which were replaced by Environmental Compliance Approvals (ECAs) as of November 1, 2011. O. Reg. 153/04 indicates that information from the C-of-A database only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property.

The ERIS search of the C-of-A database identified no information regarding Cs-of-A for the Phase One Property or for properties adjacent to the Phase One Property.

#### 4.2.1.5 Environmental Compliance Approvals, Permits To Take Water and Certificates of Property Use

ERIS completed a search of the MECP database for information regarding ECAs, permits including Permits To Take Water (PTTWs) and Certificates of Property Use (CPUs). O. Reg. 153/04 indicates that information from these databases only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. Details regarding these databases are provided in the ERIS report in Appendix E.

The ERIS database search identified no information regarding ECAs, PTTWs or CPUs for the Phase One Property and properties adjacent to the Phase One Property.

#### 4.2.1.6 Inventory of Coal Gasification Plants

ERIS searched the following publications prepared for the MECP by Intera Technologies Inc. for information on industrial sites that formerly operated as coal gasification plants, and industrial sites that produced or used coal tar and other related tars:

• "Inventory of Coal Gasification Plant Waste Sites in Ontario", dated April 1987; and



• *"Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario"*, dated November 1988.

The ERIS search yielded no records of former coal gasification plants or the production or use of coal tar and related tars within the Phase One Study Area.

# 4.2.1.7 Environmental Incidents, Orders, Offences and Spills

ERIS completed a search of the various provincial and federal databases for information regarding environmental incidents, orders, offences and spills. O. Reg. 153/04 indicates that information from these databases only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. Details regarding the searched databases are provided in the ERIS report in Appendix E.

The ERIS database search of records of environmental incidents, orders, offences or spills revealed the following for the Phase One Property and properties adjacent to the Phase One Property:

- No records were found of environmental incidents, orders, offences or spills for the Phase One Property.
- No records were found of environmental incidents, orders, offences or spills for properties adjacent to the Phase One Property except for the following:
  - A spill record for an adjacent property (i.e., intersection of Carling Avenue and Bromley Road) was provided in the ERIS report, but is not considered a PCA given the minor nature of the material spilled (i.e., 1 L of transmission oil), the receiving medium (i.e., roadway) and the fact that the spill record indicates that impacts to the subsurface were not anticipated.

#### 4.2.1.8 Waste Management Records

#### Waste Generators

ERIS completed a search of the O. Reg. 347 Waste Generators database for information regarding waste generation. O. Reg. 347 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. The database search results provide a summary of available waste generation information for the registered sites for all years from 1986 to the present.



O. Reg. 153/04 indicates that information from the Waste Generator database only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. However, in addition to the Phase One Property and adjacent off-Site properties, Pinchin reviewed the database for waste generators within 50 m transgradient and 100 m upgradient of the Phase One Property with respect to the inferred groundwater flow direction. The area reviewed will be referred to as the Waste Generator Database Review Area.

The ERIS search of the O. Reg. 347 Waste Generators database found no information regarding the Phase One Property.

Two properties located within the Waste Generator Database Review Area were listed within the O. Reg. 347 Waste Generators database search results as waste generators and are not considered PCAs based on their location and distance relative to the Phase One Property (i.e., greater than 50 m and inferred to be hydraulically downgradient of the Phase One Property) and/or the minor quantities of hazardous wastes generated at these properties. Details regarding the types of waste and timeframe when wastes were generated at these properties are provided in the ERIS report in Appendix E.

#### Waste Receivers

ERIS completed a search of the O. Reg. 347 Waste Receivers database for information regarding waste receivers. O. Reg. 347 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 contains registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants.

O. Reg. 153/04 indicates that information from the Waste Receivers database only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. However, in addition to the Phase One Property and adjacent off-Site properties, Pinchin reviewed the database for waste receivers within 50 m transgradient and 100 m upgradient of the Phase One Property with respect to the inferred groundwater flow direction. The area reviewed will be referred to as the Waste Receivers Database Review Area.

The ERIS search of the O. Reg. 347 Waste Receivers database found no information regarding the Waste Receivers Database Review Area.

#### 4.2.1.9 Fuel Storage Tanks

ERIS completed a search of various private, provincial and federal databases for information regarding chemical storage tanks, as well as private and retail fuel storage tanks. Details regarding the searched databases are provided in the ERIS report in Appendix E.



The ERIS search of the chemical and fuel storage tank databases found no information regarding the Phase One Study Area.

#### 4.2.1.10 Notices and Instruments

ERIS completed a search of the provincial Environmental Registry for records pertaining to proposals, decisions, and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. ERIS also searched the Record of Site Condition (RSC) database for filed RSCs.

# 4.2.1.11 Areas of Natural Significance

ERIS reviewed available databases and records to assess whether any parks, wetlands, conservation areas, or other areas of natural significance, are located within the Phase One Study Area. The Area of Natural & Scientific Interest map is included in the ERIS report in Appendix G. In addition, Pinchin reviewed information provided on the Ministry of Natural Resources and Forestry's (MNRF) Natural Heritage Information Centre (NHIC) website. No areas of natural significance were identified within the Phase One Study Area from these information sources.

# 4.2.1.12 Landfill Information

ERIS reviewed available private and provincial databases for records of any current or inactive landfills and waste disposal sites within the Phase One Study Area. Details regarding the searched databases are provided in the ERIS report in Appendix E.

The ERIS search of the landfill and waste disposal sites databases found no information regarding the Phase One Study Area.

#### 4.2.2 Ministry of the Environment, Conservation and Parks Freedom of Information Search

The MECP Freedom of Information and Protection of Privacy Office in Toronto, Ontario was contacted to determine if records exist for environmental matters such as orders, spills, previous investigations, prosecutions, registered PCB waste storage sites, waste generators, waste receivers, Cs-of-A and ECAs associated with the Phase One Property.

The search was requested on August 5, 2021. At the time of writing this report, no response had been received from the MECP. When a formal response is received, it will be reviewed by Pinchin. If there is any information that represents a potential issue of environmental concern, a copy of the response will be forwarded to the Client under separate cover. Our conclusions and recommendations may be amended based on this information.

In addition, as part of the 2018 Pinchin Phase I ESA Report a request was made on May 24, 2018 and a response was received from the MECP on May 30, 2018. The MECP response indicated that no records were available for the Phase One Property.



Copies of the MECP request and response are provided in Appendix F.

# 4.2.3 Technical Standards and Safety Authority Search

The TSSA is the regulatory body that governs the safe handling and storage of fuel in Ontario. All storage of gasoline, diesel and fuel oil is subject to the Technical Standards and Safety Act. The Technical Standards and Safety Act and its relevant documents and regulations (e.g., *Liquid Fuels Handling Code*, *Ontario Regulation 213/01 – Fuel Oil, Ontario Regulation 217/01 – Liquid Fuels*) require that all fuel storage devices such as ASTs and USTs be registered with the TSSA.

Pinchin previously contacted the TSSA to determine whether any ASTs or USTs are, or were, registered for the Phase One Property, and to determine whether any records of regulatory non-compliance exist. A letter response was issued by the TSSA on August 24, 2018, indicating that following a search of the TSSA files, no outstanding instructions, incident reports, fuel oil spills or contamination records, or records of registered ASTs or USTs were found for the Phase One Property.

A copy of the TSSA response is provided in Appendix G.

# 4.2.4 Property Underwriters' Reports and Plans

PURs provide detailed information on a site-specific basis, including descriptions of building construction, heating sources, production processes, and the presence of any hazardous chemicals or materials which may have been historically stored on the Phase One Property. They also indicate the presence of environmental hazards such as electrical rooms, transformers, boilers and storage tanks. Information provided on PUPs includes the location, capacity, and contents of ASTs, USTs, chemical storage and other forms of environmental hazards.

Pinchin previously contacted Opta to obtain copies of PURs and PUPs related to the Phase One Property. Opta provided Pinchin with copies of the following (see Appendix E):

- PURs dated 1959 and 1982.
- PUP dated 1959.

Based on Pinchin's review of the PURs and PUP, the following was noted:

- The Site Buildings were constructed in their current configuration in 1958;
- Heating for Site Buildings B and C was provided by a 1,000-L fuel oil UST. Previous subsurface work completed at the Phase One Property in 2006 was located near the west elevation of Site Building C to address the historical UST, as this was the reported former UST location. Based on the configuration of the Site and the locations of the boiler rooms, it is Pinchin's opinion that the UST was likely located within the vicinity of the north elevations of Site Buildings B and C; however, as noted in the 2015 Pinchin Phase I



ESA Report, a GPR survey was completed along the north elevations of Site Buildings B and C, which did not identify clear evidence of a present or former UST (refer to Section 4.1.4). As such, it is Pinchin's opinion that no further work is warranted; and

• Heating for Site Building A was provided by natural gas.

Based on Pinchin's review of the information provided by the PURs and PUP, the following PCA was identified at the Phase One Property; however, is not considered to result in an APEC at the Phase One Property:

Heating for Site Buildings B and C was provided by a 1,000-L fuel oil UST. Previous subsurface investigations at the Phase One Property in 2006 was located near the west elevation of Site Building C to address the historical UST, as this was the reported former UST location. Based on the configuration of the Site and the locations of the boiler rooms, it is Pinchin's opinion that the UST was likely located within the vicinity of the north elevations of Site Buildings B and C; however, as noted in the 2015 Pinchin Phase I ESA Report, a GPR survey was completed along the north elevations of Site Buildings B and C, which did not identify clear evidence of a present or former UST (refer to Section 4.1.4). As such, it is Pinchin's opinion that no further work is warranted at this time.

#### 4.2.5 City Directories

City directories for the years 1951 to 2011 were previously reviewed by Pinchin at the Library and Archives of Canada in Ottawa, Ontario for the area within 150 m of the Phase One Property (City Directory Search Area). It should be noted that no city directories were available for the City of Ottawa subsequent to 2011. In addition, at the time of writing this report, and due to temporary closures of Public Libraries and the Archives of Canada, City Directories were not available for Pinchin's review for surrounding properties between 150 m and 250 m from the Phase One Property. This represents a potential data gap in the historical documentation review process.

A summary of information obtained with respect to the Phase One Property is provided in the following table:

Year(s)	Occupant Listings for Site Address
1951-1959.	Site not listed.
1960.	Kosub MW Apartment Rental Ltd., and apartment listings.
1966-1980.	Kosub MW Apartment Rental Ltd., and McKeller Park Apartments.
1984-2002.	Kerwin Realities Ltd., and McKellar Park Apartments.
2006-2011.	Kerwin Realities Ltd., and McKellar Park Suites.



Based on Pinchin's review of the above-noted city directories, no PCAs were identified at the Phase One Property.

In general, the city directories indicated that the properties in the City Directory Search Area have been historically occupied by commercial, institutional and residential land uses since approximately 1952. Based on Pinchin's review of the above-noted city directories, the following PCA was identified within the Phase One Study Area outside of the Phase One Property:

• Bruce Fuels. Ltd was listed at 2019 Carling Avenue from 1960 until 1971. This property is located approximately 125 m southwest of the Site. In addition, based on Pinchin's review of aerial photographs (refer to Section 4.3.1), this property was not equipped with a retail fuel outlet (RFO) during this timeframe. Based on the above-noted information, the distance between this property and the Site and the fact that this property has been redeveloped, it is Pinchin's opinion that this historical off-Site operation is unlikely to result in potential subsurface impacts at the Site.

#### 4.3 Physical Setting Sources

#### 4.3.1 Aerial Photographs

Pinchin reviewed aerial photographs of the Phase One Property and surrounding properties within the Phase One Study Area to assess the potential for historical PCAs. A copy of an aerial photograph dated 1983 was obtained from the National Air Photo Library in Ottawa, Ontario and reviewed by Pinchin. In addition, digital aerial photographs dated 1958, 1965, 1976, 1991, 2002, 2011, 2017 and 2019 were reviewed on the City of Ottawa e-map website (http://maps.ottawa.ca/geoOttawa/) by Pinchin. The 1983 aerial photograph was the earliest available aerial photograph of the Phase One Study Area.

Efforts were made by Pinchin to obtain aerial photographs that:

- Illustrated the period between initial development of the Phase One Property to the present;
- Identified buildings and structures present on the Phase One Property since initial development;
- Identified PCAs within the Phase One Study Area; and
- Identified APECs on the Phase One Property.

It should be noted that accurate details could not be determined from some of the aerial photographs due to the large reference scale and the low resolution of the photographs.



A summary of information obtained with respect to the Phase One Property from a review of the available aerial photography is provided in the following table:

Year of Photograph	Phase One Property
1958-2019	Three buildings were visible on the Phase One Property, which were similar in size, shape and orientation to the present-day Site Buildings.

Based on the aerial photographs reviewed for the Phase One Property and the surrounding area, it appears that the Phase One Property was developed prior to 1958.

The aerial photograph review did not identify any PCAs within the Phase One Study Area, including the Phase One Property. Copies of the aerial photographs of the Phase One Property and surrounding area are provided in Appendix J.

# 4.3.2 Topography, Hydrology and Geology

The elevation of the Phase One Property, based on information obtained from the Ontario Base Map series, is approximately 81.3 m above mean sea level (mamsl). The general topography in the local and surrounding areas is generally flat with a slight grade downwards in elevation to the northeast. No bedrock outcrops were observed on-Site or in the surrounding area.

A review of the available physiographical data indicates that the Phase One Property and the surrounding properties located within the Phase One Study Area are located within alluvial deposits consisting of stratified gravel, sand, silt and clay. Bedrock is expected to consist of sedimentary rocks consisting of limestone, dolomite, shale, argillite, sandstone, quartzite, and/or grit. The topography is considered gradually slope towards the northeast. During a previous on-Site environmental investigation (i.e., the 2006 Terrapex Phase II ESA Report), the soil stratigraphy was observed to consist of sand/silty sand that extended to the maximum borehole completion depth of 1.0 mbgs.

Based on general hydrogeological principles and Pinchin's familiarity with subsurface conditions at and near the Phase One Property and the surrounding properties within the Phase One Study Area, the unconfined groundwater beneath the Phase One Property is expected to flow in a northeasterly direction. No water bodies are located within the Phase One Study Area, and the nearest surface water body is the Ottawa River located approximately 1.2 km north of the Phase One Property at an elevation of approximately 53.0 mamsl.

Copies of pertinent maps, illustrating local topographical, hydrogeological and drainage features are provided in Appendix G.



#### 4.3.3 Fill Materials

The historical records review provided no information regarding the presence of fill material at the Phase One Property.

Although the Phase One ESA did not identify any historical or current fill material at the Phase One Property, potential future development plans should incorporate the appropriate procedures for the characterization of soils that may require off-Site disposal. Further assessment and/or costs may be incurred through re-development of the Phase One Property and/or change in land use scenarios.

#### 4.3.4 Water Bodies, Areas of Natural Significance and Groundwater Information

No water bodies were identified on the Phase One Property or on surrounding properties within the Phase One Study Area.

A review of the Area of Natural & Scientific Interest map prepared by ERIS (see Appendix E) and information provided on the MNRF's NHIC website did not identify any provincial parks, wetlands, conservation areas, or other areas of natural significance, within the Phase One Study Area.

A review of the municipal plan for the City of Ottawa indicated that the Phase One Study Area is not located in whole or in part within a well head protection area or other designation identified by the City of Ottawa for the protection of groundwater.

The records review did not identify the presence of wells at the Phase One Property that supply water for human consumption or for agricultural purposes. However, the Water Well Information System database search completed by ERIS identified 46 water wells used for a domestic water supply at various properties within the Phase One Study Area, outside of the Phase One Property. Details regarding this well are provided in the ERIS report in Appendix E.

#### 4.3.5 Well Records

A search of the Water Well Information System database by ERIS did not identify and water well records for the Phase One Property.

The Water Well Information System database search also identified 46 water well records within the Phase One Study Area outside of the Phase One Property. Details regarding these off-Site wells, including stratigraphic information, depth to bedrock and/or depth to the water table, are provided in the ERIS report included in Appendix E.

#### 4.4 Site Operating Records

The Phase One Property is not an Enhanced Investigation Property (see Section 6.3). As such, Site operating records were not reviewed as part of the Phase One ESA.



#### 5.0 INTERVIEWS

Pinchin interviewed individuals knowledgeable of the Phase One Property and its history to obtain or confirm information regarding the environmental condition of the Phase One Property. The following individuals provided information regarding the history of the Phase One Property and the surrounding properties within the Phase One Study Area to the best of their knowledge:

Person Interviewed	Relationship to Phase One Property	Date and Place of Interview	Interview Method	
Ms. Diana Gomes- Guzman	Current owner of Phase One Property	July 20, 2021 (Phase One Property)	In-person interview during Site reconnaissance	

Ms. Gomes-Guzman was chosen to be interviewed given that she has owned the Phase One Property since 2015 and is familiar with the recent operational history of the Phase One Property. Ms. Smith is referred to herein as the "Site Representative", and accompanied the Pinchin representative (Mr. Dave Labelle) during the Site reconnaissance.

Pinchin compared the information obtained from the interviews with information obtained from the historical records. The information provided by the interviewee was corroborated by the available historical records. As such, Pinchin has no concerns regarding the validity of the information provided by the individual interviewed for the Phase One ESA.

With respect to PCAs and APECs, no additional information was obtained from the interviews other than that documented elsewhere in this report.

#### 6.0 SITE RECONNAISSANCE

#### 6.1 General Requirements

A visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area was conducted for the purpose of identifying the presence of possible PCAs and associated APECs.

The Site reconnaissance was completed on July 20, 2021 by a Pinchin representative (i.e., Mr. Dave Labelle), under the direct supervision of Pinchin's QP overseeing this project. Mr. Labelle is a Project Technologist with more than three years of environmental consulting experience. Pinchin visited the Phase One Property and surrounding properties within the Phase One Study Area to document environmental conditions. During the Site reconnaissance, Pinchin viewed all accessible areas within the Phase One Property and viewed publicly-accessible portions of the adjacent lands for the presence of actual or potential issues of environmental concern.



The Site reconnaissance was conducted between the hours of 9:00 AM and 11:00 PM. During the Site reconnaissance, the weather was clear and sunny, and the ambient temperature was approximately 22° Celsius with no breeze. The Phase One Property reconnaissance was conducted on foot and consisted of a full walk-through of the Phase One Property. There were no access restrictions for Pinchin for the Phase One Property with the exception of the rooftops, which could not be accessed at the time of the Site reconnaissance as specified by the Provincial and Federal governments, the Site reconnaissance was limited to common areas, mechanical rooms, laundry rooms and public spaces. At the time of the Site reconnaissance, the Phase One Property was occupied by multi-tenant residential tenants.

Photographs taken during the Site reconnaissance that illustrate the Phase One Property and Phase One Study Area are provided in Appendix B.

# 6.2 Specific Observations at Phase One Property

#### 6.2.1 Description of Buildings and Structures

During the Site reconnaissance, Pinchin observed three buildings/structures on the Phase One Property. The buildings consisted of three-storey multi-tenant residential buildings (Site Buildings A-C). The Site Representative reported that the Site Buildings were constructed in approximately 1958.

#### 6.2.2 Description of Below-Ground Structures

During the Site reconnaissance, Pinchin did not observe any current below-ground structures on the Phase One Property, with the exception of the ground floor of each Site Building, which are partially below grade. In addition, the ground floors were primarily used for an electrical room, storage rooms, laundry room and residential units.

#### 6.2.3 Description of Tanks

During the Site reconnaissance, Pinchin did not observe any tanks on the Phase One Property for the purpose of either fuel dispensing or storage, or other unidentified substance storage.

#### 6.2.4 Potable and Non-Potable Water Sources

During the Site reconnaissance, Pinchin did not observe potable or non-potable water sources on the Phase One Property. The Phase One Property is serviced by a municipal water supply via underground piping running west from Carling Avenue into the ground floor of each Site Building.

#### 6.2.5 Description and Location of Underground Utilities

A number of underground utilities were observed at the Phase One Property, including natural gas, telephone lines, and municipal water, storm and sanitary sewer lines.



The natural gas, telephone, electrical, water and sanitary sewer services enter the Site Buildings via underground lines running from Carling Avenue into the ground floor of the Site Buildings. Stormwater is captured via a catch basin in the parking lot and directed southeast via underground piping to a main storm sewer line under Carling Avenue.

#### 6.2.6 Entry and Exit Points

The main man-door entry/exit point for tenants of the Site Buildings is located adjacent to the south elevation of each Site Building. A second entry/exit point to the Site Buildings is located adjacent to the north elevation of each Site Building.

#### 6.2.7 Details of Heating System

During the Site reconnaissance, Pinchin observed natural gas-fired boilers on the ground floor of each Site Building. Site Buildings B and C were previously heated by fuel oil-fired boilers located on the ground floor of Site Buildings B and C. The fuel supply for the boilers was provided by a 1,000-L UST. The former fuel oil UST is a PCA at the Phase One Property.

#### 6.2.8 Details of Cooling System

During the Site reconnaissance, Pinchin observed window-mounted air conditioners units at each Site Building. The air conditioners were noted to be a newer model, and as such are not expected to contain ozone-depleting substances.

#### 6.2.9 Details of Drains, Pits and Sumps

No pits or sumps were observed at the Phase One Property. Floor drains are located in the basement of each Site Building.

#### 6.2.10 Unidentified Substances within Buildings and Structures

During the Site reconnaissance, Pinchin did not observe any unidentified substances or storage containers holding unidentified substances at the Phase One Property.

#### 6.2.11 Details of Staining and Corrosion

During the Site reconnaissance, Pinchin did not observe any areas of staining or corrosion inside the Site Building.

#### 6.2.12 Details of On-Site Wells

No water supply or groundwater monitoring wells were observed to be on or within the Phase One Property. No water supply or groundwater monitoring wells were reported by the Site owner to have been on-Site, prior to, or during their occupancy.



#### 6.2.13 Details of Sewage Works

During the Site reconnaissance, Pinchin did not observe any sewage works or evidence of sewage disposal on the Phase One Property, with the exception of a main sanitary sewer pipe that exits through the east elevation in the basement of each Site Building and connects to the municipal sewer under Carling Avenue.

#### 6.2.14 Details of Ground Cover

During the Site reconnaissance, Pinchin visually inspected the Phase One Property ground cover. Vegetated areas are located along the southeast boundary of the Phase One Property. The remainder of the Phase One Property exterior consists of an asphalt-paved driveway, access routes and parking areas.

#### 6.2.15 Details of Current or Former Railways

No current or former railway infrastructure was observed on the Phase One Property.

# 6.2.16 Areas of Stained Soil, Vegetation and Pavement

During the Site reconnaissance, Pinchin did not observe any areas of stained soil, vegetation or pavement on the Phase One Property.

#### 6.2.17 Areas of Stressed Vegetation

During the Site reconnaissance, Pinchin did not observe any areas of stressed vegetation on the Phase One Property.

#### 6.2.18 Areas of Fill and Debris Materials

No obvious areas where fill material or debris have been placed or graded were observed by Pinchin at the Phase One Property.

#### 6.2.19 Potentially Contaminating Activities

A PCA is defined by O. Reg. 153/04 as a "use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a Phase One Study Area" including the Phase One Property.

The following PCA was observed on the Phase One Property during the Site reconnaissance:

• Item 55 – Transformer Manufacturing, Processing and Use (four pole-mounted oil-cooled transformers are located on the northwest portion of the Phase One Property).

#### 6.2.20 Unidentified Substances Outside Buildings and Structures

During the Site reconnaissance, Pinchin did not observe any unidentified substances or storage containers holding unidentified substances on the exterior of the Phase One Property.



#### 6.2.21 Surrounding Land Uses

During the Site reconnaissance, Pinchin conducted a visual assessment of publicly-accessible portions of the Phase One Study Area for the presence of PCAs. The properties in the Phase One Study Area have various land uses, including residential and commercial. Land use types within the Phase One Study Area are presented on Figure 2.

The following table summarizes the land use on adjacent properties at the time of the Site reconnaissance:

Direction Relative to Phase One Property	Location Relative to Inferred Groundwater Flow Direction	Description of Property Use	Property Use	Potential Contribution to PCA and/or APEC
North	Down/transgradient	Residential dwellings followed by Bromley Road, residential dwellings, Lauder Drive and additional residential dwellings to beyond 250 m from the Phase One Property.	Residential	Land uses are not considered to represent PCAs.
South	Up/transgradient	Carling Avenue followed by residential dwellings to beyond 250 m from the Phase One Property.	Residential	Land uses are not considered to represent PCAs.
East	Down/transgradient	Multi-tenant residential buildings followed by McKellar Avenue, residential dwellings, additional multi-tenant residential buildings and a multi-tenant commercial building to beyond 250 m from the Phase One Property.	Residential/ commercial	Land uses are not considered to represent PCAs.
West	Up/transgradient	Bromley Road followed by multi-tenant residential buildings and residential dwellings to beyond 250 m from the Phase One Property.	Residential	Land uses are not considered to represent PCAs.

No PCAs were observed at the time of the Site reconnaissance within the rest of the Phase One Study area.



# 6.3 Enhanced Investigation Property

O. Reg. 153/04 defines an "Enhanced Investigation Property" as a property that is being used or has been used, in whole or in part, in the following manner:

- For an industrial use or;
- For any of the following commercial uses:
  - As a garage;
  - As a bulk liquid dispensing facility, including a gasoline outlet; or
  - For the operation of dry cleaning equipment.

The findings of this Phase One ESA have not documented any of the above land uses as occurring at the Phase One Property, and the Phase One Property is therefore not an Enhanced Investigation Property.

#### 6.4 Written Description of Investigation

The Phase One ESA completed by Pinchin included investigations of the Phase One Property and the Phase One Study Area outside of the Phase One Property pursuant to Sections 13 and 14 of Schedule D of O. Reg.153/04. The main objective of these investigations was to identify PCAs at the Phase One Property or within the Phase One Study Area outside of the Phase One Property that could have resulted in APECs at the Phase One Property.

#### 6.4.1 Phase One Property

The investigation of the Phase One Property consisted of the following components:

- Review of available historical records, including FIPs, previous environmental reports, ERIS regulatory search, information obtained through MECP FOI and TSSA requests, PURs, PUPs, city directories and aerial photographs;
- A Site reconnaissance completed on July 20, 2021 by Mr. Dave Labelle of Pinchin that included an assessment of structures at the Phase One Property and the exterior of the Phase One Property;
- Interviews with individuals knowledgeable of the history and operations at the Phase One Property; and
- Review of mapping provided by ERIS and information provided online by the MNRF for the presence of areas of natural significance.

Pinchin's investigation of the Phase One Property identified the following PCAs (as labelled on Figure 3):



- PCA #1 (Item 28 Gasoline and Associated Products Storage in Fixed Tanks a former fuel oil UST was located at the Phase One Property). Based on previous work completed at the Phase One Property (refer to Section 4.1.4), it is Pinchin's opinion that this PCA is not considered an APEC at the Phase One Property; and
- PCA #2 (Item 55 Transformer Manufacturing, Processing and Use four pole-mounted oil-cooled transformers are located on the north portion of the Phase One Property).
   Based on Pinchin's observations during the Site reconnaissance (i.e., no staining), it is Pinchin's opinion that this PCA is not considered an APEC at the Phase One Property.

No areas of natural significance were identified at the Phase One Property.

Pinchin's investigation did not identify the presence of wells at the Phase One Property that currently supply water for human consumption or for agricultural purposes.

#### 6.4.2 Phase One Study Area Outside of Phase One Property

The investigation of the Phase One Study Area outside of the Phase One Property consisted of the following components:

- Review of available historical records, including FIPs, previous environmental reports, ERIS regulatory search, city directories and aerial photographs;
- Visual inspection of properties from publicly-accessible areas for evidence of PCAs and water bodies; and
- Review of mapping provided by ERIS and information provided on-line by the MNRF for the presence of areas of natural significance.

Pinchin's investigation of the Phase One Study Area outside of the Phase One Property identified the following PCA within the Phase One Study Area:

• PCA #3 (Item 28 – Gasoline and Associated Products Storage in Fixed Tanks – Bruce Fuels. Ltd was listed at 2019 Carling Avenue from 1960 until 1971. This property is located approximately 125 m southwest of the Site).

This additional PCA is not considered to represent an APEC at the Phase One Property given the distance from the PCA to the Phase One Property, Pinchin's review of aerial photographs (refer to Section 4.3.1) and the fact that this property has been redeveloped.

No areas of natural significance were identified within the Phase One Study Area outside of the Phase One Property.



Based on a cursory review of the properties greater than 250 m (i.e., outside of the Phase One Study Area), but less than 1 km, from the Phase One Study Area, Pinchin did not note or observe any significant contaminating properties that should be included as part of this assessment (i.e., landfills, large industrial manufacturers, etc.).

A plan identifying the locations of the PCA for which this Phase One ESA applies to is provided as Figure 3.

# 7.0 REVIEW AND EVALUATION OF INFORMATION

# 7.1 Current and Past Uses

The following table is a summary of the current and past land uses of the Phase One Property:

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, PURs, city directories, etc.
Prior to 1958.	Unknown.	Assumed agricultural/ vacant undeveloped land.	Vacant.	The city directories reviewed by Pinchin indicated that he Phase One Property was not listed prior to 1959. Furthermore, a 1959 PUR reviewed by Pinchin indicated that the Site Buildings were constructed in 1958.
1958- present	Unknown and the Client	Multi-tenant residential buildings	Residential	The Site Buildings were evident in all aerial photographs since 1958. The city directories reviewed by Pinchin indicated the presence of various residential tenants at the Phase One Property during this timeframe.

To the best of Pinchin's knowledge, the Phase One Property was undeveloped until the construction of the Site Buildings in approximately 1958. The usage of the Phase One Property prior to the construction of the Site Buildings in 1958 is inferred to have consisted of vacant agricultural/undeveloped land. Subsequent to the construction of the Site Buildings, the Phase One Property has been occupied by three



multi-tenant residential buildings (as per the city directory searches, configuration of the Site Buildings, and information provided by the Site Representative).

It is Pinchin's opinion that the date of the first developed use of the Phase One Property is approximately 1958, with the construction of the Site Buildings. The date of the first developed use of the Phase One Property was determined through a review of aerial photographs, PURs provided by Opta, and information provided by the Site Representative. No other historical records were available to Pinchin that provided information for determining the date of first developed use of the Phase One Property.

# 7.2 Potentially Contaminating Activities

The following PCA, as defined by O. Reg. 153/04, was documented by Pinchin to have occurred at the Phase One Property:

- PCA #1 (Item 28 Gasoline and Associated Products Storage in Fixed Tanks a former fuel oil UST was located at the Phase One Property). Based on previous work completed at the Phase One Property (refer to Section 4.1.4), it is Pinchin's opinion that this PCA is not considered an APEC at the Phase One Property; and
- PCA #2 (Item 55 Transformer Manufacturing, Processing and Use four pole-mounted oil-cooled transformers are located on the north portion of the Phase One Property).
   Based on Pinchin's observations during the Site reconnaissance (i.e., no staining), it is Pinchin's opinion that this PCA is not considered an APEC at the Phase One Property.

The following PCAs as defined by O. Reg. 153/04 were documented by Pinchin to have occurred within the Phase One Study Area outside of the Phase One Property:

 PCA #3 (Item 28 – Gasoline and Associated Products Storage in Fixed Tanks – Bruce Fuels. Ltd was listed at 2019 Carling Avenue from 1960 until 1971. This property is located approximately 125 m southwest of the Site).

#### 7.3 Areas of Potential Environmental Concern

No APECs as defined by O. Reg. 153/04 were identified by Pinchin at the Phase One Property.

#### 7.4 Phase One Conceptual Site Model

A conceptual site model (CSM) has been created to provide a summary of the findings of the Phase One ESA. The Phase One CSM is summarized in Figures 1 through Figure 3 which illustrate the following features within the Phase One Study Area, where present:

• Existing buildings and structures;



- Water bodies located in whole or in part within the Phase One Study Area;
- Areas of natural significance located in whole or in part within the Phase One Study Area;
- Drinking water wells located at the Phase One Property;
- Land use of adjacent properties;
- Roads within the Phase One Study Area;
- PCAs within the Phase One Study Area, including the locations of tanks; and
- APECs at the Phase One Property.

The following provides a narrative summary of the Phase One CSM:

- The Phase One Property is a rectangular-shaped parcel of land approximately 1.16 acres (0.47 hectares) in size located at the northeast corner of the intersection of Carling Avenue and Bromley Road in the City of Ottawa. The Phase One Property is improved with three multi-tenant residential buildings (Site Buildings A-C). The Phase One Property has been used for residential purposes since initial development in 1958. There is no record of industrial use or of a commercial use (e.g., garage, bulk liquid dispensing facility or dry cleaner) that would require classifying the Phase One Property as an Enhanced Investigation Property;
- No water bodies were identified within the Phase One Study Area. The nearest water body is the Ottawa River, which is located approximately 1.2 km north of the Phase One Property;
- No areas of natural significance were identified within the Phase One Study Area;
- No drinking water wells were located on the Phase One Property;
- A total of three PCAs were identified within the Phase One Study Area, consisting of two PCAs at the Phase One Property and one PCA within the Phase One Study Area, outside of the Phase One Property. As shown on Figure 3, the off-Site PCA was due to a city directory listing for Bruce Fuels. Ltd. (2019 Carling Avenue) from 1960 until 1971. This property is located approximately 125 m southwest of the Site. In addition, based on Pinchin's review of aerial photographs (refer to Section 4.3.1), this property was not equipped with an RFO during this timeframe. Based on the above-noted information, the distance between this property and the Phase One Property and the fact that this property has been redeveloped, this off-Site PCA is not considered to result in an APEC at the Phase One Property. The two on-Site PCAs (i.e., former fuel oil UST and on-Site transformer) are not considered APECs at the Phase One Property based on previous



work completed at the Phase One Property or Pinchin's observations during the Site reconnaissance (i.e., no staining);

- Underground utilities at the Phase One Property provide potable water, natural gas, telephone, cable and sewer services to the Site Buildings. These services enter the ground floor of each Site Building through a subsurface conduit of each Site Building. Storm sewer catch basins located in the parking lot in the north portion of the Phase One Property connect to the municipal storm sewer line in Carling Avenue. Plans were not available to confirm the depths of these utilities, but they are estimated to be located approximately 2.0 to 3.0 mbgs. The depth to groundwater at the Phase One Property is estimated to be approximately greater than 1.0 mbgs, which coincides with the approximate depth to the water table. As such, it is possible that the utility corridors may act as preferential pathways for contaminant distribution and transport in the event that shallow subsurface contaminants exist at the Phase One Property;
- The Phase One Property and the surrounding properties located within the Phase One Study Area are located within alluvial deposits consisting of stratified gravel, sand, silt and clay. Bedrock is expected to consist of sedimentary rocks consisting of limestone, dolomite, shale, argillite, sandstone, quartzite, and/or grit. During a previous on-Site environmental investigation (i.e., the 2006 Terrapex Phase II ESA Report), the soil stratigraphy was observed to consist of sand/silty sand to a depth of approximately 1.0 mbgs; and
- The Phase One Property and adjacent and surrounding properties slope gradually down towards the northeast. Local groundwater flow is inferred to be to the northeast, based on the topography and the nearest body of water (i.e., Ottawa River).

There were no deviations from the Phase One ESA requirements specified in O. Reg. 153/04 or absence of information that have resulted in uncertainty that would affect the validity of the Phase One CSM.

#### 8.0 CONCLUSIONS

Pinchin conducted this Phase One ESA in accordance with Part VII and Schedule D of O. Reg. 153/04. The purpose of the Phase One ESA was to assess the potential presence of environmental impacts at the Phase One Property due to activities at and near the Phase One Property in support of the potential Site Plan Approval application at the Phase One Property.

Based on the findings of this Phase One ESA, Pinchin identified two PCAs at the Phase One Property (i.e., on-Site) and one PCA within the Phase One Study Area outside of the Phase One Property (i.e., off-Site). The PCAs are not considered to result in APECs at the Phase One Property given observations



made during Pinchin's Site reconnaissance and/or previous work completed at the Phase One Property and/or their distance from the Phase One Property. As such, it is Pinchin's opinion that the Phase One Property is suitable for the intended Site Plan Approval application at the Phase One Property based only on the completion of this Phase One ESA report.

It should be noted that the references and sources for the information used in evaluating the Phase One Property are provided in the relevant sections of this report. Specific references are also summarized in Section 9.0.

#### 8.1 Signatures

This Phase One ESA was undertaken under the supervision of Scott Mather, P.Eng, QP<sub>ESA</sub> in accordance with the requirements of O. Reg. 153/04 to support the filing of an RSC for the Phase One Property. The conclusions and recommendations provided in this report represent the best judgement of the assessor based on the Site conditions observed on July 20, 2021, and a review of available historical information and information obtained from interviews.

This report has been issued without having received a response to a request for information from the MECP. Pinchin reserves the right to amend our conclusions and recommendations based on information obtained from the regulatory agencies.

We trust that the information provided in this report meets your current requirements.

#### 8.2 Terms and Limitations

This Phase One ESA was performed in order to identify potential issues of environmental concern associated with the property located at 1951, 1967 and 1983 Carling Avenue in Ottawa, Ontario (Site), at the time of the Site reconnaissance. This Phase One ESA was performed in general compliance with currently acceptable practices for environmental site investigations, and specific Client requests, as applicable to this Site. This report was prepared for the exclusive use of 2473493 Ontario Inc. (Client), subject to the terms, conditions and limitations contained within the duly authorized proposal for this project. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted.

If additional parties require reliance on this report, written authorization from Pinchin will be required. Such reliance will only be provided by Pinchin following written authorization from the Client. Pinchin disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs. No other warranties are implied or expressed. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law.



The information provided in this report is based upon analysis of available documents, records and drawings, and personal interviews. In evaluating the Site, Pinchin has relied in good faith on information provided by other individuals noted in this report. Pinchin has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information provided by the current owner/occupant. Pinchin accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted, or contained in reports that were reviewed. The scope of work for this Phase One ESA did not include a visual or intrusive investigation for designated substances (e.g., asbestos, mould, PCB-containing electrical equipment, etc.) and, therefore, these materials may be present at the Site.

Pinchin makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and these interpretations may change over time.

Ontario Regulation 153/04 does not apply to environmental auditing or environmental management systems. Therefore, with respect to Site operations and conditions, compliance with applicable federal, provincial or municipal acts, regulations, laws and/or statutes was not evaluated as part of the Phase One ESA.

#### 9.0 **REFERENCES**

The following documents, persons or organizations provided information used in this report:

- Ms. Diana Gomes-Guzman, Site Owner since 2015 [Site Representative].
- ERIS report entitled "1951, 1967 and 1983 Carling Avenue, Ottawa, ON", and dated July 20, 2021 (ERIS Project #21071599227).
- Opta Information Intelligence.
- The Atlas of Canada Surficial Materials:
   <u>http://atlas.nrcan.gc.ca/site/english/maps/environment/land/surficialmaterials/1</u>
- The Atlas of Canada Bedrock Geology: <u>http://atlas.gc.ca/site/english/maps/archives/3rdedition/environment/land/016?w=4&h=4&l</u> <u>=6&r=4&c=12</u>.
- Toporama Topographic Maps:
   <u>http://atlas.gc.ca/site/english/maps/topo/map</u>.

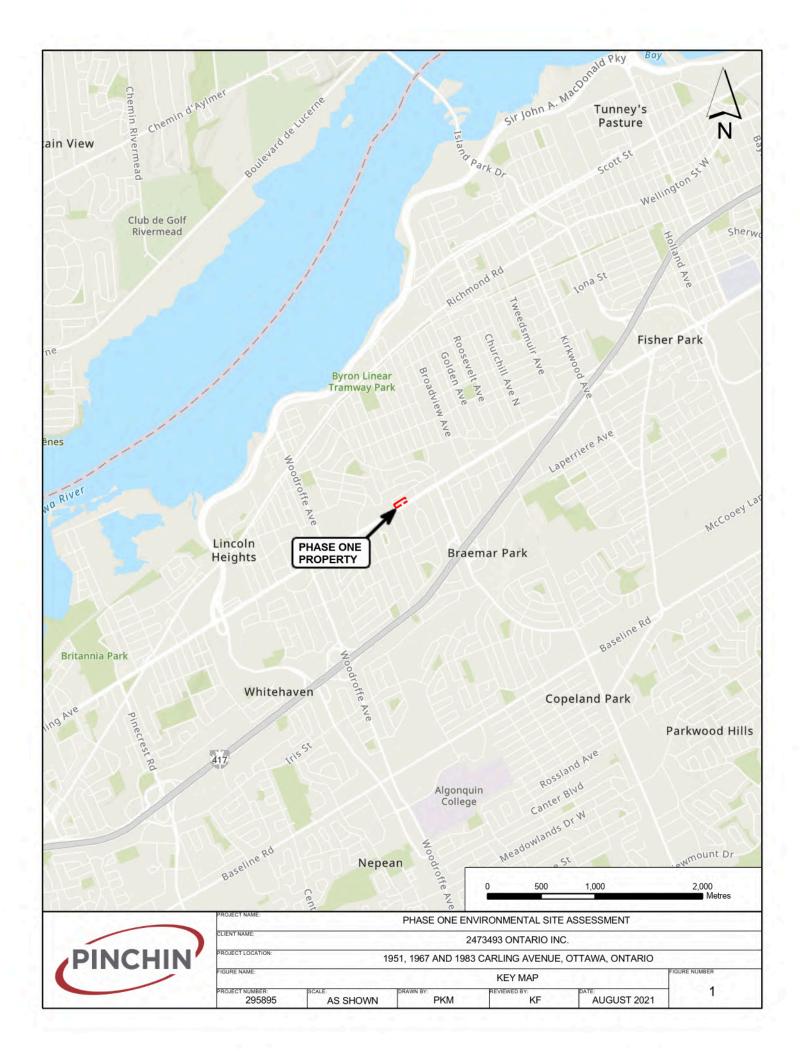


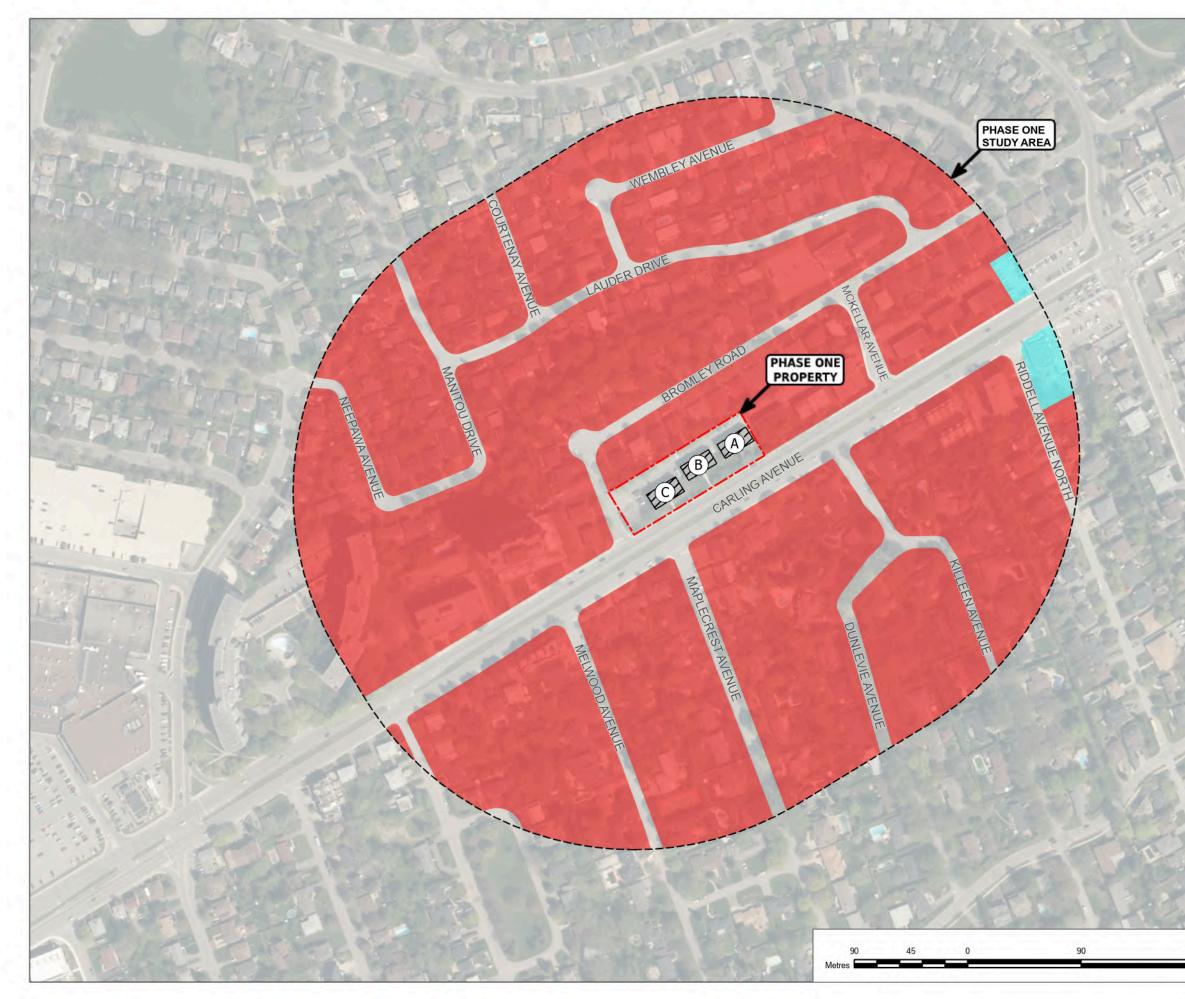
- Province of Ontario. Environmental Protection Act R.S.O. 1990, c. E.19 and Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act. Last amended by Ontario Regulation 333/13 on December 13, 2013.
- Canadian Standards Association (CSA) Standard. CSA Z768-01, Phase I Environmental Site Assessment, Canadian Standards Association International, November 2001, reaffirmed in 2012.
- Ministry of the Environment, Conservation and Parks.
- MECP Brownfields Environmental Site Registry.
- Google Earth<sup>™</sup> Satellite Imagery.
- Intera Technologies Inc. *Inventory of Coal Gasification Plant Waste Sites in Ontario.* April 1987.
- Intera Technologies Inc. *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario.* November 1988.
- *"Phase II Environmental Site Assessment, 1951, 1967 and 1983 Carling Avenue, Ottawa, Ontario"* prepared by Terrapex Environmental Ltd. for Mr. Allen Kerwin, and dated February 7, 2006.
- *"Phase I Environmental Site Assessment, 1951, 1967 and 1983 Carling Avenue, Ottawa, Ontario"*, prepared by Pinchin Ltd. for TD Commercial Banking, and dated June 15, 2015.
- *"Phase I Environmental Site Assessment Update, 1951, 1967 and 1983 Carling Avenue, Ottawa, Ontario"*, prepared by Pinchin Ltd. for McKellar Park Suites, and dated May 29, 2018.
- *"Phase I Environmental Site Assessment, 1951, 1967 and 1983 Carling Avenue, Ottawa, Ontario"*, prepared by Pinchin Ltd. for 2473493 Ontario Inc., and dated December 1, 2020.

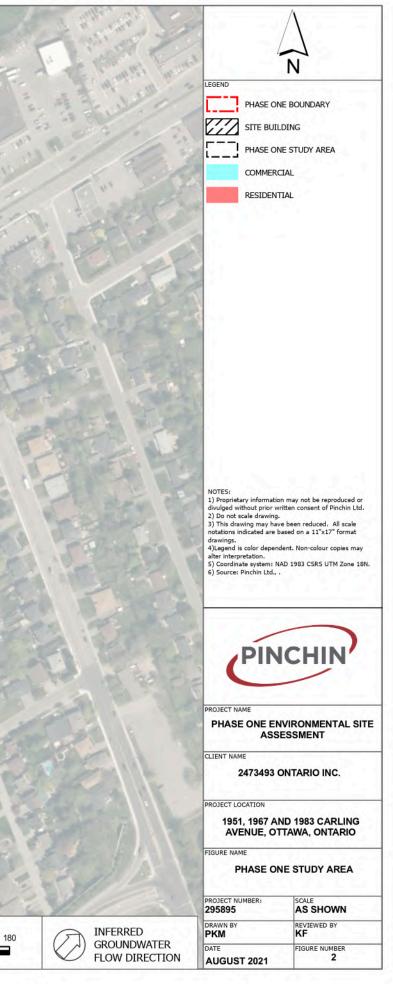
295895 Phase One ESA 1951,1967 and 1983 Carling Avenue, Ottawa ON 2473493 Ontario Inc. Template: Master Report for RSC Phase One ESA Report, EDR, October 16, 2020

10.0 APPENDICES

APPENDIX A Figures









APPENDIX B Photographs



Photo 1 – Site Building A (northwest elevation).



Photo 2 – Site Building B (southeast elevation).



Photo 3 – Site Building C (northwest elevation).



Photo 4 – Property located northeast of the Phase One Property.



Photo 5 – Properties located northwest of the Phase One Property.

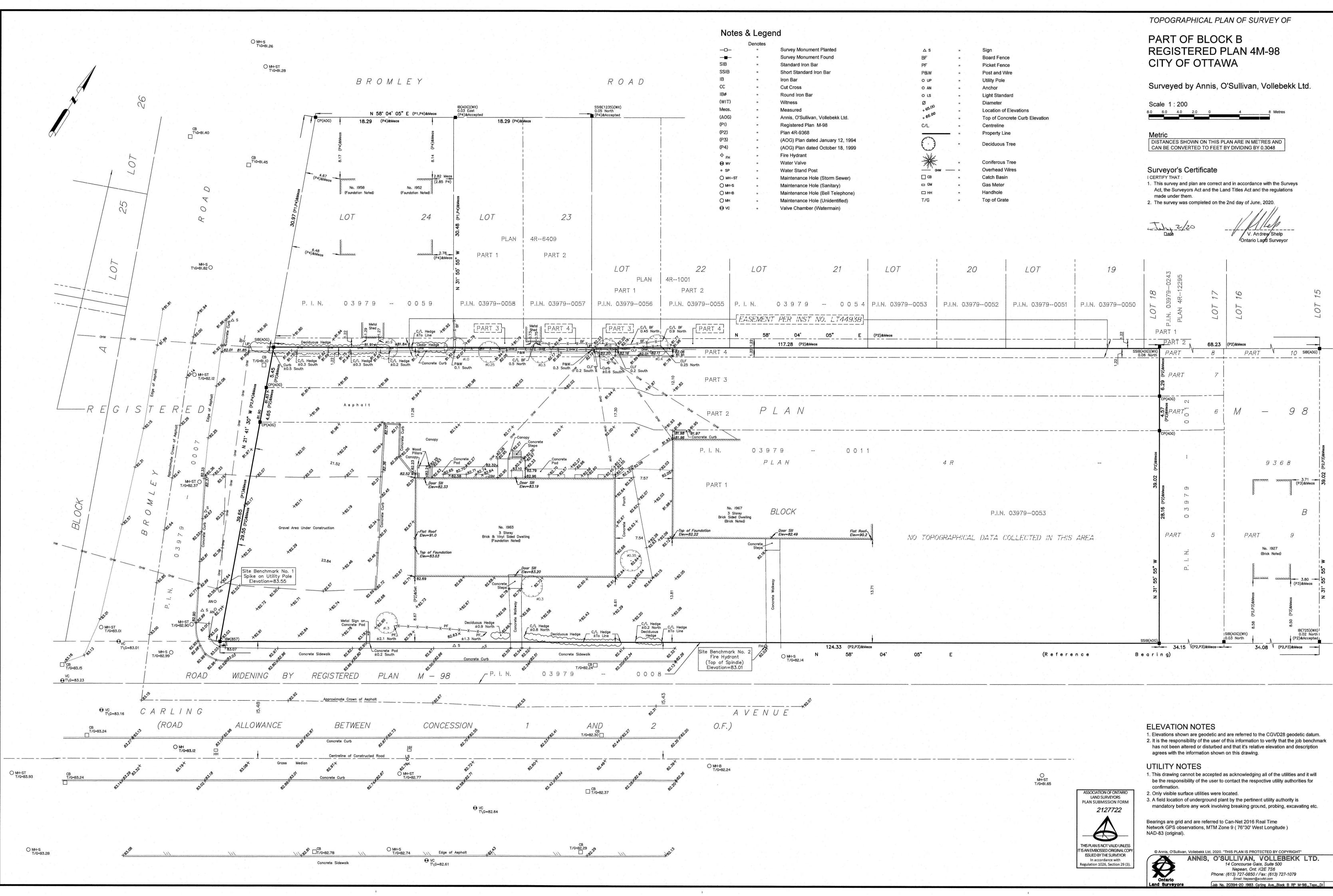


Photo 6 - Properties located southeast of the Phase One Property.

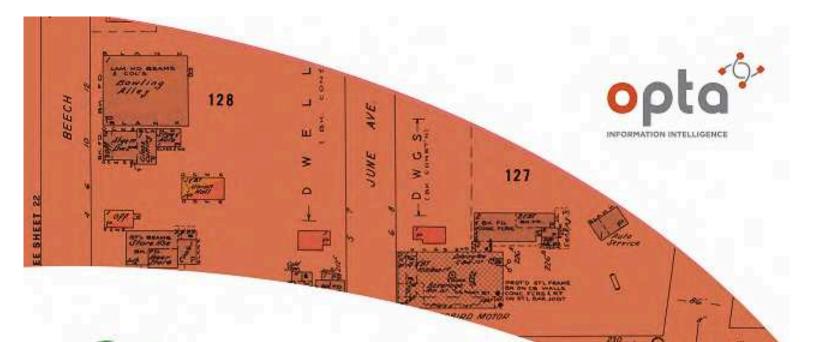


Photo 7 – Properties located southwest of the Phase One Property.

APPENDIX C Survey Plan



APPENDIX D Opta Records



# Senviroscan



#### An SCM Company

175 Commerce Valley Drive W Markham, Ontario L3T 7Z3

T: 905-882-6300 W: www.optaintel.ca

Report Completed By:

Sutharmina Balachandran

#### Site Address:

1983 Carling Avenue Ottawa ON Canada

#### Project No:

102315

Opta Order ID: 19764 Requested by: Cheryl Coulas Pinchin Ltd.

Date Completed: 2/18/2015 8:18:52 AM



ENVIROSCAN Report

Opta Historical Environmental Services Enviroscan Terms and Conditions Requested by:



Cheryl Coulas Date Completed: February 18, 2015 08:18:52

#### Opta Historical Environmental Services Enviroscan<sup>™</sup> Terms and Conditions

#### Report

Project #: 102315

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

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#### **Entire Agreement**

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

#### **Governing Document**

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

#### Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.



175 Commerce Valley Drive W

Markham, Ontario

L3T 7Z3

T: 905.882.6300

Toll Free: 905.882.6300

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**ENVIROSCAN Report** 

**Residential Buildings** 

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**Cheryl Coulas** 

Project #: 102315

#### **Report Title** Page

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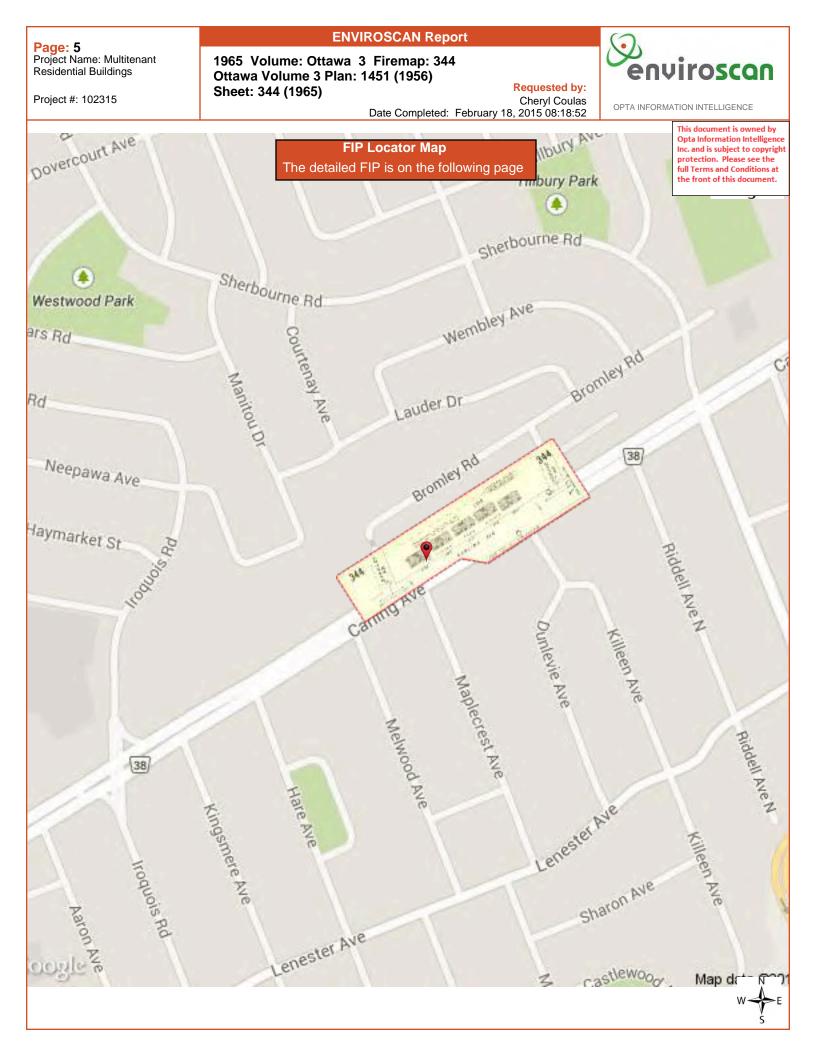
**Report Index** 

9 (1959) Survey For Rating Fire-Resistive Risks & Reinspec. Report - 1959 Various Tenants 1927, 1939, 1951, 1967,1983 Carling Avenue Ottawa ON a (distance = 0 metres\*)

14 (1959) Siteplan Report - 1959 1927,1939, 1951, 1967,1983 Carling Avenue Ottawa ON a (distance = 0 metres\*)

Commercial Property Fire Rating Form Report - 19?? 1983 Carling Avenue Ottawa ON a (distance = 0 metres\*) 16

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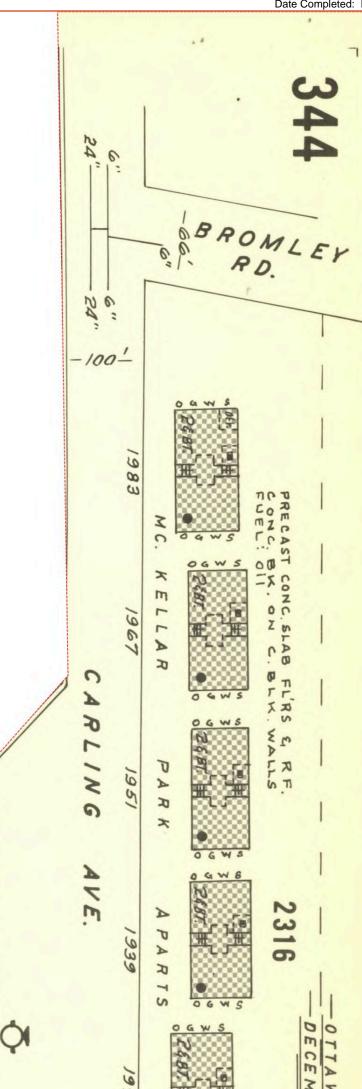
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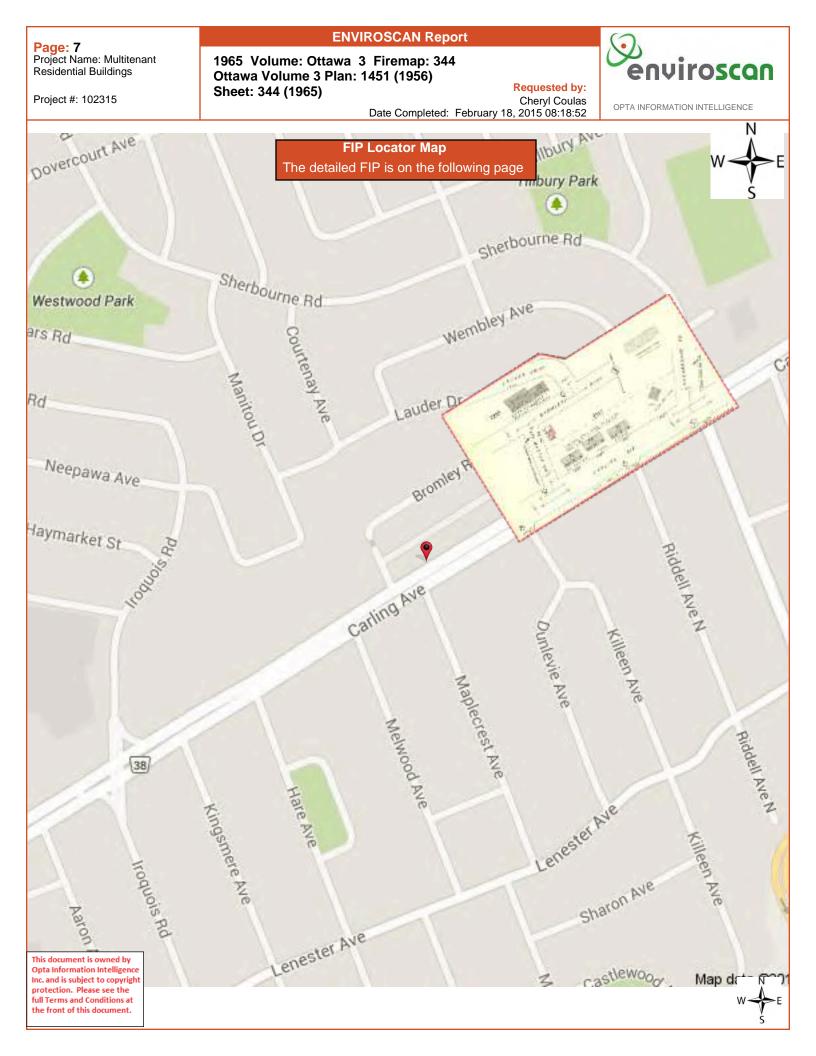
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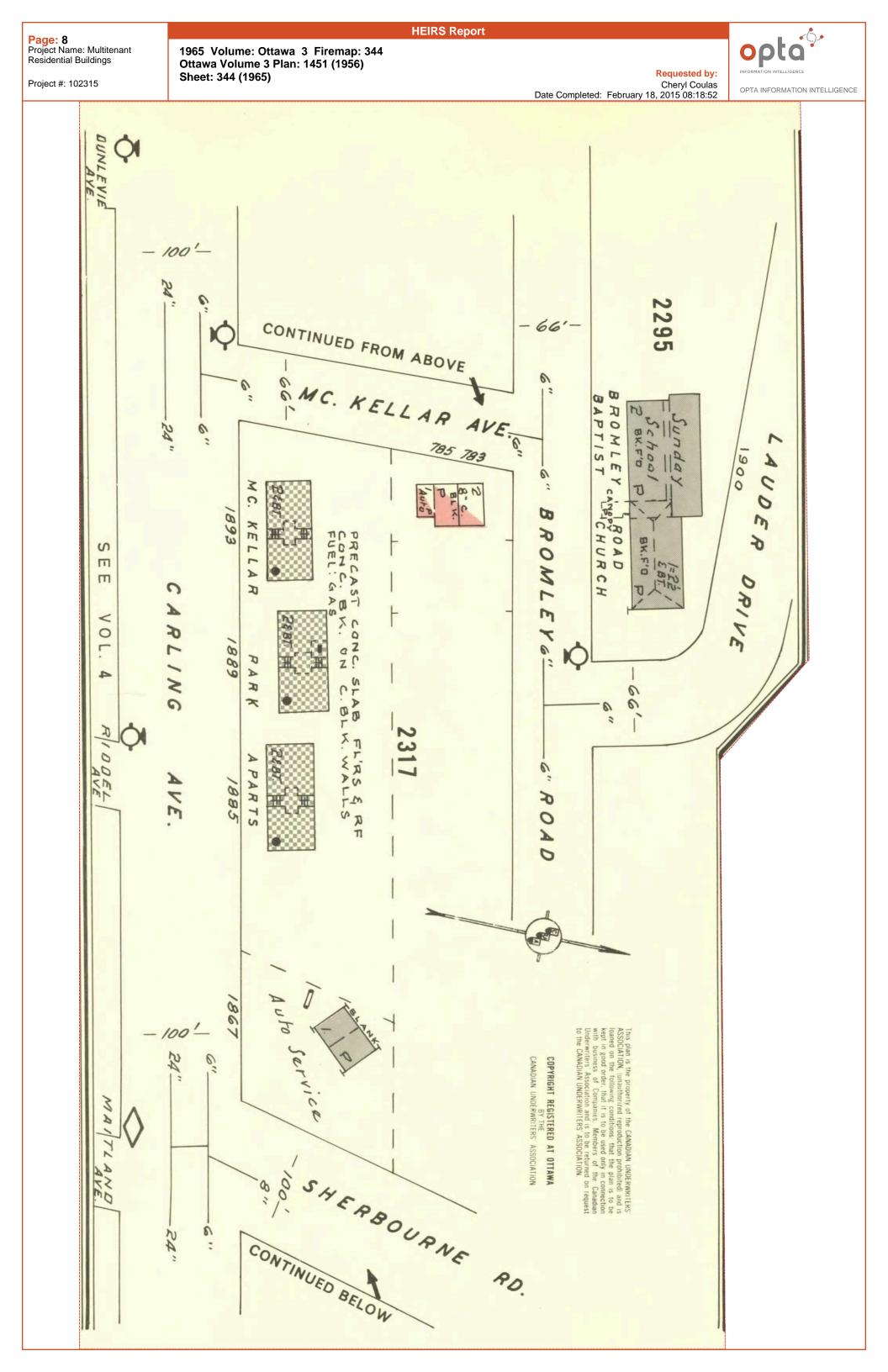
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. COLUMNS AND BEAMS-it metal, are they exposed? A/U If protected, state nature and thickness of such protection (a) Columna NIL (b) Beams Stal - ML+ 1 - protected 5. FLOORS-State type, construction and thickness of each Door 21/2" Somuete on Steel pan Steel Bar firsts and still feams (a) Is there a wood wearing floor? (b) If so, on which storeys? in Apartmetats on lash floor (c) Is it laid directly on incombustible floor or with an air space? Describe lais flat FLOOR OPENINGS 6. Well Holes or Light Wells-Give number in each floor, and size of openings. 7. STAIRWAYS-How many, and state from which floor to which? The enclosed in HER Wood silf Bloring Som Jaom Jat. A 3ed floor 8. ELEVATORS-How many, and state from which floor to which? 9. Chutes, Vents, Dumb Waiters and Belt Holes-Give size, construction of enclosure (if any), type of door (if any), and whether self-closing, stating which floors are Mont cut by each ..... 10. Heating and Ventilating Ducta-Are there any? (a) If so, are they in the Walls, or do they pass through the floors? (b) Give construction (c) State whether separate duct to without communication to other floor Alfacete lach floor (d) Do ducts open into roof space? NO 11. HEIGHT-State number of floors and whether there is a basement 3 A truy - no bus coning 12 Area-Give ground floor dimensions? 87+43=3741-99 13. INTERIOR FINISH-State separately for each floor, finish to walls and ceilings Montipue Martipue Munitipue ML+p ML+p ML+P HCB HCB HCB 4th 5th 6th Walls (b) Ceilings (c) Partitie State extent of any wood partitions, go partitions having wood supports, in square feet separately for each floor :-14. Trim-(a) Are there any wood skirting or baseboards? Yes (b) Wood window frames? Yes (c) Wood doors? Yes (d) is there other inside or outside combustible finish other than above? Describe fully Mark

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Is is in fireproof room with standard fire door? Ar	re there any stoves; if so, how many and where located? Fluct vic in apple
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When are stored tanks to used inits building or outdoor OULT	coll (1000) Are they above or below ground? Uncleagues.
LIGHTING Hay is building lighted? Electricity	If electric, is wiring open or in conduit?
POWER-Is any used Mark is so, what kind?	Total Horse Power?
What used for?	
	ly tank, whether feed is pressure or gravity, quantity of gasoline in engine
More	If so, what quantity of each?
What used for?	
EX	IPOSURE
Ma	
Attachments Are there any attachments of inferior construction?	(a) Give dimensions, height, construction and occupancy, and indicate clearly
diagram	Har
Communications-Does the building communicate with any other building	
(a) If so, are huildings separated by solid wall?	(b) If so, are all openings protected by standard fireproof doors?
	1
	follows:-25 in. thick, three-ply wood core, covered with tin, lockjointed, hun
	by brick, stone or cement sill?
(a) Are they arranged to close automatically by fusible links and weights?	
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Windows-Are all windows of wired glass in metal frames?	
PRO	DTECTION
Fire Department-How many yards distant is the nearest brigade station?	21 ant fail This to Are
Fire Department-How many yards distant is the nearest brigade station?	1420 Guning & Juis windows.
Hydrants-What is the distance to the nearest two two-way hydrants?	
Sucket Tanks of Chemical Extinguishers-Are these provideo	It so, which?
(a) State how many on each floor. Basement	3456
(c) Do they bear the approval label of the Underwriters' Laboratories?	If so, state label numbers
Standpipe and Hose-Is there one standpipe (2 inch interior diameter) for	each 5,000 square feet floor area with hose (11/2 inch cotton) and 1/2-inch nozzle atta
on each floor, so located that all parts of building may be reached with so	same? Zol
	ights, Sundays, holidays, and at all times when plant is not in operation, rounds b
made not less than once an hour during the night, i.e., from 6 p.m. to 6 a.	.m., and every two hours during the day? 7700-L
(a) Does he use a portable clock, electric detector, or report to central stat	
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**ENVIROSCAN Report** 

Siteplan Report - 1959 1927,1939, 1951, 1967,1983 Carling Avenue Ottawa ON a Requested by:



OPTA INFORMATION INTELLIGENCE

Project #: 102315

Cheryl Coulas Date Completed: February 18, 2015 08:18:52

# Siteplan Report - 1959 1927,1939, 1951, 1967,1983 Carling Avenue Ottawa ON a

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#### DIAGRAM

(Note:--A diagram is not required if the Risk and all property within 100 feet is exactly as shown on the insurance plan.) Show all Buildings within 50 feet of the Risk and describe their occupancy, show also any openings between adjoining Buildings and all exposed Windows. Show Frame Buildings with BLACK, Brick Buildings wit RED, Stone or Concrete Buildings with BLUE and Brick Veneered, Brick Nogged or Metal Clad Buildings with DOTTED RED lines for which purpose a red pencil can be used. Be sure to state exact distance between buildings shown.

Please Draw Diagram at a scale of 50 feet = 1 inch (same as the Insurance Plans).

NORTH AVENUE MCKELLAR PARK APTS. BROMLEY, FINE - 11- SHITE - APARTMENT - HOUSES BRICK-FACED- + HCB. WALLS · CONCRETE-FLOORS - 13/4 " CONCRETE (SPORES) DIL HEAT NATCHS WEST EAST 1983 This document is owned by Opta CARLING AVENUE Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions. SOUTH EXPOSURE. Note .- These questions must be answered fully. North 200 ft. to building built of .... stories high, occupied an South 100 .. East 250 West 50 .. I hereby state that the above questions are fully and correctly answered, and agree that they shall form the basis of rating to be given by the C.U.A. SIGNATURE If Williamson - mpectos! (State whether Owner, Occupant or Architect) DATE March 12 4. , 19.59 Form 235

#### **ENVIROSCAN Report**

Commercial Property Fire Rating Form Report - 19?? 1983 Carling Avenue Ottawa ON a



Project #: 102315

Cheryl Coulas Date Completed: February 18, 2015 08:18:52

Requested by:

### Commercial Property Fire Rating Form Report - 19?? 1983 Carling Avenue Ottawa ON a

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APPENDIX E ERIS Report



## DATABASE REPORT

**Project Property:** 

Project No: Report Type: Order No: Requested by: Date Completed: 1951, 1967 and 1983 Carling Ave Ottawa ON 1951 Carling Ave Ottawa ON K2A 1C2 295895 Quote - Custom-Build Your Own Report 21071500227 Pinchin Ltd. July 20, 2021

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

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# **Executive Summary**

## Property Information:

**Project Property:** 

**Project No:** 

1951, 1967 and 1983 Carling Ave Ottawa ON 1951 Carling Ave Ottawa ON K2A 1C2

295895

## Order Information:

Order No: Date Requested: Requested by: Report Type: 21071500227 July 15, 2021 Pinchin Ltd. Quote - Custom-Build Your Own Report

#### Historical/Products:

**Topographic Map** 

ANSI Map & Ontario Base Map (OBM)

# Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	4	4
CA	Certificates of Approval	Y	0	5	5
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 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	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	5	5
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	4	14	18
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Ŷ	0	0	0
FSTH	Fuel Storage Tank - Historic	Ŷ	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Ŷ	0	5	5
GHG	Greenhouse Gas Emissions from Large Facilities	Ŷ	0	0	0
HINC	TSSA Historic Incidents	Y	0	4	4

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
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) 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 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	3	3
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	8	8
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	46	46
	-	Total:	4	94	98

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# Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	EHS		1983 Carling Ave Ottawa ON K2A1E9	WNW/0.0	0.00	<u>28</u>
<u>2</u>	EHS		1951 Carling Ave Ottawa ON K2A 1C2	ENE/0.0	0.00	<u>28</u>
2	EHS		1951 Carling Ave Ottawa ON K2A 1C2	ENE/0.0	0.00	<u>28</u>
<u>3</u>	EHS		1983 Carling Avenue Ottawa ON K2A 1E9	WSW/0.0	0.07	<u>28</u>

# Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>4</u>	SPL	City of Ottawa	Carling Ave at Bromley Ottawa ON	SW/10.8	1.00	<u>29</u>
<u>5</u>	EHS		1995 Carling Avenue Ottawa ON K2A 1G3	WSW/20.2	0.00	<u>29</u>
<u>5</u>	EHS		1995 Carling Avenue Ottawa ON K2A 1G3	WSW/20.2	0.00	<u>29</u>
<u>5</u>	EHS		1995 Carling Avenue Ottawa ON K2A 1G3	WSW/20.2	0.00	<u>29</u>
<u>5</u>	EHS		1995 Carling Avenue Ottawa ON K2A 1G3	WSW/20.2	0.00	<u>30</u>
<u>5</u>	EHS		1995 Carling Avenue Ottawa ON K2A 1G3	WSW/20.2	0.00	<u>30</u>
<u>6</u>	EHS		1940 Carling Ottawa ON K2A 1E8	ESE/46.2	0.80	<u>30</u>
<u>6</u>	EHS		1940 Carling Ottawa ON K2A 1E8	ESE/46.2	0.80	<u>30</u>
<u>6</u>	EHS		1940 Carling Ottawa ON K2A 1E8	ESE/46.2	0.80	<u>30</u>
<u>6</u>	EHS		1940 Carling Ottawa ON K2A 1E8	ESE/46.2	0.80	<u>31</u>
<u>6</u>	EHS		1940 Carling Ottawa ON K2A 1E8	ESE/46.2	0.80	<u>31</u>
<u>7</u>	WWIS		ON	ESE/48.8	0.80	<u>31</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<b>Well ID:</b> 1508000			
<u>8</u>	WWIS		ON <i>Well ID:</i> 1508390	E/49.7	0.00	<u>34</u>
<u>9</u>	WWIS		ON <b>Well ID:</b> 1508152	ESE/64.6	0.69	<u>37</u>
<u>10</u>	WWIS		ON Well ID: 1508461	S/70.4	1.00	<u>39</u>
<u>11</u>	GEN	HOMESTEAD LANDHOLDINGS	2001 CARLING AVE OTTAWA ON K2A 3W5	WSW/74.3	-0.08	<u>41</u>
<u>11</u>	EHS		2001 Carling Ave Ottawa ON K2A 3W5	WSW/74.3	-0.08	<u>42</u>
<u>11</u>	SPL		2001 Carling Ave. Westbound lane Ottawa ON	WSW/74.3	-0.08	<u>42</u>
<u>11</u>	GEN	Homestead Land Holdings Ltd.	2001 CARLING AVENUE OTTAWA ON K2A 3W5	WSW/74.3	-0.08	<u>42</u>
<u>11</u>	EHS		2001 Carling Ave Ottawa ON K2A3W5	WSW/74.3	-0.08	<u>43</u>
<u>11</u>	GEN	Homestead Land Holdings Ltd. Homestead Land Holdings Ltd.	2001 Carling Avenue OTTAWA ON K2A 3W5	WSW/74.3	-0.08	<u>43</u>
<u>11</u>	EHS		2001 Carling Ave Ottawa ON	WSW/74.3	-0.08	<u>43</u>
<u>11</u>	GEN	Homestead Land Holdings Ltd. Homestead Land Holdings Ltd.	2001 Carling Avenue OTTAWA ON K2A 3W5	WSW/74.3	-0.08	<u>44</u>
<u>11</u>	EHS		2001 Carling Ave Ottawa ON	WSW/74.3	-0.08	<u>44</u>
<u>12</u>	WWIS		ON	E/88.5	0.00	<u>44</u>

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Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1508151			
<u>13</u>	WWIS		ON <i>Well ID:</i> 1508143	ESE/93.3	1.00	<u>47</u>
<u>14</u>	WWIS		ON <b>Well ID:</b> 1508149	E/93.4	0.00	<u>50</u>
<u>15</u>	WWIS		ON <b>Well ID:</b> 1507985	SW/93.9	1.00	<u>52</u>
<u>16</u>	BORE		ON	ENE/94.3	-1.00	<u>55</u>
<u>17</u>	WWIS		ON <b>Well ID:</b> 1508463	SSE/99.6	1.00	<u>56</u>
<u>18</u>	CA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	SW/108.0	1.00	<u>59</u>
<u>18</u>	CA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	SW/108.0	1.00	<u>59</u>
<u>18</u>	CA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	SW/108.0	1.00	<u>59</u>
<u>18</u>	ECA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	SW/108.0	1.00	<u>60</u>
<u>18</u>	ECA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	SW/108.0	1.00	<u>60</u>
<u>18</u>	ECA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	SW/108.0	1.00	<u>60</u>
<u>19</u>	WWIS		ON <i>Well ID:</i> 1508135	SE/118.0	1.00	<u>60</u>
<u>20</u>	BORE		ON	S/123.9	2.03	<u>63</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>21</u>	WWIS		lot 28 con 2 ON <i>Well ID:</i> 1510604	S/124.0	2.03	<u>64</u>
<u>22</u>	WWIS		ON <i>Well ID:</i> 1508465	SSW/127.3	2.00	<u>67</u>
<u>23</u>	wwis		ON <b>Well ID:</b> 1508132	ESE/133.9	1.00	<u>70</u>
<u>24</u>	WWIS		ON <i>Well ID:</i> 1507978	E/135.4	0.00	<u>72</u>
<u>25</u>	WWIS		ON <i>Well ID:</i> 1507979	ESE/136.7	1.00	<u>75</u>
<u>26</u>	WWIS		ON <i>Well ID:</i> 1508483	SSW/140.9	2.00	<u>78</u>
<u>26</u>	WWIS		ON <b>Well ID:</b> 1508482	SSW/140.9	2.00	<u>80</u>
<u>27</u>	WWIS		ON <b>Well ID:</b> 1508385	ESE/146.8	1.00	<u>83</u>
<u>27</u>	WWIS		ON <i>Well ID:</i> 1508389	ESE/146.8	1.00	<u>85</u>
<u>28</u>	CA	DRMG Development Ltd.	1908 Carling Ave Ottawa ON K2A 1E7	E/147.3	0.00	<u>88</u>
<u>28</u>	CA	DRMG Development Ltd.	1908 Carling Ave Ottawa ON K2A 1E7	E/147.3	0.00	<u>88</u>
<u>28</u>	ECA	DRMG Development Ltd.	1908 Carling Ave Ottawa ON K1V 2B2	E/147.3	0.00	<u>88</u>
<u>28</u>	ECA	DRMG Development Ltd.	1908 Carling Ave Ottawa ON K1V 2B2	E/147.3	0.00	<u>89</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>29</u>	WWIS		ON <i>Well ID:</i> 1508387	ESE/148.9	1.00	<u>89</u>
<u>29</u>	WWIS		ON <i>Well ID:</i> 1508392	ESE/148.9	1.00	<u>91</u>
<u>30</u>	BORE		ON	ENE/151.7	-1.00	<u>94</u>
<u>31</u>	WWIS		ON <i>Well ID:</i> 1508486	S/156.9	2.00	<u>95</u>
<u>32</u>	SPL	S. 21	1945 LAUDER STREET <unofficial> Ottawa ON K2A 1B2</unofficial>	NNW/157.8	-1.67	<u>98</u>
<u>33</u>	WWIS		ON <i>Well ID:</i> 1508142	ESE/162.1	1.00	<u>98</u>
<u>34</u>	WWIS		lot 28 con 2 ON <i>Well ID:</i> 1510600	SE/165.4	1.00	<u>101</u>
<u>35</u>	WWIS		ON <i>Well ID:</i> 1508480	SSW/170.0	2.00	<u>103</u>
<u>36</u>	WWIS		ON <i>Well ID:</i> 1508130	ESE/174.2	1.00	<u>106</u>
<u>37</u>	WWIS		ON <i>Well ID:</i> 1507991	SW/191.0	1.00	<u>109</u>
<u>38</u>	WWIS		ON <i>Well ID:</i> 1508136	ESE/197.7	2.00	<u>111</u>
<u>39</u>	HINC		818 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	E/197.8	0.00	<u>114</u>
<u>40</u>	WWIS		lot 28 con 2 ON	SSW/201.0	2.00	<u>114</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1510599			
<u>41</u>	WWIS		ON <b>Well ID:</b> 1508791	E/203.4	0.00	<u>117</u>
<u>41</u>	WWIS		ON <i>Well ID:</i> 1508793	E/203.4	0.00	<u>120</u>
<u>42</u>	WWIS		ON <i>Well ID:</i> 1508460	SSE/205.0	2.00	<u>122</u>
<u>43</u>	WWIS		ON <b>Well ID:</b> 1508481	SSW/205.7	2.00	<u>125</u>
<u>44</u>	HINC		826 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	E/206.6	0.00	<u>128</u>
<u>45</u>	WWIS		lot 28 con 2 ON	E/207.7	0.00	<u>128</u>
<u>46</u>	WWIS		<i>Well ID:</i> 1510602 lot 28 con 2 ON	SSE/209.0	2.00	<u>131</u>
<u>47</u>	WWIS		<i>Well ID:</i> 1510601 ON	E/210.5	1.00	<u>134</u>
<u>48</u>	WWIS		<i>Well ID:</i> 1508786 ON	SSE/211.2	2.00	<u>137</u>
<u>49</u>	GEN	SOMERSET TOWERS	<i>Well ID:</i> 1508462 2045 CARLING AVENUE OTTAWA ON K2A 1G5	WSW/219.2	0.00	<u>140</u>
<u>50</u>	HINC		830 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	E/221.0	0.69	<u>140</u>
<u>51</u>	SPL	Enbridge Gas Distribution Inc.	1943 Wembley Ave. Ottawa ON K2A 1A8	NNW/223.4	-2.00	<u>140</u>
<u>51</u>	PINC		1943 Wembley Avenue, Ottawa ON	NNW/223.4	-2.00	<u>141</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>52</u>	SPL	ONTARIO HYDRO	851 KILLEEN ANE TRANSFORMER OTTAWA CITY ON K2A 2X8	ESE/224.6	1.00	<u>141</u>
<u>52</u>	SPL	Enbridge Energy Distribution Inc.	851 Killeen Ave. Ottawa ON	ESE/224.6	1.00	<u>142</u>
<u>52</u>	PINC	PIPELINE HIT 0.5"	851 KILLEEN AVE,,OTTAWA,ON,K2A 2X8, CA ON	ESE/224.6	1.00	<u>142</u>
<u>53</u>	WWIS		ON <i>Well ID:</i> 1508388	ESE/227.0	2.00	<u>143</u>
54	WWIS		ON <i>Well ID:</i> 1508776	E/228.7	0.69	<u>145</u>
<u>54</u>	WWIS		ON <i>Well ID:</i> 1508777	E/228.7	0.69	<u>148</u>
<u>55</u>	WWIS		ON <i>Well ID:</i> 1508857	SW/230.2	2.00	<u>151</u>
<u>56</u>	WWIS		ON <i>Well ID:</i> 1508788	E/230.7	0.00	<u>153</u>
<u>57</u>	WWIS		ON <i>Well ID:</i> 1508141	SE/231.8	2.00	<u>156</u>
<u>58</u>	WWIS		ON <i>Well ID:</i> 1508231	SW/232.8	1.00	<u>158</u>
<u>59</u>	WWIS		ON <i>Well ID:</i> 1508792	E/233.6	0.69	<u>161</u>
<u>60</u>	BORE		ON	SW/237.7	1.00	<u>163</u>
<u>61</u>	wwis		ON	ESE/242.1	1.00	<u>165</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1508384			
<u>62</u>	SPL	PETRO-CANADA	861 KILEEN AVENUE TANK TRUCK (CARGO) OTTAWA CITY ON	ESE/249.5	1.00	<u>167</u>
<u>63</u>	HINC		850 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	E/249.6	1.00	<u>168</u>
<u>64</u>	PINC	PIPELINE HIT 1/2"	658 SHERBOURNE RD,,OTTAWA,ON, K2A 3H3,CA ON	NNW/249.6	-2.80	<u>168</u>
<u>65</u>	SPL	PRIVATE RESIDENCE	731 COURTNEY AVENUE FURNACE OIL TANK OTTAWA CITY ON	NW/249.9	-3.75	<u>169</u>

# Executive Summary: Summary By Data Source

# **BORE** - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 4 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	Address	<u>Distance (m)</u>	<u>Map Key</u>
	ON	94.3	<u>16</u>
	ON	123.9	<u>20</u>
	ON	151.7	<u>30</u>
	ON	237.7	<u>60</u>

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

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 5 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u> 4042841 Canada Inc.	Address 2000 Carling Ave Ottawa ON K2A 1G2	<b>Distance (m)</b> 108.0	<u>Map Key</u> <u>18</u>
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	108.0	<u>18</u>
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	108.0	<u>18</u>
DRMG Development Ltd.	1908 Carling Ave Ottawa ON K2A 1E7	147.3	<u>28</u>

Site	Address	<u>Distance (m)</u>	<u>Map Key</u>
DRMG Development Ltd.	1908 Carling Ave Ottawa ON K2A 1E7	147.3	<u>28</u>

# **ECA** - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- May 31, 2021 has found that there are 5 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u> 4042841 Canada Inc.	Address 2000 Carling Ave Ottawa ON K2A 1P4	<u>Distance (m)</u> 108.0	<u>Map Key</u> <u>18</u>
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	108.0	<u>18</u>
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	108.0	<u>18</u>
DRMG Development Ltd.	1908 Carling Ave Ottawa ON K1V 2B2	147.3	<u>28</u>
DRMG Development Ltd.	1908 Carling Ave Ottawa ON K1V 2B2	147.3	<u>28</u>

# **EHS** - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 18 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u> 1983 Carling Ave Ottawa ON K2A1E9	<b>Distance (m)</b> 0.0	<u>Мар Кеу</u> <u>1</u>
	1951 Carling Ave Ottawa ON K2A 1C2	0.0	<u>2</u>

Address	<u>Distance (m)</u>	<u>Map Key</u>
1951 Carling Ave Ottawa ON K2A 1C2	0.0	<u>2</u>
1983 Carling Avenue Ottawa ON K2A 1E9	0.0	<u>3</u>
1995 Carling Avenue Ottawa ON K2A 1G3	20.2	<u>5</u>
1995 Carling Avenue Ottawa ON K2A 1G3	20.2	<u>5</u>
1995 Carling Avenue Ottawa ON K2A 1G3	20.2	<u>5</u>
1995 Carling Avenue Ottawa ON K2A 1G3	20.2	<u>5</u>
1995 Carling Avenue Ottawa ON K2A 1G3	20.2	<u>5</u>
1940 Carling Ottawa ON K2A 1E8	46.2	<u>6</u>
1940 Carling Ottawa ON K2A 1E8	46.2	<u>6</u>
1940 Carling Ottawa ON K2A 1E8	46.2	<u>6</u>
1940 Carling Ottawa ON K2A 1E8	46.2	<u>6</u>

<u>Address</u> 1940 Carling Ottawa ON K2A 1E8	<u>Distance (m)</u> 46.2	<u>Map Key</u> <u>6</u>
2001 Carling Ave Ottawa ON K2A3W5	74.3	<u>11</u>
2001 Carling Ave Ottawa ON	74.3	<u>11</u>
2001 Carling Ave Ottawa ON	74.3	<u>11</u>
2001 Carling Ave Ottawa ON K2A 3W5	74.3	<u>11</u>

# **<u>GEN</u>** - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 5 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u> Homestead Land Holdings Ltd. Homestead Land Holdings Ltd.	<u>Address</u> 2001 Carling Avenue OTTAWA ON K2A 3W5	<u>Distance (m)</u> 74.3	<u>Map Key</u> <u>11</u>
Homestead Land Holdings Ltd.	2001 CARLING AVENUE OTTAWA ON K2A 3W5	74.3	<u>11</u>
HOMESTEAD LANDHOLDINGS	2001 CARLING AVE OTTAWA ON K2A 3W5	74.3	<u>11</u>
Homestead Land Holdings Ltd. Homestead Land Holdings Ltd.	2001 Carling Avenue OTTAWA ON K2A 3W5	74.3	<u>11</u>
SOMERSET TOWERS	2045 CARLING AVENUE OTTAWA ON K2A 1G5	219.2	<u>49</u>

<u>Map Key</u>

# HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009\* has found that there are 4 HINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u> 818 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	<u>Distance (m)</u> 197.8	<u>Map Key</u> <u>39</u>
	826 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	206.6	<u>44</u>
	830 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	221.0	<u>50</u>
	850 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	249.6	<u>63</u>

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

A search of the PINC database, dated Oct 31, 2020 has found that there are 3 PINC site(s) within approximately 0.25 kilometers of the project property.

Site	<u>Address</u> 1943 Wembley Avenue, Ottawa ON	<u>Distance (m)</u> 223.4	<u>Map Key</u> <u>51</u>
PIPELINE HIT 0.5"	851 KILLEEN AVE,,OTTAWA,ON,K2A 2X8, CA ON	224.6	<u>52</u>
PIPELINE HIT 1/2"	658 SHERBOURNE RD,,OTTAWA,ON,K2A 3H3,CA ON	249.6	<u>64</u>

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# SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 8 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u> City of Ottawa	Address Carling Ave at Bromley Ottawa ON	<u>Distance (m)</u> 10.8	<u>Map Key</u> <u>4</u>
	2001 Carling Ave. Westbound lane Ottawa ON	74.3	<u>11</u>
S. 21	1945 LAUDER STREET <unofficial> Ottawa ON K2A 1B2</unofficial>	157.8	<u>32</u>
Enbridge Gas Distribution Inc.	1943 Wembley Ave. Ottawa ON K2A 1A8	223.4	<u>51</u>
ONTARIO HYDRO	851 KILLEEN ANE TRANSFORMER OTTAWA CITY ON K2A 2X8	224.6	<u>52</u>
Enbridge Energy Distribution Inc.	851 Killeen Ave. Ottawa ON	224.6	<u>52</u>
PETRO-CANADA	861 KILEEN AVENUE TANK TRUCK (CARGO) OTTAWA CITY ON	249.5	<u>62</u>
PRIVATE RESIDENCE	731 COURTNEY AVENUE FURNACE OIL TANK OTTAWA CITY ON	249.9	<u>65</u>

## WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 46 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<b>0</b> 11	48.8	7
	ON		

Address Well ID: 1508000	<u>Distance (m)</u>	<u>Map Key</u>
ON	49.7	<u>8</u>
Well ID: 1508390 ON	64.6	<u>9</u>
Well ID: 1508152		
ON	70.4	<u>10</u>
Well ID: 1508461		
ON <i>Well ID:</i> 1508151	88.5	<u>12</u>
	93.3	<u>13</u>
ON <i>Well ID:</i> 1508143		
ON	93.4	<u>14</u>
<b>Well ID:</b> 1508149		
ON <i>Well ID:</i> 1507985	93.9	<u>15</u>
	99.6	17
ON <i>Well ID:</i> 1508463		_
ON	118.0	<u>19</u>
Well ID: 1508135		
lot 28 con 2 ON	124.0	<u>21</u>
<b>Well ID:</b> 1510604		
ON	127.3	<u>22</u>
Well ID: 1508465		

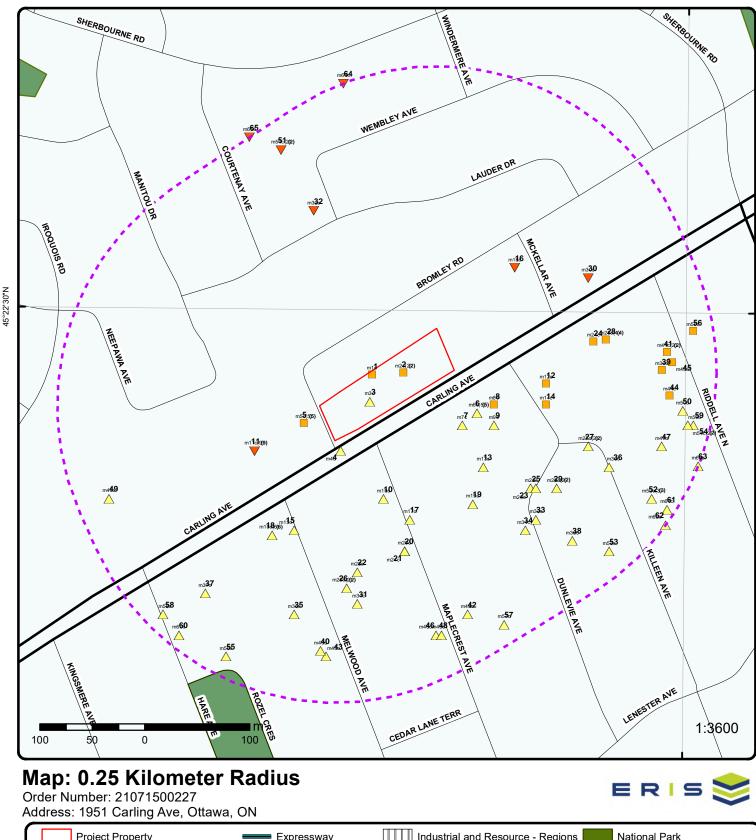
Address	<u>Distance (m)</u> 133.9	<u>Map Key</u> 23
ON		
Well ID: 1508132		
ON	135.4	<u>24</u>
<b>Well ID:</b> 1507978		
	400 7	
ON	136.7	<u>25</u>
Well ID: 1507979		
	140.9	26
ON		_
<b>Well ID:</b> 1508483		
ON	140.9	<u>26</u>
Well ID: 1508482		
ON	146.8	<u>27</u>
Well ID: 1508385		
	146.8	27
ON		<u></u>
Well ID: 1508389		
ON	148.9	<u>29</u>
<b>Well ID:</b> 1508387		
ON	148.9	<u>29</u>
<b>Well ID:</b> 1508392		
	156.9	24
ON	100.0	<u>31</u>
Well ID: 1508486		
	162.1	<u>33</u>
ON <i>Well ID:</i> 1508142		—
<b>WEILID.</b> 1900142		
lot 28 con 2 ON	165.4	<u>34</u>

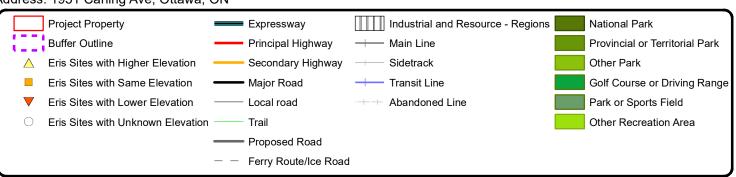
<u>Address</u> <i>Well ID:</i> 1510600	<u>Distance (m)</u>	<u>Map Key</u>
ON <b>Well ID:</b> 1508480	170.0	<u>35</u>
ON	174.2	<u>36</u>
<i>Well ID:</i> 1508130 ON	191.0	<u>37</u>
Well ID: 1507991	197.7	<u>38</u>
ON <i>Well ID:</i> 1508136		
lot 28 con 2 ON <i>Well ID:</i> 1510599	201.0	<u>40</u>
ON <i>Well ID:</i> 1508791	203.4	<u>41</u>
ON Well ID: 1508793	203.4	<u>41</u>
ON	205.0	<u>42</u>
<i>Well ID:</i> 1508460 ON	205.7	<u>43</u>
Well ID: 1508481	207.7	45
ON <i>Well ID:</i> 1510602		_
lot 28 con 2 ON <i>Well ID:</i> 1510601	209.0	<u>46</u>

Address	<u>Distance (m)</u> 210.5	<u>Map Key</u> 47
ON	210.0	<u>41</u>
Well ID: 1508786		
ON	211.2	<u>48</u>
Well ID: 1508462		
ON	227.0	<u>53</u>
Well ID: 1508388		
	228.7	<u>54</u>
ON		
<b>Well ID:</b> 1508776		
	228.7	54
ON		_
Well ID: 1508777		
	230.2	55
ON		<u></u>
Well ID: 1508857		
	220 7	
ON	230.7	<u>56</u>
Well ID: 1508788		
ON	231.8	<u>57</u>
Well ID: 1508141		
ON	232.8	<u>58</u>
Well ID: 1508231		
ON	233.6	<u>59</u>
ON		
Well ID: 1508792		
	242.1	61
ON		_
Well ID: 1508384		

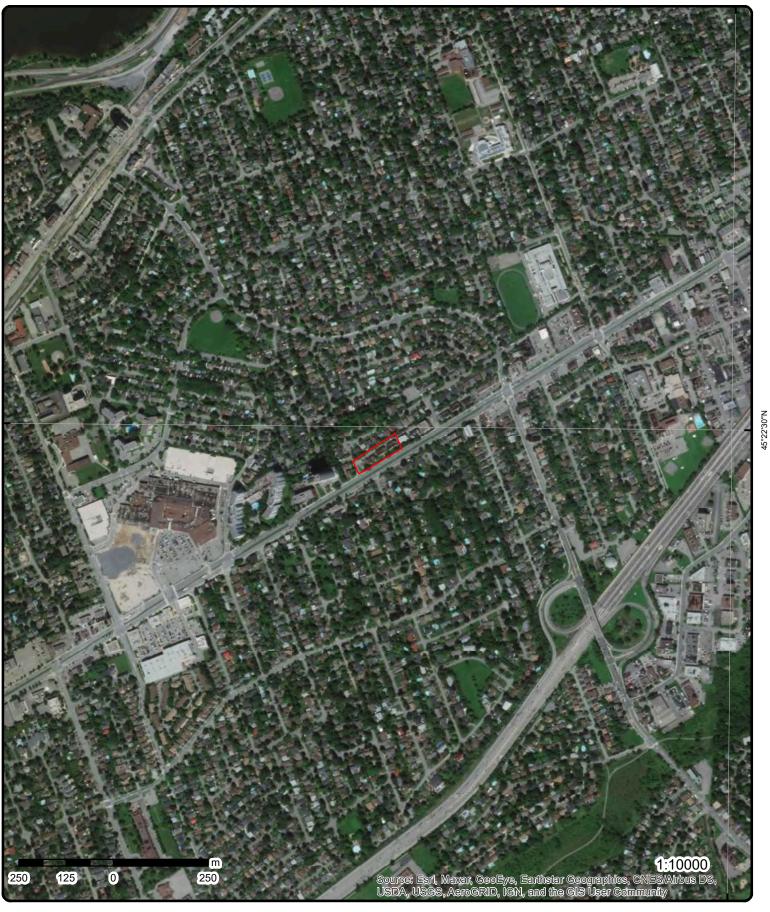


45°22'30"N





Source: © 2015 DMTI Spatial Inc.



Aerial Year: 2020

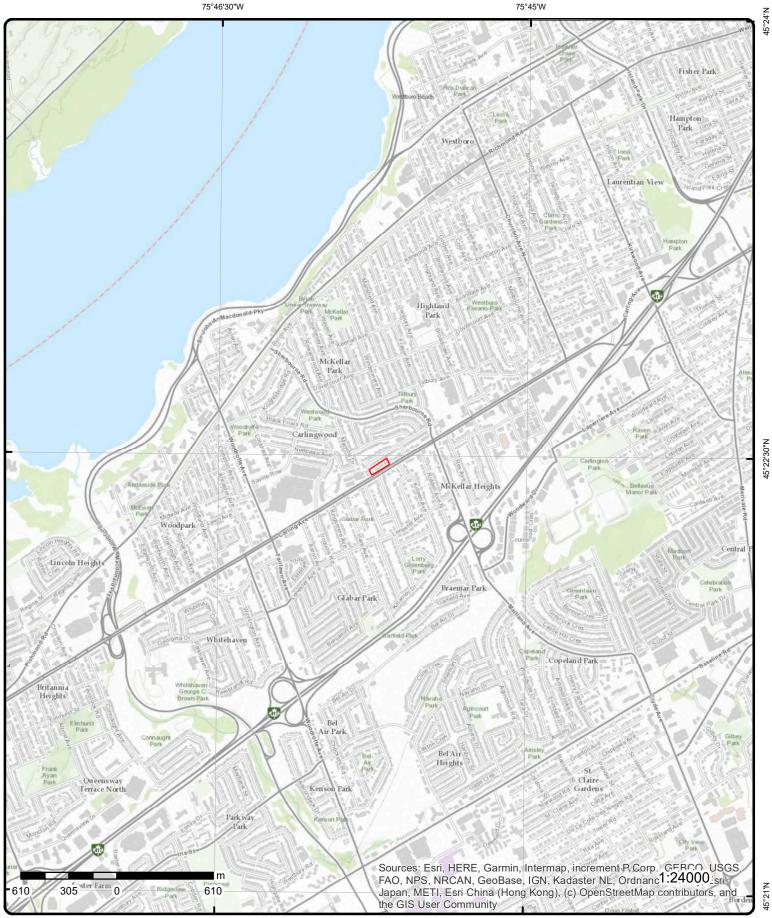
Address: 1951 Carling Ave, Ottawa, ON

Source: ESRI World Imagery

Order Number: 21071500227



© ERIS Information Limited Partnership



# **Topographic Map**

45°22'30"N

45°21'N

# Order Number: 21071500227



Address: 1951 Carling Ave, ON

Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

# Detail Report

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>1</u>	1 of 1		WNW/0.0	79.9/0.00	1983 Carling Ave Ottawa ON K2A1E9		EHS
Order No: Status: Report Type Report Date Date Receiv Previous Sit Lot/Building Additional In	: ed: te Name: ı Size:	20150210066 C Custom Repo 17-FEB-15 10-FEB-15			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.762134 45.374448	
<u>2</u>	1 of 2		ENE/0.0	79.9 / 0.00	1951 Carling Ave Ottawa ON K2A 1C2		EHS
Order No: Status: Report Type Report Date Date Receiv Previous Sit Lot/Building Additional In	: ed: te Name: ı Size:	2031090024 C Standard Re 12-NOV-20 09-NOV-20			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.7617546 45.3744646	
<u>2</u>	2 of 2		ENE/0.0	79.9 / 0.00	1951 Carling Ave Ottawa ON K2A 1C2		EHS
Order No:20310900245Status:CReport Type:Standard ReportReport Date:12-NOV-20Date Received:09-NOV-20Previous Site Name:Lot/Building Size:Additional Info Ordered:Image: Content of the second seco			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.7617546 45.3744646			
<u>3</u>	1 of 1		WSW/0.0	79.9 / 0.07	1983 Carling Avenue Ottawa ON K2A 1E9		EHS
Order No: Status: Report Type Report Date Date Receiv Previous Sit Lot/Building Additional In	: ed: te Name: ı Size:	20051117009 C Custom Repo 11/25/2005 11/17/2005			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON 0.25 -75.761992 45.374216	

Мар Кеу	Numbel Record		Elev/Diff ) (m)	Site		D
4	1 of 1	SW/10.8	80.9 / 1.00	City of Ottawa Carling Ave at Bromle Ottawa ON	ey .	SP
Ref No:		0256-9HFSFM		Discharger Report:		
Site No:		NA		Material Group:		
Incident Dt:		2014/03/22		Health/Env Conseq:		
Year:				Client Type:		
Incident Cau	ise:	Collision/Accident		Sector Type:	Motor Vehicle	
Incident Eve				Agency Involved:		
Contaminan	t Code:	15		Nearest Watercourse:		
Contaminan	t Name:	TRANSMISSION OIL		Site Address:	Carling Ave at Bromley	,
Contaminan	t Limit 1:			Site District Office:		
Contam Lim	it Freq 1:			Site Postal Code:		
Contaminan				Site Region:		
Environmen		Not Anticipated		Site Municipality:	Ottawa	
Nature of Im		Other Impact(s)		Site Lot:		
Receiving M				Site Conc:		
Receiving E				Northing:		
MOE Respor		No Field Response		Easting:		
Dt MOE Arvl		2014/02/22		Site Geo Ref Accu:		
MOE Report		2014/03/22		Site Map Datum:	Law d On the	
Dt Documen		2014/10/29 Material Failure Dear Dear	an/Cubatandard	SAC Action Class:	Land Spills	
Incident Rea	ison:	Material Failure - Poor Des Material	ign/Substandard	Source Type:		
Site Name:			mision fluid. <unof< td=""><td>FICIAL&gt;</td><td></td><td></td></unof<>	FICIAL>		
Site County/	District:	-				
Site Geo Ref						
Incident Sun			smission to roadway	1.		
Contaminan	t Qty:	1 L				
5	1 of 5	WSW/20.2	79.9 / 0.00	1995 Carling Avenue		
<u>5</u>	1015	WGW/20.2	79.970.00	Ottawa ON K2A 1G3		EHS
Order No:		20191210007		Nearest Intersection:		
Status:		С		Municipality:		
Report Type		Standard Report		Client Prov/State:	ON	
Report Date:		13-DEC-19		Search Radius (km):	.25	
Date Receive		10-DEC-19		X:	-75.7629572	
Previous Site				Y:	45.3740246	
Lot/Building Additional In		:				
<u>5</u>	2 of 5	WSW/20.2	79.9 / 0.00	1995 Carling Avenue Ottawa ON K2A 1G3		EHS
Order No:		20191210007		Nearest Intersection:		
Status:		C		Municipality:		
Report Type	:	Standard Report		Client Prov/State:	ON	
Report Date:		13-DEC-19		Search Radius (km):	.25	
Date Receive		10-DEC-19		X:	-75.7629572	
Previous Site	e Name:			Y:	45.3740246	
Lot/Building						
Additional In	nfo Ordered	:				
<u>5</u>	3 of 5	WSW/20.2	79.9 / 0.00	1995 Carling Avenue Ottawa ON K2A 1G3		EHS
				Ullawa UN AZA 163		
Order No:		20191210007		Nearest Intersection:		
Status:		С		Municipality:		
Report Type	:	Standard Report		Client Prov/State:	ON	
20	erisinfo.co	om   Environmental Risk Ir	nformation Service	s	Orde	r No: 2107150022

29

erisinfo.com | Environmental Risk Information Services

Order No: 21071500227

Мар Кеу	ap Key Number of Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	13-DEC-19 10-DEC-19			Search Radius (km): X: Y:	.25 -75.7629572 45.3740246	
<u>5</u>	4 of 5	I	WSW/20.2	79.9 / 0.00	1995 Carling Avenue Ottawa ON K2A 1G3		EHS
Order No: Status: Report Type. Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	2019121000 C Standard Re 13-DEC-19 10-DEC-19			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.7629572 45.3740246	
<u>5</u>	5 of 5	L	WSW/20.2	79.9 / 0.00	1995 Carling Avenue Ottawa ON K2A 1G3		EHS
Order No: Status: Report Type. Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	2019121000 C Standard Re 13-DEC-19 10-DEC-19			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.7629572 45.3740246	
<u>6</u>	1 of 5	E	ESE/46.2	80.7/0.80	1940 Carling Ottawa ON K2A 1E8		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	2020011424 C Standard Re 17-JAN-20 14-JAN-20			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.7608527 45.374123	
<u>6</u>	2 of 5	E	ESE/46.2	80.7 / 0.80	1940 Carling Ottawa ON K2A 1E8		EHS
Order No: Status: Report Type. Report Date: Date Receive Previous Sitt Lot/Building Additional In	ed: e Name: Size:	2020011424 C Standard Re 17-JAN-20 14-JAN-20			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.7608527 45.374123	
6	3 of 5	Ŀ	ESE/46.2	80.7/0.80	1940 Carling Ottawa ON K2A 1E8		EHS

30

Мар Кеу	Number Records			Site		DB
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20200114246 C Standard Report 17-JAN-20 14-JAN-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.7608527 45.374123	
<u>6</u>	4 of 5	ESE/46.2	80.7 / 0.80	1940 Carling Ottawa ON K2A 1E8		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional Int	ed: e Name: Size:	20200114246 C Standard Report 17-JAN-20 14-JAN-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.7608527 45.374123	
<u>6</u>	5 of 5	ESE/46.2	80.7 / 0.80	1940 Carling Ottawa ON K2A 1E8		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional Ini	ed: e Name: Size:	20200114246 C Standard Report 17-JAN-20 14-JAN-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.7608527 45.374123	
<u>7</u>	1 of 1	ESE/48.8	80.7 / 0.80	ON		wwis
Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy	er Use: se: atus: rial: Method: liability: liability: Bedrock: Bedrock: Level: ):	1508000 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 10/6/1955 True 3718 1 OTTAWA OTTAWA CITY	

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/150\1508000.pdf

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

Map Key Numbo Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:		1955/10/01 1955 30.48 45.3740171899199 -75.7610303634031 150\1508000.pdf				
Bore Hole Information						
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source Revision Comi	Source: Method:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	81.696113 18 440410.70 5024782.00 9 unknown UTM p9	
Supplier Comment:						
<u>Overburden and Bedro Materials Interval</u>	<u>DCK</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Materia Mat2: Mat2 Desc: Mat3: Desc: Formation Top Depth: Formation End Depth:		931008572 2 GREY 15 LIMESTONE 8.0 100.0 ft				
<u>Overburden and Bedro Materials Interval</u>	<u>ock</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Materia Mat2:	1:	931008571 1 02 TOPSOIL				
Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth		0.0 8.0 ft				
Method of Constructio		N.				

32

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Method Con	struction ID:	961508000				
	struction Code:	1				
Method Cons	struction: d Construction:	Cable Tool				
ounci metrio						
<u>Pipe Informa</u>	<u>ation</u>					
Pipe ID:		10578605				
Casing No: Comment:		1				
Alt Name:						
<u>Constructior</u>	<u>n Record - Casing</u>					
Casing ID:		930052726				
Layer:		1				
Material:		1				
Open Hole o Depth From:		STEEL				
Depth To:		20				
Casing Diam		4				
Casing Diam		inch				
Casing Dept	h UOM:	ft				
<u>Constructior</u>	n Record - Casing					
Casing ID:		930052727				
Layer:		2				
Material: Open Hole o	r Matorial:	4 OPEN HOLE				
Depth From:		OFENHIOLE				
Depth To:		100				
Casing Diam	eter:	4				
Casing Diam Casing Dept		inch ft				
<u>Results of W</u>	/ell Yield Testing					
Pump Test II	D:	991508000				
Pump Set At	:					
Static Level:		8.0				
	After Pumping: led Pump Depth:	16.0				
Pumping Ra		5.0				
Flowing Rate	e:					
	led Pump Rate:					
Levels UOM: Rate UOM:	:	ft GPM				
	After Test Code:	GPM 1				
Water State		CLEAR				
Pumping Tes		1				
Pumping Du	ration HR:	0				
Pumping Du Flowing:	ration MIN:	30 No				
-	6					
Water Details	<u>2</u>	000 1000 00				
Water ID:		933462322 1				
Layer: Kind Code:		1				
Kind:		FRESH				
-						
0.6	erisinfo.com   En	vironmental Risk Info	rmation Service	es	Order No: 21	071500227
33						

Number of Records	Distance (m)	(m)	Sne		DE
	60.0				
epth UOM:	ft				
	933462323				
	2				
	-				
enth:					
	ft				
of 1	E/49.7	79.9 / 0.00	<u></u>		www
4500					
	390			1	
	estic			9/1/1954	
	00110			True	
<b>is:</b> Wate	er Supply		Abandonment Rec:		
			Contractor:	3701	
1:				1	
lethod:				ΟΤΤΑΨΑ	
			Municipality:	OTTAWA CITY	
			Site Info:		
ck:			Lot:		
draak					
arock:					
vel:					
			Zone:		
			UTM Reliability:		
12	https://d2khazk8e8	3rdv.cloudfront.n	et/moe_mapping/downloads,	/2Water/Wells_pdfs/150\1508390.pdf	
<u>iil(s) (Map)</u>					
	1954/06/21				
d:					
		9			
	150\1508390.pdf				
mation					
	0424		Elevation:	81.266136	
6.00			Elevrc:	10	
r					
	ock				
			Org CS:		
			UTMRC:	5	
<b>d:</b> 21-Ju	un-1954 00:00:00		UTMRC Desc:	margin of error : 100 m - 300 m	
			Location Method:	р5	
e Date:					
	Records  epth: epth UOM:  epth: epth UOM:  of 1 1508 bate: Use: Dom Use: Dom Use: Dom Use: Wate  I: Bethod: bility: bi	Records         Distance (m)           epth:         60.0           epth UOM:         ft           933462323         2           5         Not stated           epth:         100.0           epth:         100.0           epth:         100.0           epth:         0           is:         Domestic           is:         Water Supply           i:         Istance (m)           https://d2khazk8e8           bility:         https://d2khazk8e8           bil(s) (Map)         1954/06/21           d.         1954/06/21           drate:         1954/06/21           is:         10030424           6.00         10030424           6.00         isonal state	Records         Distance (m)         (m)           epth:         60.0         60.0           epth:         933462323         2           5         Not stated         933462323           2         5         Not stated           epth:         100.0         100.0           epth:         100.0         1508390           ret:         Domestic         933462323           Use:         Domestic         933462323           0         1508390         1508390           ret:         Domestic         933462323           Use:         Domestic         933462323           ys:         Water Supply         1508390           ret:         Not stated         954/06/21           use:         https://d2khazk8e83rdv.cloudfront.n           til(s) (Map)         1954/06/21           df         1954/4           42.672         45.3741997527659           -75.7606496729207         150/1508390.pdf           tmation         10030424           6.00         :           is endrock         is endrock	Records     Distance (m)     (m)       epth:     60.0       epth:     60.0       epth:     1       g33462323     2       5     Not stated       epth:     100.0       epth:     100.0       epth:     00.0       epth:     00.0       epth:     100.0       epth:     00.0       sete:     Data Entry Status:       Data Src:     Data Src:       Use:     Domestic       vis:     Vater Supply       Abandonmert Rec:     Contractor:       Vis:     Owner:       Street Name:     County:       bility:     Site Info:       ick:     Lot:       concession:     Concession:       drock:     Concession:       wel:     Northing NAD83:       vel:     Northing NAD83:       vel:     1954/06/21       dt     1954/06/21       dt:     1954/06/21 </td <td>Records         Distance (m)         (m)           opth: opth: opth:         60.0 epth:         60.0 epth:         60.0 epth:           933462323 2 5 Not stated opth::         1         933462323 2 5 Not stated         2           opth::         100.0 epth:         00.0 0N         Data Src: Data Src:         1           1506390         Data Entry Status: Data Src:         9/1/1954 20/1/1954         5/1/1954           c:         0         Data Src:         1           tdv:         Domestic         Data Src:         9/1/1954           c:         0         Selected Flag:         True           k:         Contractor:         3701           c:         Contractor:         3701           c:         Contractor:         3701           c:         Contractor:         0TTAWA           c:         Concession Name:         2           c:         Lot         Steret Name:         OTTAWA CITY           bility:         Steret Name:         OTTAWA CITY           vet:         Lot         Steret Name:         Concession Name:           c:         Inters//d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150/1508390.pdf           dtd:         1954         42.47</td>	Records         Distance (m)         (m)           opth: opth: opth:         60.0 epth:         60.0 epth:         60.0 epth:           933462323 2 5 Not stated opth::         1         933462323 2 5 Not stated         2           opth::         100.0 epth:         00.0 0N         Data Src: Data Src:         1           1506390         Data Entry Status: Data Src:         9/1/1954 20/1/1954         5/1/1954           c:         0         Data Src:         1           tdv:         Domestic         Data Src:         9/1/1954           c:         0         Selected Flag:         True           k:         Contractor:         3701           c:         Contractor:         3701           c:         Contractor:         3701           c:         Contractor:         0TTAWA           c:         Concession Name:         2           c:         Lot         Steret Name:         OTTAWA CITY           bility:         Steret Name:         OTTAWA CITY           vet:         Lot         Steret Name:         Concession Name:           c:         Inters//d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150/1508390.pdf           dtd:         1954         42.47

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Source Revis Supplier Com	ion Comment: ment:				
Overburden a Materials Inte					
Formation ID:		931009558			
Layer:		2			
Color:	_				
General Colo Mat1:	r:	15			
Most Commo	n Material:	LIMESTONE			
Mat2:					
Mat2 Desc: Mat3:					
Mat3: Mat3 Desc:					
Formation To	p Depth:	6.0			
Formation En		140.0			
Formation En	d Depth UOM:	ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID:		931009557			
Layer:		1			
Color:					
General Colo Mat1:	r:	05			
Matt: Most Commo	n Material:	CLAY			
Mat2:	in material.	0 EXT			
Mat2 Desc:					
Mat3:					
Mat3 Desc: Formation To	n Denth	0.0			
Formation En		6.0			
	d Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well	L			
Method Cons	truction ID:	961508390			
	truction Code:	1			
Method Cons	truction:	Cable Tool			
Other Method	Construction:				
<u>Pipe Informat</u>	ion				
Pipe ID:		10578994			
Casing No:		1			
Comment: Alt Name:					
<u>Construction</u>	<u> Record - Casing</u>				
Casing ID:		930053497			
Layer:		2			
Material:		4			
Open Hole or Depth From:	Material:	OPEN HOLE			
Depth To:		140			
0 f D	eter:	5			
Casing Diame Casing Diame		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Dept	h UOM:	ft			
Construction	n Record - Casing				
Casing ID:		930053496			
Layer:		1			
Material:		1			
Open Hole or Depth From:		STEEL			
Depth To:		18			
Casing Diam	eter:	5			
Casing Diam Casing Depti		inch ft			
Results of W	ell Yield Testing				
Pump Test IL Pump Set At:		991508390			
Static Level:		10.0			
Final Level A	fter Pumping: ed Pump Depth:	22.0			
Pumping Rat		6.0			
Flowing Rate					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State A	After Test Code:	1			
Water State A		CLEAR			
Pumping Tes		1			
Pumping Du		1 0			
Pumping Dui Flowing:		No			
Water Details	5				
Water ID:		933462876			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found		140.0			
water Found	Depth UOM:	ft			
Water Details	5				
Water ID:		933462875			
Layer:		2			
Kind Code:		1			
Kind: Water Found	Donth	FRESH 125.0			
Water Found	Depth UOM:	ft			
Water Details	5				
Water ID:		933462874			
Layer:		1			
Kind Code:		1			
Kind:	Denth	FRESH			
Water Found		90.0 ft			
water Found	Depth UOM:	Ц			

Map Key	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>9</u>	1 of 1		ESE/64.6	80.6 / 0.69	ON		WWIS
Well ID:		1508152			Data Entry Status:		
Constructio	n Date:				Data Src:	1	
Primary Wat	ter Use:	Domestic			Date Received:	12/10/1954	
Sec. Water U	Use:	0			Selected Flag:	True	
Final Well S	tatus:	Water Sup	ply		Abandonment Rec:		
Water Type:	:				Contractor:	4825	
Casing Mate	erial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Constructio	n Method:				County:	OTTAWA	
Elevation (m	n):				Municipality:	OTTAWA CITY	
Elevation Re	eliability:				Site Info:		
Depth to Be	drock:				Lot:		
Well Depth:					Concession:		
Overburden	/Bedrock:				Concession Name:		
Pump Rate:					Easting NAD83:		
Static Water	r Level:				Northing NAD83:		
Flowing (Y/N	N):				Zone:		
Flow Rate:					UTM Reliability:		
Clear/Cloud	ly:				-		

PDF URL (Map):

 $https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/150\1508152.pdf$ 

## Additional Detail(s) (Map)

Well Completed Date:	1954/10/17
Year Completed:	1954
Depth (m):	53.34
Latitude:	45.3740197419577
Longitude:	-75.7606472595991
Path:	150\1508152.pdf

## Bore Hole Information

Bore Hole ID: DP2BR:	10030187 140.00	Elevation: Elevrc:	81.657981		
Spatial Status:		Zone:	18		
Code OB:	r	East83:	440440.70		
Code OB Desc:	Bedrock	North83:	5024782.00		
Open Hole:		Org CS:			
Cluster Kind:		UTMRC:	9		
Date Completed:	17-Oct-1954 00:00:00	UTMRC Desc:	unknown UTM		
Remarks:		Location Method:	p9		
Elevrc Desc:					
Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					

#### Overburden and Bedrock Materials Interval

Formation ID:	931008931
Layer:	1
Color:	
General Color:	
Mat1:	24
Most Common Material:	PREV. DRILLED
Mat2:	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc: Mat3:					
Mat3 Desc:					
Formation To	op Depth:	0.0			
Formation E		140.0			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID	):	931008932			
Layer:		2			
Color: General Colo	<i></i>				
Mat1:	<i>.</i>	15			
Most Commo	on Material:	LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:	an Dantha	140.0			
Formation Te Formation E	op Deptn: nd Depth:	140.0 175.0			
	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Con		961508152			
Method Cons Method Cons	struction Code:	1 Cable Tool			
	d Construction:				
<u>Pipe Informa</u>	<u>ntion</u>				
Pipe ID:		10578757			
Casing No:		1			
Comment:					
Alt Name:					
<u>Constructior</u>	n Record - Casing				
Casing ID:		930053034			
Layer:		1			
Material:	* Motorial				
Open Hole of Depth From:					
Depth To:		140			
Casing Diam Casing Diam		inch			
Casing Dept	h UOM:	ft			
<u>Constructior</u>	<u>ı Record - Casing</u>				
Casing ID:		930053035			
Layer:		2			
Material:	u Matavial				
Open Hole of		OPEN HOLE			
Depth From: Depth To:		175			
Casing Diam	eter:	5			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			

<u>Results of</u>	f Well Yield T	esting					
Pump Tes	st ID:	9915	08152				
Pump Set	At:						
Static Lev	el:	8.0					
Final Leve	el After Pump	ing: 55.0					
Recommended Pump Depth:							
Pumping I		5.0					
Flowing R							
	ended Pump	Rate:					
Levels UC		ft					
Rate UOM		GPM	l				
	te After Test	Code: 1					
	te After Test:		AR				
	Test Method:						
	Duration HR:						
	Duration MIN						
Flowing:		No					
Water Det	ails						
Water ID:		9334	62547				
Laver:		1	020				
Kind Code	a <i>.</i>	1					
Kind:		FRE	ян				
	Ind Depth:	160.0	-				
	ind Depth UC						
10	1 of 1	S/7	04	80.9 / 1.00			
10	10/1	3/7	0.4	80.97 1.00	ON		WWIS
					<b>ON</b>		
Well ID:		1508461			Data Entry Status:		
Construct	tion Date:				Data Src:	1	
Primary W	/ater Use:	Domestic			Date Received:	1/15/1951	
Sec. Wate	r Use:	0			Selected Flag:	True	
Final Well	Status:	Water Supply			Abandonment Rec:		
Water Typ	e:				Contractor:	5448	
Casing Ma	aterial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Construct	tion Method:				County:	OTTAWA	
Elevation	(m):				Municipality:	OTTAWA CITY	
	Reliability:				Site Info:		
Depth to E					Lot:		
Well Dept					Concession:		
	en/Bedrock:				Concession Name:		
Pump Rat					Easting NAD83:		

PDF URL (Map):

Static Water Level:

Flowing (Y/N):

Clear/Cloudy:

Flow Rate:

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/150\1508461.pdf

Northing NAD83:

UTM Reliability:

Zone:

#### Additional Detail(s) (Map)

Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: 1950/12/11 1950 31.6992 45.3733807665251 -75.7619796613568

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Path:		150\1508461.pdf				
Bore Hole Infe	ormation					
Bore Hole ID: DP2BR: Spatial Status	10030 3.00	0495		Elevation: Elevrc: Zone:	82.893241 18	
Code OB: Code OB Des Open Hole:	r c: Bedro	ock		East83: North83: Org CS:	440335.70 5024712.00	
Cluster Kind: Date Complet Remarks:	<b>ed:</b> 11-De	ec-1950 00:00:00		UTMRC: UTMRC Desc: Location Method:	5 margin of error : 100 m - 300 m p5	
Improvement	Location Source Location Method ion Comment:					
Overburden a Materials Inte						
Formation ID: Layer: Color:		931009727 2				
General Color Mat1: Most Commo Mat2:		15 LIMESTONE				
Mat2 Desc: Mat3: Mat3 Desc:						
Formation To Formation En Formation En		3.0 104.0 ft				
Overburden a Materials Inte						
Formation ID: Layer: Color:		931009726 1				
General Coloi Mat1: Most Commo Mat2:		02 TOPSOIL 09				
Mat2 Desc: Mat3: Mat3 Desc:		MEDIUM SAND				
Formation To Formation En Formation En		0.0 3.0 ft				
<u>Method of Co</u> <u>Use</u>	nstruction & Wel	L				
Method Cons Method Cons	truction ID: truction Code: truction:	961508461 1				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Pipe Informa	<u>tion</u>				
Pipe ID:		10579065			
Casing No:		1			
Comment:					
Alt Name:					
Construction	Record - Casing				
Casing ID:		930053634			
Layer:		1			
Material:	Matavial	1 87551			
Open Hole o Depth From:	r Material:	STEEL			
Depth To:		9			
Casing Diam	eter:	5			
Casing Diam	eter UOM:	inch			
Casing Deptl	h UOM:	ft			
Construction	Record - Casing				
Casing ID:		930053635			
Layer: Motorioli		2			
Material: Open Hole ol	r Matarial:	4 OPEN HOLE			
Depth From:	material:	OFEN HOLE			
Depth To:		104			
Casing Diam		5			
Casing Diam		inch			
Casing Deptl	h UOM:	ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test IL		991508461			
Pump Set At.		15.0			
Static Level: Final Level A	fter Pumping:	15.0 33.0			
	ed Pump Depth:	00.0			
Pumping Rat		7.0			
Flowing Rate	);				
	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM: Water State	After Test Code:	GPM 1			
Water State /		CLEAR			
Pumping Tes		1			
Pumping Du	ration HR:	0			
Pumping Du		30			
Flowing:		No			
Water Details	2				
Water ID:		933462972			
Layer:		1			
Kind Code:					
Kind: Water Found	Denth:	FRESH 104.0			
	Depth UOM:	ft			
11	1 of 9	WSW/74.3	79.8 / -0.08	HOMESTEAD LANDHOLDINGS	GEN

	Number Records			Site		Ľ
				OTTAWA ON K2A 3W	5	
Generator No:		ON7030619		PO Box No:		
Status:				Country:		
Approval Years	-	03,04		Choice of Contact:		
Contam. Facilit		05,04		Co Admin:		
MHSW Facility:				Phone No Admin:		
SIC Code:				Filone No Admin.		
	••					
SIC Descriptior	1.					
<u>11</u> 2	of 9	WSW/74.3	79.8 / -0.08	2001 Carling Ave Ottawa ON K2A 3W5		EH
Ordor No.		20121020016		Neeroot Intercontien		
Order No:		20121030016		Nearest Intersection:		
Status:		C Curatara Danart		Municipality:	ON	
Report Type:		Custom Report		Client Prov/State:	ON	
Report Date:		05-NOV-12		Search Radius (km):	.25	
Date Received:		30-OCT-12		X:	-75.763552	
Previous Site N				Y:	45.373736	
Lot/Building Si Additional Info						
11 3	of 9	WSW/74.3	79.8 / -0.08	2001 Carling Ave. Wes	stbound lane	
<u> </u>				Ottawa ON		SP
Ref No:		4371-A83RN4		Discharger Report:		
Site No:		NA		Material Group:		
Incident Dt:		2016/03/15		Health/Env Conseq:		
Year:				Client Type:		
Incident Cause				Sector Type:	Unknown / N/A	
Incident Event:		Collision/Accident		Agency Involved:		
Contaminant C		27		Nearest Watercourse:		
					2001 Carling Ave. Westbound long	
Contaminant N		COOLANT N.O.S.		Site Address:	2001 Carling Ave. Westbound lane	
Contaminant Li				Site District Office:		
Contam Limit F	•			Site Postal Code:		
Contaminant U	N No 1:			Site Region:		
Environment In	npact:			Site Municipality:	Ottawa	
Nature of Impa	ct:			Site Lot:		
Receiving Med	ium:			Site Conc:		
Receiving Env:		Surface Water		Northing:		
MOE Response		No		Easting:		
Dt MOE Arvl on				Site Geo Ref Accu:		
MOE Reported		2016/03/15		Site Map Datum:		
Dt Document C				SAC Action Class:	Watercourse Spills	
Incident Reaso		Equipment Failure		Source Type:		
	<i></i>		Accident <unofficial< td=""><td></td><td></td><td></td></unofficial<>			
Site Name:	44104-	OC Transpo		~		
Site County/Dis						
Site Geo Ref M			E 101 of sealers the f			
Incident Summ			- 5-10L of coolant to sto	orm sewer		
Contaminant Q	ty:	10 L				
11 4	of 9	WSW/74.3	79.8 / -0.08	Homestead Land Hold	lings Ltd.	
—		-	-	2001 CARLING AVEN OTTAWA ON K2A 3W	UE	GE
Generator No:		ON2995038		PO Box No:		
Status:		0045		Country:	Canada	
-	::	2015		Choice of Contact:	CO_OFFICIAL	
Approval Years						
Contam. Facilit	y:	No		Co Admin:		
	y:	No No		Co Admin: Phone No Admin:		

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Order No: 21071500227

Мар Кеу	Number Records		Elev/Diff (m)	Site		DB
SIC Descript	ion:	REAL ESTATE PR	ROPERTY MANAG	GERS		
<u>Detail(s)</u>						
Waste Class: Waste Class		145 PAINT/PIGMENT/	COATING RESID	UES		
Waste Class: Waste Class		112 ACID WASTE - HE	EAVY METALS			
Waste Class: Waste Class		122 ALKALINE WASTI	ES - OTHER MET	ALS		
Waste Class: Waste Class		213 PETROLEUM DIS	TILLATES			
<u>11</u>	5 of 9	WSW/74.3	79.8 / -0.08	2001 Carling Ave Ottawa ON K2A3W5		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	20180102009 C Standard Report 05-JAN-18 02-JAN-18		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.763601 45.373746	
<u>11</u>	6 of 9	WSW/74.3	79.8 / -0.08	Homestead Land Hol Holdings Ltd. 2001 Carling Avenue OTTAWA ON K2A 3W		GEN
Generator No Status: Approval Yea Contam. Faci MHSW Facili SIC Code: SIC Descripti	ars: illity: ity:	ON6352626 Registered As of Jul 2020		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>						
Waste Class: Waste Class		312 P Pathological waste	es			
<u>11</u>	7 of 9	WSW/74.3	79.8 / -0.08	2001 Carling Ave Ottawa ON		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	20293000159 C Standard Report 05-OCT-20 30-SEP-20 Aerial Photos		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	NY .25 -75.763556 45.373778	

Map Key	Numbei Record		Elev/Diff (m)	Site		DI
<u>11</u>	8 of 9	WSW/74.3	79.8 / -0.08	Homestead Land Hol Holdings Ltd. 2001 Carling Avenue OTTAWA ON K2A 3W		GEN
Generator N Status: Approval Ye		ON6352626 Registered As of Apr 2021		PO Box No: Country: Choice of Contact:	Canada	
Contam. Fac MHSW Facil SIC Code: SIC Descript	lity:			Co Admin: Phone No Admin:		
<u>Detail(s)</u>						
Waste Class Waste Class		312 P Pathological waste	S			
<u>11</u>	9 of 9	WSW/74.3	79.8 / -0.08	2001 Carling Ave Ottawa ON		EHS
Order No: Status:		20293000159 C		Nearest Intersection: Municipality:		
Report Type		Standard Report		Client Prov/State:	NY	
Report Date		05-OCT-20		Search Radius (km):	.25	
Date Receiv		30-SEP-20		X:	-75.763556	
Previous Sit				Y:	45.373778	
Lot/Building	Size:					
Additional Ir	nfo Ordered	: Aerial Photos				
Additional Ir	nfo Ordered	: Aerial Photos				
Additional Ir <u>12</u>	nfo Ordered	: Aerial Photos	79.9 / 0.00	ON		wwi
<u>12</u> Well ID:	1 of 1		79.9 / 0.00	Data Entry Status:	1	wwi.
<u>12</u> Well ID: Construction	1 of 1 n Date:	<i>E/88.5</i> 1508151	79.9 / 0.00	Data Entry Status: Data Src:	1	ww.
<u>12</u> Well ID: Construction Primary Wat	1 of 1 n Date: ter Use:	<i>E/88.5</i> 1508151 Domestic	79.9 / 0.00	Data Entry Status: Data Src: Date Received:	12/10/1954	wwi
<u>12</u> Well ID: Construction Primary Wate Sec. Water U	1 of 1 n Date: ter Use: Use:	<i>E/88.5</i> 1508151 Domestic 0	79.9 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag:		wwi
<u>12</u> Well ID: Construction Primary Wat Sec. Water U Final Well St	1 of 1 n Date: ter Use: Use: tatus:	<i>E/88.5</i> 1508151 Domestic	79.9 / 0.00	Data Entry Status: Data Src: Date Received:	12/10/1954	ww
<u>12</u> Well ID: Construction Primary Wat Sec. Water U Final Well St Water Type:	1 of 1 n Date: ter Use: Use: tatus:	<i>E/88.5</i> 1508151 Domestic 0	79.9 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec:	12/10/1954 True	ww
<u>12</u> Well ID: Construction Primary Wat Sec. Water U Final Well Si Water Type: Casing Mate Audit No:	1 of 1 n Date: ter Use: Use: tatus:	<i>E/88.5</i> 1508151 Domestic 0	79.9 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	12/10/1954 True 4825	ww
<u>12</u> Well ID: Construction Primary Wat Sec. Water U Final Well Si Water Type: Casing Mate Audit No: Tag:	1 of 1 n Date: ter Use: Use: tatus: erial:	<i>E/88.5</i> 1508151 Domestic 0	79.9 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name:	12/10/1954 True 4825 1	ww
<u>12</u> Well ID: Construction Primary Wat Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction	1 of 1 n Date: ter Use: Use: tatus: erial: n Method:	<i>E/88.5</i> 1508151 Domestic 0	79.9/0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County:	12/10/1954 True 4825 1 OTTAWA	ww
<u>12</u> Well ID: Construction Primary Wat Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction	1 of 1 n Date: ter Use: Use: tatus: erial: n Method: n):	<i>E/88.5</i> 1508151 Domestic 0	79.9 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	12/10/1954 True 4825 1	ww
<u>12</u> Well ID: Construction Primary Wat Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation Re	1 of 1 n Date: ter Use: Use: tatus: erial: n Method: n): eliability:	<i>E/88.5</i> 1508151 Domestic 0	79.9/0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	12/10/1954 True 4825 1 OTTAWA	ww
<u>12</u> Well ID: Construction Primary Wat Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation Re Depth to Be	1 of 1 n Date: ter Use: Use: tatus: erial: n Method: n): eliability:	<i>E/88.5</i> 1508151 Domestic 0	79.9/0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	12/10/1954 True 4825 1 OTTAWA	ww
<u>12</u> Well ID: Construction Primary Wat Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation Re Depth to Be Well Depth:	1 of 1 n Date: ter Use: Use: tatus: erial: n Method: n): eliability: drock:	<i>E/88.5</i> 1508151 Domestic 0	79.9 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	12/10/1954 True 4825 1 OTTAWA	ww
<u>12</u> Well ID: Construction Primary Wat Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation Re Depth to Be Well Depth: Overburden, Pump Rate:	1 of 1 n Date: ter Use: Use: tatus: tatus: n Method: n): eliability: drock: /Bedrock:	<i>E/88.5</i> 1508151 Domestic 0	79.9 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83:	12/10/1954 True 4825 1 OTTAWA	ww
<u>12</u> Well ID: Construction Primary Wat Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation Re Depth to Be Well Depth: Overburden, Pump Rate: Static Water	1 of 1 n Date: ter Use: Use: tatus: prial: n Method: n): eliability: drock: /Bedrock:	<i>E/88.5</i> 1508151 Domestic 0	79.9 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83:	12/10/1954 True 4825 1 OTTAWA	ww
12 Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Flevation Re Depth to Be Depth to Be Well Depth: Overburden, Pump Rate: Static Water Flowing (Y/M	1 of 1 n Date: ter Use: Use: tatus: prial: n Method: n): eliability: drock: /Bedrock:	<i>E/88.5</i> 1508151 Domestic 0	79.9 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	12/10/1954 True 4825 1 OTTAWA	ww
12 Well ID: Construction Primary Wat Sec. Water U Final Well Si Water Type: Casing Mate Audit No: Tag: Construction Tag: Construction Elevation (m Elevation (m Elevation (m Elevation (m Elevation (m Elevation (m Construction Coerburden, Pump Rate: Static Water Flowing (Y/M Flow Rate:	1 of 1 n Date: ter Use: Use: tatus: erial: n Method: n): eliability: drock: /Bedrock: /Bedrock: v):	<i>E/88.5</i> 1508151 Domestic 0	79.9 / 0.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83:	12/10/1954 True 4825 1 OTTAWA	WWI
12 Well ID: Construction Primary Wate Sec. Water U Final Well Si Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation (m Elevation Re Depth to Be Well Depth: Overburden, Pump Rate; Static Water Flow Rate; Clear/Cloud	1 of 1 n Date: ter Use: Use: tatus: erial: n Method: n): eliability: drock: /Bedrock: /Bedrock: /Level: V):	<i>E/88.5</i> 1508151 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/10/1954 True 4825 1 OTTAWA OTTAWA CITY	
12 Well ID: Construction Primary Wat Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation Re Depth to Bed Well Depth: Overburden. Pump Rate: Static Water Flowing (Y/M Flow Rate: Clear/Cloud PDF URL (M	1 of 1 n Date: ter Use: Use: tatus: orial: n Method: n): eliability: drock: /Bedrock: /Bedrock: /Level: V): y: uap):	<i>E/88.5</i> 1508151 Domestic 0 Water Supply https://d2khazk8e8		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/10/1954 True 4825 1 OTTAWA	f
12 Well ID: Construction Primary Wat Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation Re Depth to Be Well Depth: Overburden, Pump Rate: Static Water Flowing (Y/M Flow Rate: Clear/Cloud PDF URL (M Additional D	1 of 1 n Date: ter Use: Use: tatus: prial: n Method: n): eliability: drock: /Bedrock: /Bedrock: /Level: N): y: lap): Detail(s) (Ma	E/88.5 1508151 Domestic 0 Water Supply https://d2khazk8e8		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/10/1954 True 4825 1 OTTAWA OTTAWA CITY	
12 Well ID: Construction Primary Wate Sec. Water U Final Well Si Water Type: Casing Mate Audit No: Tag: Construction Elevation (me Elevation (me Depth to Re Depth to Re Depth to Re Well Depth: Clear/Cloudy PDF URL (Me Additional De Well Comple	1 of 1 n Date: ter Use: Use: tatus: prial: n Method: n): eliability: drock: /Bedrock: /Bedrock: /Level: N): y: ap): Detail(s) (Majeted Date:	<i>E/88.5</i> 1508151 Domestic 0 Water Supply https://d2khazk8e8 <i>p</i> ) 1954/08/02		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/10/1954 True 4825 1 OTTAWA OTTAWA CITY	
<u>12</u> Well ID: Construction Primary Wate Sec. Water U Final Well Si Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation (m Elevation (m Elevation (m Elevation (m Elevation (m Elevation (m Elevation (m Elevation (m Flow Rate: Clear/Cloudy PDF URL (M Additional D Well Comple Year Comple	1 of 1 n Date: ter Use: Use: tatus: prial: n Method: n): eliability: drock: /Bedrock: /Bedrock: /Level: N): y: ap): Detail(s) (Majeted Date:	<i>E/88.5</i> 1508151 Domestic 0 Water Supply https://d2khazk8e8 <i>p</i> ) 1954/08/02 1954		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/10/1954 True 4825 1 OTTAWA OTTAWA CITY	
12 Well ID: Construction Primary Wate Sec. Water U Final Well Si Water Type: Casing Mate Audit No: Tag: Construction Elevation (Me Elevation Re Depth to Be Well Depth: Clear/Cloudy PDF URL (Me Additional De Well Comple	1 of 1 n Date: ter Use: Use: tatus: prial: n Method: n): eliability: drock: /Bedrock: /Bedrock: /Level: N): y: ap): Detail(s) (Majeted Date:	<i>E/88.5</i> 1508151 Domestic 0 Water Supply https://d2khazk8e8 <i>p</i> ) 1954/08/02	3rdv.cloudfront.ne	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/10/1954 True 4825 1 OTTAWA OTTAWA CITY	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Longitude: Path:		-75.7600135757603 150\1508151.pdf				
Bore Hole Inf	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet	8.00 s: c: Bedroc			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	80.861633 18 440490.70 5024822.00 9 unknown UTM	
Improvement	Location Source: Location Method: ion Comment:			Location Method:	p9	
<u>Overburden a</u> Materials Inte						
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc:	r:	931008930 2 15 LIMESTONE				
Mat3: Mat3 Desc: Formation To Formation En Formation En		8.0 158.0 ft				
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID: Layer: Color:		931008929 1				
General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3:		05 CLAY				
Mat3 Desc: Formation To Formation En Formation En		0.0 8.0 ft				
<u>Method of Co</u> <u>Use</u>	nstruction & Well					
Method Cons	truction Code:	961508151 1 Cable Tool				

## Pipe Information

Pipe ID:	10578756
Casing No:	1
Comment:	
Alt Name:	

## Construction Record - Casing

Casing ID: Layer: Material:	930053032 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	22
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Construction Record - Casing

Casing ID: Layer: Material	930053033 2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	158
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pump Test ID:	991508151
Pump Set At: Static Level:	25.0
Final Level After Pumping:	45.0
Recommended Pump Depth:	
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

## Water Details

Water ID:	933462545
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.0
Water Found Depth UOM:	ft

## Water Details

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Water ID: Layer: Kind Code: Kind: Water Found I Water Found I		933462546 2 1 FRESH 140.0 ft				
<u>13</u>	1 of 1	ESE/93.3	80.9 / 1.00	ON		wwi
Well ID: Construction I Primary Water Sec. Water Use Final Well Stat Water Type: Casing Materia Audit No: Tag: Construction I Elevation Relia Depth to Bedro Well Depth: Overburden/Be Pump Rate: Static Water Lo Flowing (Y/N): Flow Rate: Clear/Cloudy:	v Use: Dome: e: 0 tus: Water al: Method: ability: ock: edrock: evel:			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	8 9/7/1954 True 3725 1 OTTAWA OTTAWA CITY	
PDF URL (Map	<i>)):</i>	https://d2khazk8e83	Brdv.cloudfront.n	et/moe_mapping/downloads	/2Water/Wells_pdfs/150\150814	3.pdf
Additional Det	tail(s) (Map)					
Well Complete Year Complete Depth (m): Latitude: Longitude: Path:		1953/08/08 1953 33.528 45.3736588697979 -75.7607701334879 150\1508143.pdf	)			
Bore Hole Info	ormation					
	h ed: 08-Au ce Date: Location Source: Location Method: on Comment:	in a Layer g-1953 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	81.944000 18 440430.70 5024742.00 9 unknown UTM p9	

# Overburden and Bedrock

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site D	ЪВ
Materials Inte	<u>rval</u>				
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	r: n Material: p Depth:	931008911 1 05 CLAY 02 TOPSOIL 0.0 5.0			
	d Depth UOM:	ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To	r: n Material: p Depth:	931008913 3 2 GREY 13 BOULDERS 15 LIMESTONE 12.0			
Formation En Formation En	d Depth: d Depth UOM:	110.0 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock				
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc:	<u>.</u>	931008912 2 11 GRAVEL 13 BOULDERS			
Formation To Formation En		5.0 12.0 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction Code:	961508143 1 Cable Tool			
<u>Pipe Informat</u>	ion				
Pipe ID: Casing No:		10578748 1			

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Comment: Alt Name:

## Construction Record - Casing

Casing ID: Layer: Material:	930053016 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	20
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

## Construction Record - Casing

Casing ID:	930053017
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	110
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

## Results of Well Yield Testing

Pump Test ID:	991508143
Pump Set At: Static Level:	18.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	
Pumping Rate:	150.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

## Water Details

Water ID:	933462535
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75.0
Water Found Depth UOM:	ft

## Water Details

Water ID:	933462537 3
Layer: Kind Code:	1
Kind: Water Found Depth:	FRESH 109.0

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found	I Depth UOM:	ft			
Water Detail	<u>s</u>				
Water ID:		933462536			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found	I Depth:	95.0			
	I Depth UOM:	ft			
<u>14</u>	1 of 1	E/93.4	79.9 / 0.00	ON	WWIS

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Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	1508149 Domestic 0 Water Supply	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	8 9/7/1954 True 3725 1 OTTAWA OTTAWA CITY
PDF URL (Map):	https://d2khazk8e83rdv.clo	udfront.net/moe_mapping/downloads	/2Water/Wells_pdfs/150\1508149.pdf
<u>Additional Detail(s) (Map</u>	<u>)</u>		
Well Completed Date:	1953/12/31		

Year Completed:	1953
Depth (m):	45.72
Latitude:	45.3742040033335
Longitude:	-75.7600111644413
Path:	150\1508149.pdf

## Bore Hole Information

Bore Hole ID:	10030184	Elevation:	81.051177
DP2BR:	8.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	440490.70
Code OB Desc:	Bedrock	North83:	5024802.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	31-Dec-1953 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Lasatian Caunas Date			

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

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Com	nment:				
<u>Overburden a</u> Materials Inte					
Formation ID. Layer: Color: General Colo		931008925 1			
Mat1: Most Commo Mat2: Mat2 Desc: Mat3:		05 CLAY			
Mat3 Desc: Formation To Formation En	p Depth: Id Depth: Id Depth UOM:	0.0 8.0 ft			
<u>Overburden a</u> Materials Inte					
Formation ID. Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	r:	931008926 2 1 WHITE 15 LIMESTONE			
<i>Mat3 Desc: Formation To</i> Formation En		8.0 150.0 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction Code:	961508149 1 Cable Tool			
<u>Pipe Informat</u>	tion				
Pipe ID: Casing No: Comment: Alt Name:		10578754 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	eter: eter UOM:	930053029 2 4 OPEN HOLE 150 4 inch ft			
2		, ,			

## Construction Record - Casing

Casing ID:	930053028
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pump Test ID:	991508149
Pump Set At: Static Level:	30.0
Final Level After Pumping: Recommended Pump Depth:	
Pumping Rate:	1.0
Flowing Rate: Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM: Water State After Test Code:	GPM
Water State After Test:	
Pumping Test Method: Pumping Duration HR:	1 0
Pumping Duration MIN:	30
Flowing:	No

## Water Details

Water ID:	933462543
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	150.0
Water Found Depth UOM:	ft

<u>15</u>	1 of 1	SW/93.9	80.9 / 1.00	ON		WWIS
Well ID: Construction Primary Wates Sec. Water Final Well S Water Types Casing Mate Audit No: Tag: Construction	ater Use: Use: Status: e: terial:	1507985 Domestic 0 Water Supply		ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County:	1 5/13/1952 True 3725 1 OTTAWA	ww/3
Elevation (i Elevation R Depth to Be Well Depth Overburder Pump Rate Static Wate Flowing (Y)	m): Reliability: edrock: : n/Bedrock: : er Level:			Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	OTTAWA CITY	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Flow Rate: Clear/Cloudy:				UTM Reliability:		
PDF URL (Maj	o):	https://d2khazk8e83	Brdv.cloudfront.n	et/moe_mapping/download	ls/2Water/Wells_pdfs/150\1507985.pdf	
Additional De	tail(s) (Map)					
Well Complete Year Complete Depth (m): Latitude: Longitude: Path:		1951/08/14 1951 36.576 45.3731035037293 -75.7630614780781 150\1507985.pdf				
Bore Hole Info	ormation					
Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation En Formation En Formation En Formation En <u>Overburden a</u> <u>Materials Intel</u>	7.00 r c: r c: Bedr ed: 14-A rce Date: Location Source Location Methol ion Comment: ment: <u>nd Bedrock</u> rval p Depth: d Depth: d Depth UOM: <u>nd Bedrock</u> rval	ock ug-1951 00:00:00 e: d: 931008534 1 05 CLAY 0.0 3.0 ft		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	83.201858 18 440250.70 5024682.00 9 unknown UTM p9	
Formation ID: Layer: Color: General Color Mat1: Most Commol Mat2: Mat2 Desc: Mat3: Mat3 Desc:		931008535 2 11 GRAVEL				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Formation End Formation End	d Depth:	3.0 7.0 ft			
<u>Overburden al</u> <u>Materials Inter</u>					
Formation ID: Layer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3:	;	931008536 3 1 WHITE 15 LIMESTONE			
Mat3 Desc: Formation Top Formation End Formation End	d Depth:	7.0 120.0 ft			
<u>Method of Cor</u> <u>Use</u>	nstruction & Well				
Method Const Method Const Method Const Other Method	truction Code:	961507985 1 Cable Tool			
<u>Pipe Informati</u>	ion				
Pipe ID: Casing No: Comment: Alt Name:		10578590 1			
Construction	<u> Record - Casing</u>				
Casing ID: Layer: Material: Open Hole or I Depth From: Depth To: Casing Diame Casing Diame Casing Depth	ter: ter UOM:	930052696 1 STEEL 20 5 inch ft			
Construction	<u>Record - Casing</u>				
Casing ID: Layer: Material: Open Hole or I Depth From: Depth To:	Material:	930052697 2 4 OPEN HOLE 120			
Casing Diame Casing Diame Casing Depth	ter UOM:	5 inch ft			

# Results of Well Yield Testing

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	D
Pump Test ID	D:		991507985			
Pump Set At:	:					
Static Level:			35.0			
Final Level A	fter Pumpi	ng:	45.0			
Recommend	ed Pump D	epth:				
Pumping Rat						
Flowing Rate						
Recommend	•	ate:				
Levels UOM:			ft			
Rate UOM:			GPM			
Water State A		;ode:	1			
Water State A			CLEAR			
Pumping Tes			1			
Pumping Dui						
Pumping Dui	ration MIN:		No			
Flowing:			No			
Water Details	5					
Water ID:			933462303			
Layer:			1			
Kind Code:			1			
Kind:			FRESH			
Water Found			100.0			
Water Found	Depth UO	W:	ft			
<u>16</u>	1 of 1		ENE/94.3	78.9/-1.00	ON	BOR
Borehole ID:		612787			Inclin FLG:	No
OGF ID:		2155140	)93		SP Status:	Initial Entry
Status:					Surv Elev:	No
Туре:		Borehole	9		Piezometer:	No
Use: Communications I	Deter				Primary Name:	
Completion L		0.2			Municipality:	
Static Water Primary Wate		0.3			Lot: Townobin	
Sec. Water U					Township: Latitude DD:	45 075070
Total Depth r		-999			Longitude DD:	45.375373 -75.76041
Depth Ref:	п.	Ground	Surface		UTM Zone:	18
Depth Elev:		Ground	Sunace		Easting:	440461
Depth Liev. Drill Method:					Northing:	5024932
Orig Ground		75.1			Location Accuracy:	3024332
Elev Reliabil		75.1			Accuracy:	Not Applicable
DEM Ground		77.3			, 1000/ 40y.	
Concession:						
Location D:						
Survey D:						
Comments:						
Borehole Ge	ology Strat	<u>um</u>				
	tum ID:	2183924	196		Mat Consistency:	Firm
Geology Stra		6.4			Material Moisture:	
					Material Texture:	
Geology Stra Top Depth: Bottom Depti	h:				Non Geo Mat Type:	
Top Depth: Bottom Dept		Brown				
Top Depth: Bottom Depti Material Colo		Brown Bedrock			Geologic Formation:	
Top Depth:					Geologic Formation: Geologic Group:	
Top Depth: Bottom Depth Material Colo Material 1:					Geologic Formation: Geologic Group: Geologic Period:	
Top Depth: Bottom Dept Material Colo Material 1: Material 2:	or:	Bedrock			Geologic Formation: Geologic Group:	

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
		Μ	lany records provid	led by the depart	ment have a truncated [Stra	tum Description] field.	
Geology Stratu Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 3: Gsc Material D Stratum Descr	escription		LAY.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:		
<u>Source</u>							
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details Confiden 1:		1956-1972 H U Fi	Survey of Canada rban Geology Auto ile: OTTAWA2.txt F	RecordID: 05295	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G05F omplete description of mater	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level rial and properties.	
Source List							
Source Identifi Source Type: Source Date: Scale or Resol Source Name: Source Origina	lution:				Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS)	NAD27 Mean Average Sea Level Universal Transverse Mercator	
<u>17</u>	1 of 1		SSE/99.6	80.9 / 1.00	ON		wwis
Well ID: Construction I Primary Water Sec. Water Use Final Well State Water Type: Casing Materia Audit No: Tag: Construction M Elevation (m): Elevation Relia Depth to Bedro Well Depth: Overburden/Be Pump Rate: Static Water Le Flowing (Y/N): Flow Rate: Clear/Cloudy:	Use: e: fus: al: Method: ability: ock: edrock: evel:	1508463 Domestic 0 Water Supp	ly		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 6/10/1954 True 4216 1 OTTAWA OTTAWA CITY	
PDF URL (Map	o):	ht	ttps://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/downloads/	/2Water/Wells_pdfs/150\1508463.pdf	
Additional Deta	ail(s) (Maj	<u>o)</u>					
Well Complete	d Date:	19	954/05/01				
56 <sup>e</sup>	erisinfo.co	om   Environ	mental Risk Info	rmation Servic	es	Order No: 21071	500227

Map Key	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Year Complete Depth (m): Latitude: Longitude: Path:	ed:		1954 31.0896 45.3732028851508 -75.7616579953822 150\1508463.pdf				
Bore Hole Info	ormation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com	: c: ed: rce Date: Location So Location Mo fon Comme	ource: ethod:	954 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	82.617988 18 440360.70 5024692.00 5 margin of error : 100 m - 300 m p5	
<u>Overburden al</u> <u>Materials Inter</u>		<u>r</u>					
Formation ID: Layer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat2 Desc: Mat3: Mat3 Desc: Formation End Formation End	: n Material: o Depth: d Depth:	M:	931009731 2 15 LIMESTONE 10.0 102.0 ft				
<u>Overburden al</u> <u>Materials Inter</u>		<u>r</u>					
Formation ID: Layer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top	: n Material:		931009730 1 05 CLAY 0.0				
Formation End Formation End <u>Method of Cor</u>	d Depth: d Depth UO		0.0 10.0 ft				
<u>Use</u> Method Const	truction ID:		961508463				

\_

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Cons	truction Code: truction: Construction:	1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10579067 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:	930053639 2 4 OPEN HOLE 102 5 inch ft			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:	930053638 1 1 STEEL 14 5 inch ft			
<u>Results of W</u>	ell Yield Testing				
Recommend Pumping Rat Flowing Rate Recommend Levels UOM: Rate UOM:	fter Pumping: ed Pump Depth: e: : ed Pump Rate: After Test Code: After Test: t Method: ration HR: ration MIN:	991508463 12.0 16.0 6.0 ft GPM 1 CLEAR 1 0 20 No 933462975 2 1			
Kind: Water Found		FRESH 102.0			
Water Found 58		ft vironmental Risk Info	rmation Service	s	Order No: 21071500227

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Details	5				
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: l Depth UOM:	933462974 1 FRESH 60.0 ft			
<u>18</u>	1 of 6	SW/108.0	80.9 / 1.00	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1G2	СА
Certificate #: Application Y Issue Date: Approval Typ Status: Application T Client Name: Client Addre: Client Addre: Client City: Client Postal Project Desc Contaminant Emission Co	Year: be: Type: ss: Code: ription: ts:	3252-7JUJB4 2008 9/26/2008 Municipal and Priv Approved	ate Sewage Works		
<u>18</u>	2 of 6	SW/108.0	80.9 / 1.00	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1G2	СА
Certificate #: Application 1 Issue Date: Approval Typ Status: Application 1 Client Name: Client Name: Client Addre: Client City: Client Costal Project Desc Contaminant Emission Co	Year: be: Type: ss: Code: ription: ts:	3696-7SLNAB 2009 6/9/2009 Municipal and Priv Approved	ate Sewage Works		
<u>18</u>	3 of 6	SW/108.0	80.9 / 1.00	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1G2	СА
Certificate #: Application Y Issue Date: Approval Typ Status: Application 1 Client Name: Client Name: Client Addre: Client Addre: Client City: Client Postal Project Desc	Year: pe: Type: ss: Code:	4683-7T3KKA 2009 6/17/2009 Municipal and Prive Approved	ate Sewage Works		

Map Key	Numbe Record		Elev/Diff ) (m)	Site		DE
Contaminan Emission Co						
<u>18</u>	4 of 6	SW/108.0	80.9 / 1.00	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1P4		ECA
Approval No Approval Da Status: Record Type Link Source SWP Area N Approval Ty Project Type Business Na Address: Full Address Full PDF Lin	nte: : :ame: pe: 2: ame: s:	MUNICIPAL AND 4042841 Canada 2000 Carling Ave			Ottawa -75.76338 45.373062 7JMHA5-14.pdf	
	к. 					
<u>18</u>	5 of 6	SW/108.0	80.9 / 1.00	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1P4		ECA
Approval Nc Approval Da Status: Record Type Link Source SWP Area N Approval Ty Project Type Business Na Address: Full Address Full PDF Lin	nte: : :ame: pe: 2: ame: 5:	MUNICIPAL AND 4042841 Canada 2000 Carling Ave			Ottawa -75.76338 45.373062 7SDR8A-14.pdf	
<u>18</u>	6 of 6	SW/108.0	80.9 / 1.00	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1P4		ECA
Approval No Approval Da Status: Record Type Link Source SWP Area N Approval Ty Project Type Business Na	nte: e: : ame: pe: e: ame:	MUNICIPAL AND 4042841 Canada 2000 Carling Ave		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: EWAGE WORKS	Ottawa -75.76338 45.373062 7T2NJD-14.pdf	
Address Na Address: Full Address Full PDF Lin	ık:					
Address: Full Address	1 of 1	SE/118.0	80.9 / 1.00	ON		wwis

	( )	(m)			
thod: lity: c: rock:	oply		Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	4/3/1952 True 3725 1 OTTAWA OTTAWA CITY	
	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/downloads/	/2Water/Wells_pdfs/150\1508135.pdf	
( <u>s) (Map)</u>					
	1952 32.9184 45.3733430001992 -75.76089360935				
	i Water Sup Water Sup thod: lity: c: rock: bl: <u>(s) (Map)</u> Date:	er 0 : Water Supply thod: lity: c: rock: bl: https://d2khazk8e83 ( <u>s) (Map)</u>	0 : Water Supply thod: lity: c: rock: bl: https://d2khazk8e83rdv.cloudfront.ne (s) (Map) Date: 1952/02/27 1952 32.9184 45.3733430001992 -75.76089360935	0       Selected Flag:         :       Water Supply       Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:         thod:       County: Municipality: Site Info: c: Concession: Concession: Concession Name: Easting NAD83: Conce: Worthing NAD83: Zone: UTM Reliability:         bl:       Northing NAD83: Zone: UTM Reliability:         bl:       Northing NAD83: Zone: UTM Reliability:         bl:       Northing NAD83: Zone: UTM Reliability:         bl:       Northing NAD83: Zone: UTM Reliability:         bl:       1952/02/27 1952 32.9184 45.3733430001992 -75.76089360935	0       Selected Flag:       True         :       Water Supply       Abandonment Rec:       Contractor:       3725         :       Contractor:       3725       Form Version:       1         :       Owner:       Street Name:       OTTAWA         :       County:       OTTAWA       OTTAWA CITY         itity:       Site Info:       Concession Name:       Easting NAD83:         :       Concession Name:       Easting NAD83:       Zone:         :       Northing NAD83:       Zone:       UTM Reliability:         :       https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508135.pdf         Date:       1952/02/27       1952         1952       2.9184       45.3733430001992       -75.76089360935

#### 10030170 Elevation: 82.194831 Bore Hole ID: DP2BR: 12.00 Elevrc: Spatial Status: Zone: 18 440420.70 Code OB: r East83: Code OB Desc: Bedrock North83: 5024707.00 **Open Hole:** Org CS: UTMRC: Cluster Kind: 9 Date Completed: 27-Feb-1952 00:00:00 UTMRC Desc: unknown UTM Remarks: Location Method: р9 Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color:	931008895 3
General Color: Mat1: Most Common Material:	15 LIMESTONE
Mat2: Mat2 Desc: Mat3: Mat3:	
<i>Mat3 Desc: Formation Top Depth: Formation End Depth:</i>	12.0 108.0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> Materials Int	<u>and Bedrock</u> erval				
Formation IL Layer: Color:		931008894 2			
General Colo Mat1:	or:	11			
Most Commo Mat2: Mat2 Desc:	on Material:	GRAVEL			
Mat3: Mat3 Desc: Formation To	on Denth:	6.0			
Formation E	nd Depth: nd Depth UOM:	12.0 ft			
<u>Overburden</u> Materials Int	<u>and Bedrock</u> erval				
Formation IL Layer: Color:	):	931008893 1			
General Colo Mat1:	or:	02			
Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	on Material:	TOPSOIL			
Mat3 Desc: Formation To Formation E Formation E	op Depth: nd Depth: nd Depth UOM:	0.0 6.0 ft			
<u>Method of Co Use</u>	onstruction & Well	-			
Method Con	struction ID:	961508135			
Method Con	struction Code: struction: d Construction:	1 Cable Tool			
Pipe Informa	tion				
Pipe ID: Casing No: Comment: Alt Name:		10578740 1			
<u>Construction</u>	n Record - Casing				
Casing ID:		930053000			
Layer: Material:		2 4			
Open Hole o		OPEN HOLE			
Depth From: Depth To:		108			
Casing Diam	eter:	4			
Casing Diam Casing Dept		inch ft			

## Construction Record - Casing

Casing ID:	930052999
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

## Results of Well Yield Testing

Pump Test ID:	991508135
Pump Set At: Static Level:	13.0
Final Level After Pumping:	17.0
Recommended Pump Depth: Pumping Rate:	4.0
Flowing Rate:	4.0
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

## Water Details

Water ID:	933462525
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.0
Water Found Depth UOM:	ft

20	1 of 1	S/123.9	81.9/2.03			0005
_				ON		BORE
Borehole ID:	·	612764		Inclin FLG:	No	
OGF ID:		215514070		SP Status:	Initial Entry	
Status:				Surv Elev:	No	
Type:		Borehole		Piezometer:	No	
Use:				Primary Name:		
Completion	Date:	FEB-1949		Municipality:		
Static Water	Level:			Lot:		
Primary Wat	er Use:			Township:		
Sec. Water L	Jse:			Latitude DD:	45.372934	
Total Depth	m:	27.4		Longitude DD:	-75.761718	
Depth Ref:		Ground Surface		UTM Zone:	18	
Depth Elev:				Easting:	440356	
Drill Method	:			Northing:	5024662	
Orig Ground	l Elev m:	80.8		Location Accuracy:		
Elev Reliabil	Note:			Accuracy:	Not Applicable	
DEM Ground	d Elev m:	82.5		-		
<b>Concession</b> :	:					
Location D:						

Survey D: Comments:

## Borehole Geology Stratum

Derendle Geology Grad			
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description	218392399 1.5 3 Gravel	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Stratum Description:	GRAVEL.		
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description Stratum Description:	218392398 0 1.5 Clay <i>n:</i> CLAY.	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description Stratum Description:			REY. F,FISSURED. CLAY. BROWN,GREY,ST ed [Stratum Description] field.
<u>Source</u>			
Source Type: Source Orig: Source Date: Confidence: Observatio:	Data Survey Geological Survey of Canada 1956-1972	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level

#### Source List

Source Name: Source Details: Confiden 1:

Source Identifier: Source Type: Source Date:		1 Data Survey 1956-1972	Horizontal Datum:NAD27Vertical Datum:Mean Average Sea LevelProjection Name:Universal Transverse Mercator			
Source Na	Resolution: ame: riginators:	Varies Urban Geology Automated Infor Geological Survey of Canada		on System (UGAIS)		
<u>21</u>	1 of 1	S/124.0	81.9 / 2.03	lot 28 con 2 ON		wwis

Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 05272 NTS\_Sheet:

DB		Site	Elev/Diff (m)	Direction/ Distance (m)		Numbe Record	Мар Кеу
		Data Entry Status:			1510604		Well ID:
	1	Data Src:				n Date:	Construction
	8/8/1951	Date Received:			Domestic	ter Use:	Primary Wat
	True	Selected Flag:			0		Sec. Water L
		Abandonment Rec:		bly	Water Supp	tatus:	Final Well St
	3725	Contractor:		,			Water Type:
	1	Form Version:					Casing Mate
		Owner:					Audit No:
		Street Name:					Taq:
	OTTAWA	County:				n Method:	Construction
	OTTAWA CITY (NEPEAN)	•				n):	Elevation (m
	, , ,	Site Info:					
	028	Lot:				•	
	02						
	OF						Overburden/
	-	Easting NAD83:					Pump Rate:
		-					
							• •
						lv:	Clear/Cloudy
	OTTAWA CITY (NEPEAN) 028 02	Street Name: County: Municipality:				n): eliability: drock: n/Bedrock: r Level: N):	Tag: Construction Elevation (m Elevation Re Depth to Beo Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate:

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/151\1510604.pdf

## Additional Detail(s) (Map)

Well Completed Date:	1949/02/15
Year Completed:	1949
Depth (m):	27.432
Latitude:	45.3729324431467
Longitude:	-75.7617182201355
Path:	151\1510604.pdf

## Bore Hole Information

Bore Hole ID:	10032630	Elevation:	82.488311
DP2BR:	10.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	440355.70
Code OB Desc:	Bedrock	North83:	5024662.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	15-Feb-1949 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			•
Location Source Date	a <i>r</i>		

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

#### Overburden and Bedrock Materials Interval

Formation ID:	931015348
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Formation End Formation End Overburden an Materials Intern Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation End Formation End Formation End Formation End Formation ID:	I Depth: I Depth UOM: <u>nd Bedrock</u> <u>val</u> Material: Depth: I Depth: I Depth UOM: Depth UOM:	5.0 10.0 ft 931015347 1 05 CLAY 0.0 5.0 ft		
Formation End <u>Overburden an</u> <u>Materials Intern</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation End Formation End Formation End <u>Overburden an</u> <u>Materials Intern</u>	d Depth UOM: <u>nd Bedrock</u> <u>val</u> Material: Depth: d Depth: d Depth UOM: <u>nd Bedrock</u>	ft 931015347 1 05 CLAY 0.0 5.0		
Materials Inter Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation End Formation End Formation End Formation End Materials Inter	<u>val</u> Material: Depth: Depth: Depth UOM: Depth UOM:	1 05 CLAY 0.0 5.0		
Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End Formation End Overburden an <u>Materials Interv</u>	n Material: 5 Depth: 1 Depth: 1 Depth UOM: 1 depth UOM:	1 05 CLAY 0.0 5.0		
Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation Top Formation End Formation End Formation End <u>Overburden an</u> <u>Materials Inter</u>	n Material: 5 Depth: 1 Depth: 1 Depth UOM: 1 depth UOM:	05 CLAY 0.0 5.0		
Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation Top Formation End Formation End Overburden an Materials Inter	o Depth: 1 Depth: 1 Depth UOM: 1 Depth UOM: 11 <u>Bedrock</u>	CLAY 0.0 5.0		
Mat3 Desc: Formation Top Formation End Formation End Overburden an Materials Inter	I Depth: I Depth UOM: Ind Bedrock	5.0		
Formation End Formation End <u>Overburden an</u> <u>Materials Inter</u>	I Depth: I Depth UOM: Ind Bedrock	5.0		
Materials Inter				
Formation ID:				
Lover		931015349 3		
Layer: Color:		3 1		
General Color:	;	WHITE		
Mat1: Most Common	Matorial	15 LIMESTONE		
Mat2: Mat2 Desc: Mat3:	material.			
Mat3 Desc:		10.0		
Formation Top Formation End	) Depth: I Depth:	10.0 90.0		
Formation End		ft		
<u>Method of Con</u> <u>Use</u>	nstruction & Well			
Method Constr Method Constr		961510604 1		
Method Constr Method Constr Other Method	ruction:	Cable Tool		
<u>Pipe Information</u>	<u>on</u>			
Pipe ID:		10581200		
Casing No: Comment: Alt Name:		1		
Construction F	Record - Casing			
Casing ID:		930057837		
Layer: Material:		2 4		
Open Hole or M	Material:	4 OPEN HOLE		
Depth From: Depth To:		90		
Casing Diamet	ter:	5		

Map Key	Number o Records	of Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing Diam Casing Depth		inch ft				
<u>Construction</u>	Record - Ca	sing				
Casing ID:		930057836				
Layer:		1				
Material:		1				
Open Hole or	r Material:	STEEL				
Depth From: Depth To:		14				
Casing Diam	eter:	5				
Casing Diam		inch				
Casing Depth	h UOM:	ft				
Results of W	ell Yield Test	ting				
Pump Test ID	):	991510604				
Pump Set At:						
Static Level:	• = ·	10.0				
Final Level A						
Recommende		oth:				
Pumping Rat Flowing Rate						
Recommende		te:				
Levels UOM:		ft				
Rate UOM:		GPM				
Water State A						
Water State A		CLEAR 1				
Pumping Tes Pumping Dur		I				
Pumping Dur						
Flowing:		No				
Water Details	5					
Water ID:		933465630				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found		80.0 ft				
Water Found	Depth UOM:	. 10				
<u>22</u>	1 of 1	SSW/127.3	81.9/2.00	ON		wwis
Well ID:		1508465		Data Entry Status:		
Construction				Data Src:	1	
Primary Wate		Domestic		Date Received:	2/3/1956	
Sec. Water U	se:	0		Selected Flag:	True	
Final Well Sta	atus:	Water Supply		Abandonment Rec:	4046	
Water Type: Casing Mater	rial·			Contractor: Form Version:	4216 1	
Casing Mater Audit No:	iai.			Owner:	I	
Tag:				Street Name:		
Construction	Method:			County:	OTTAWA	
				Municipality:	OTTAWA CITY	
	liabilituu			Site Info:		
Elevation Rel				•		
Elevation Rel Depth to Bed				Lot:		
Elevation Rel Depth to Bed Well Depth:	lrock:			Concession:		
Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate:	lrock:					

	mber of cords	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Static Water Level Flowing (Y/N): Flow Rate: Clear/Cloudy:	:			Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map):		https://d2khazk8e83	rdv.cloudfront.ne	t/moe_mapping/downloa	nds/2Water/Wells_pdfs/150\1508465.pdf	
Additional Detail(s	<u>) (Map)</u>					
Well Completed Da Year Completed: Depth (m): Latitude: Longitude: Path:	ate:	1955/12/03 1955 38.4048 45.3727485985116 -75.7622904462402 150\1508465.pdf				
Bore Hole Informa	<u>tion</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source D Improvement Loca Source Revision C Supplier Comment Overburden and B Materials Interval	Pate: htion Source: htion Method: comment: t:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: Location Method:	82.508323 18 440310.70 5024642.00 5 margin of error : 100 m - 300 m p5	
Formation ID: Layer: Color:		931009734 1				
General Color: Mat1: Most Common Ma Mat2: Mat2 Desc: Mat3: Mat3:	terial:	05 CLAY				
<i>Mat3 Desc: Formation Top De<sub>l</sub> Formation End De<sub>l</sub> Formation End De<sub>l</sub></i>	pth:	0.0 18.0 ft				
<u>Overburden and B</u> <u>Materials Interval</u>	<u>edrock</u>					
Formation ID: Layer: Color: General Color:		931009735 2				
Mat1: Most Common Ma Mat2: Mat2 Desc:	terial:	15 LIMESTONE				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Mat3:					
Mat3 Desc:					
Formation To	p Depth:	18.0			
Formation En		126.0			
Formation En	d Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons		961508465			
Method Cons Method Cons	truction Code:	1 Cable Tool			
	Construction:	Cable 1001			
Pipe Informat	ion				
Pipe ID:		10579069			
Casing No:		1			
Comment: Alt Name:					
<u>Construction</u>	<u>Record - Casing</u>				
Casing ID:		930053642			
Layer:		1			
Material:		1			
Open Hole or	Material:	STEEL			
Depth From: Depth To:		18			
Casing Diame	ter.	5			
Casing Diame		inch			
Casing Depth		ft			
<u>Construction</u>	Record - Casing				
Casing ID:		930053643			
Layer:		2			
Material:	Matarial				
Open Hole or Depth From:	wateriai:	OPEN HOLE			
Depth To:		126			
Casing Diame	eter:	5			
Casing Diame	eter UOM:	inch			
Casing Depth	UOM:	ft			
<u>Results of We</u>	ell Yield Testing				
Pump Test ID		991508465			
Pump Set At:		12.0			
Static Level: Final Level Af	fter Pumping:	12.0 15.0			
	ed Pump Depth:	15.0			
Pumping Rate		6.0			
Flowing Rate:					
	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:	How Tool Orals	GPM			
Water State A Water State A	fter Test Code:	1 CLEAR			
Vater State A Pumping Tesi		1			
Pumping Test Pumping Dura		0			
Pumping Dura		30			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing:		No			
Water Detail	<u>s</u>				
Water ID:		933462977			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	d Depth:	45.0			
Water Found	Depth UOM:	ft			
23	1 of 1	ESE/133.9	80.9 / 1.00		WWIS
				ON	WW/3

23	1 of 1	ESE/133.9	80.9 / 1.00			WWIS
				ON		WW/3
Well ID:		1508132		Data Entry Status:		
Constructi	on Date:			Data Src:	1	
Primary W	ater Use:	Domestic		Date Received:	4/3/1952	
Sec. Water	r Use:	0		Selected Flag:	True	
Final Well	Status:	Water Supply		Abandonment Rec:		
Water Type	e:			Contractor:	5448	
Casing Ma	terial:			Form Version:	1	
Audit No:				Owner:		
Tag:				Street Name:		
Constructi	on Method:			County:	OTTAWA	
Elevation (	(m):			Municipality:	OTTAWA CITY	
Elevation l	Reliability:			Site Info:		
Depth to B	edrock:			Lot:		
Well Depth	n:			Concession:		
Overburde	n/Bedrock:			Concession Name:		
Pump Rate	e:			Easting NAD83:		
Static Wate	er Level:			Northing NAD83:		
Flowing (Y				Zone:		
Flow Rate:				UTM Reliability:		
Clear/Clou	dy:					
PDF URL (	Мар):	https://d2khazk8	e83rdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/150\15081	32.pdf

Additional Detail(s) (Map)

1952/01/11
1952
27.432
45.3734826851959
-75.7601930695214
150\1508132.pdf

## Bore Hole Information

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

Bore Hole ID: DP2BR:	10030167 5.00	Elevation: Elevrc:	80.994438
Spatial Status:	3.00	Zone:	18
Code OB:	r	East83:	440475.70
Code OB Desc:	Bedrock	North83:	5024722.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	11-Jan-1952 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc: Location Source Date:			

931008886 2			
15 LIMESTONE			
5.0 90.0 ft			
931008885 1			
25 OVERBURDEN			
0.0 5.0 ft			
<u>11</u>			
961508132 1 Cable Tool			
10578737 1			
930052994 2 4 OPEN HOLE 90 5 inch			
	2 15 LIMESTONE 5.0 90.0 ft 931008885 1 25 OVERBURDEN 0.0 5.0 ft 961508132 1 2able Tool 10578737 1 930052994 2 4 OPEN HOLE 90 5	2 15 LIMESTONE 5.0 90.0 ft 931008885 1 25 OVERBURDEN 0.0 5.0 ft 961508132 1 Cable Tool 10578737 1 930052994 2 4 OPEN HOLE 90 5 inch	2 15 LIMESTONE 5.0 90.0 ft 931008885 1 25 OVERBURDEN 0.0 5.0 ft 2 961508132 1 Cable Tool 10578737 1 930052994 2 4 OPEN HOLE 90 5 inch

## Construction Record - Casing

Casing ID:	930052993
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pump Test ID:	991508132
Pump Set At:	
Static Level:	8.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

## Water Details

Water ID:	933462522
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90.0
Water Found Depth UOM:	ft

<u>24</u>	1 of 1	E/135.4	79.9 / 0.00	ON		WWIS
Well ID: Constructi Primary Wa Sec. Water Final Well S Water Type Casing Mar Audit No: Tag: Constructi Elevation ( Elevation F Depth to B	on Date: ter Use: Use: Status: erial: on Method: m): Reliability: edrock:	1507978 Domestic 0 Water Supply	73.370.00	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	1 6/22/1951 True 4832 1 OTTAWA OTTAWA CITY	WWIS
Well Depth Overburde Pump Rate Static Wate Flowing (Y	n/Bedrock: : er Level:			Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Flow Rate: Clear/Cloudy:				UTM Reliability:		
PDF URL (Ma	p):	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/download	ls/2Water/Wells_pdfs/150\1507978.pdf	
Additional De	tail(s) (Map)					
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:		1951/05/21 1951 40.2336 45.374747858334 -75.7594437352451 150\1507978.pdf				
Bore Hole Infe	ormation					
Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID:	8.00 s: c: r bed: 21-Ma rce Date: Location Source Location Method ion Comment: ment: ment: and Bedrock rval	ock ay-1951 00:00:00 : : : 931008519		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	79.483169 18 440535.70 5024862.00 9 unknown UTM p9	
Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	n Material: p Depth:	3 2 GREY 15 LIMESTONE 8.0 132.0				
Formation En Overburden a	d Depth UOM: and Bedrock	ft				
Materials Inte Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Mat3 Desc:	rz	931008517 1 25 OVERBURDEN				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Formation Top	o Depth:	0.0				
Formation End		2.0 ft				
Formation End	d Depth UOM:	π				
<u>Overburden al</u> Materials Inter						
Formation ID:		931008518				
Layer:		2				
Color: General Color						
Mat1:		14				
Most Commor	n Material:	HARDPAN				
Mat2:						
Mat2 Desc: Mat3:						
Mat3 Desc:						
Formation Top	o Depth:	2.0				
Formation End	d Depth:	8.0				
Formation End	d Depth UOM:	ft				
<u>Method of Cor</u> Use	nstruction & Well					
Method Const	truction ID:	961507978				
	truction Code:	1				
Method Const		Cable Tool				
Other Method	Construction:					
Pipe Informati	ion					
Pipe ID:		10578583				
Casing No:		1				
Comment: Alt Name:						
Construction	Record - Casing					
Casing ID:		930052682				
Layer:		1				
Material:		1				
Open Hole or I	Material:	STEEL				
Depth From: Depth To:		23				
Casing Diame	ter:	5				
Casing Diame	ter UOM:	inch				
Casing Depth	UOM:	ft				
Construction	Record - Casing					
Casing ID:		930052683				
Layer: Motoriali		2				
Material: Open Hole or I	Material	4 OPEN HOLE				
Depth From:						
Depth To:		132				
Casing Diame	ter:	5				
Casing Diame		inch ft				
Casing Depth		ft				

# Results of Well Yield Testing

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pump Test ID Pump Set At:		991507978				
Static Level:		23.0				
	fter Pumping:	44.0				
	ed Pump Depth:					
Pumping Rat		7.0				
Flowing Rate	2					
	ed Pump Rate:					
Levels UOM:		ft				
Rate UOM:		GPM				
	After Test Code:	1				
Water State A		CLEAR				
Pumping Tes		1				
Pumping Dur		0 10				
Pumping Dur Flowing:	ation win:	No				
lowing.		NO				
Water Details	i					
Water ID:		933462295				
Layer:		2				
Kind Code:		1				
Kind:		FRESH				
Water Found		108.0				
Water Found	Depth UOM:	ft				
Water Details	i					
Water ID:		933462296				
Layer:		3				
Kind Code:		1				
Kind:		FRESH				
Water Found		126.0				
Water Found	Depth UOM:	ft				
Water Details	2					
Water ID:		933462294				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found		74.0				
Water Found	Depth UOM:	ft				
25	1 of 1	ESE/136.7	80.9 / 1.00			
_				ON		WWIS
Well ID:	15079	979		Data Entry Status:		
Construction				Data Src:	1	
Primary Wate	er Use: Dome			Date Received:	10/15/1951	

Selected Flag:

Form Version:

Street Name:

Municipality:

Concession:

Contractor:

Owner:

County:

Site Info:

Lot:

Abandonment Rec:

True

5448

OTTAWA OTTAWA CITY

1

Sec. Water Use:

Casing Material:

Water Type:

Audit No:

75

Final Well Status:

0

Water Supply

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy:	Level: ):			Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Ma	p):	https://d2khazk8e83	rdv.cloudfront.ne	t/moe_mapping/download	ls/2Water/Wells_pdfs/150\1507979.pdf
Additional De	etail(s) (Map)				
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:		1951/05/25 1951 24.0792 45.3734831101529 -75.76012921948 150\1507979.pdf			
Bore Hole Infe	ormation				
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc:	4.00 s: r sc: Bedro	-		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	80.866745 18 440480.70 5024722.00 9 unknown UTM p9
Location Sou Improvement Improvement Source Revis	Location Source: Location Method ion Comment:				
Location Sou Improvement Improvement Source Revis Supplier Com Overburden a	Location Source: Location Method ion Comment: iment: and Bedrock				
Location Sou Improvement Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc:	Location Source: Location Method ion Comment: mment: and Bedrock erval :				
Location Sou Improvement Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat2: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	Location Source: Location Method ion Comment: ment: and Bedrock erval : r: n Material: p Depth:	931008520 1 05			
Location Sou Improvement Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Colon Mat2: Mat3 Desc: Mat3 Desc: Formation To Formation En Formation En	Location Source: Location Method ion Comment: ment: and Bedrock erval : r: n Material: of Depth: nd Depth: nd Depth UOM: and Bedrock	931008520 1 05 CLAY 0.0 4.0			
Location Sou Improvement Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Colon Mat2: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	Location Source: Location Method ion Comment: mment: and Bedrock erval : r: n Material: op Depth: nd Depth: nd Depth UOM: and Bedrock erval :	931008520 1 05 CLAY 0.0 4.0			

Met2 Desi: Met3 Desi: Formation Top Depth: 4.0 Formation End Depth: 73.0 Formation End Depth: 73.0 Formation End Depth: 004: K Method Construction & Well. Use Method Construction Code: 1 Method Construction: Cable Tool Other Method Construction: 1 Elpe Information Elpe Information Construction Record - Casing Casing Dimeter: 5 Casing Dimeter: 5 Casing Dimeter: 5 Casing Dimeter: 5 Casing Dimeter: 7 Construction Record - Casing Casing Dimeter: 7 Casing Casing Casin	Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
Wats:         Mass Desc:         4.0           Formation Top Depth:         7.9.0           Formation End Depth:         7.9.0           Formation End Depth:         7.9.0           Formation End Depth:         7.9.0           Formation End Depth:         7.9.0           Wathod Construction & Well         Wathod Construction Code:           Wathod Construction:         Cable Tool           Other Method Construction:         10578584           Econstruction Record - Casing         Casing Doi:           Construction Record - Casing         1           Construction Record - Casing         1           Casing Diameter:         5           Casing Diameter:         5           Casing Diameter:         5           Casing Diameter:         2           Casing Diameter:         2           Casing Diameter:         5           Casing Diameter:         5           Casing Diameter:         7           Casing Diameter:         7 <td></td> <td></td> <td></td> <td></td> <td></td>					
Ward Desc:         Formation End Depth:         4.0           Formation End Depth:         79.0           Formation End Depth:         79.0           Formation End Depth:         79.0           Formation End Depth:         79.0           Formation End Depth:         91507979           Wethod Construction Code:         1           Wethod Construction:         Cable Tool           Dhar Method Construction:         Cable Tool           Dhar Method Construction:         10578584           Casing Ion:         1           Open Ion:         10578584           Casing Ion:         1           Open Hole on Material:         0           Open Hole on Material:         0           Open Hole on Material:         0           Open Hole on Material:					
Formation Top Depth:: 4.0 Formation End Depth: 79.0 Formation End Depth: UOM: 1 Method Construction & Weil. Las Method Construction D: 961507979 Wethod Construction Code: 1 Method Construction: Cable Tool Other Method Construction: Cable Tool Other Method Construction: 1 Pipe ID: Cable Tool Other Method Construction: 1 Pipe ID: Cable Tool Construction Record - Casing Construction Record - Casing Dop Holo or Material: STEEL Dop Poth Fron: 1 Construction Record - Casing Dop Holo or Material: STEEL Dop Holo or Material: A Statis J Diameter UOM: In Ch Casing Diameter: S Casing Diameter:					
Formation End Depth: 79.0 Formation End Depth: 10 Method Construction & Well Wethod Construction D: 901907979 Method Construction Code: 1 Method Construction Code: 1 Method Construction: Cable Tool Other Method Construction: Cable Tool Construction Record - Casing Depth From: 1 Statistic Construction Record - Casing Depth From: 1 Construction Record - Casing Casing Depth VOM: 1 Construction Record - Casing Casing Depth VOM: 1 Casing Depth VOM: 1 Casi		1.0			
Formation End Depth VOM:       t         Method of Construction & Well, Use       Second					
Wathed of Construction D.         961507979           Wathed Construction Code:         1           Wathed Construction:         Gable Tool           Other Method Construction:         Gable Tool           Other Method Construction:         Gable Tool           Other Method Construction:         10578584           Casing No:         1           At Name:         1           Construction Record - Casing         1           Depth From:         1           Depth From:         1           Casing Danneter:         5           Sasing Danneter:         1           Casing Danneter:         1           Casing Danneter:         1           Casing Danneter:         2           Casing Danneter:         2           Casing Danneter:         1           Dephi Hoin:         1					
Use     Wethod Construction ID:     961507979       Wethod Construction:     Cable Tool       Other Method Construction:     Cable Tool       Other Method Construction:     Cable Tool       Other Method Construction:     US78584       Casing No:     1       Construction Record - Casing     Construction:       Kiterial:     1       Construction Record - Casing     Subscience       Casing Dineater:     5       Casing Dianeter:     79       Casing Dianeter:     79       Casing Dianeter:     5	Formation End Depth UOW:	π			
Method Construction Code: 1 Wethod Construction:		<u>Vell</u>			
Method Construction:     Cable Tool       Other Method Construction:     Cable Tool       Pipe Information     10578584       Cossing No:     1       Comment:     1       Alt Name:     1       Construction Record - Casing     930052884       Layer:     1       Casing No:     930052884       Layer:     1       Open Hole on Material:     1       Open Hole on Material:     STEEL       Depth Fron:     1       Casing Diameter:     5       Casing Diameter:     5       Casing Diameter:     5       Casing Diameter:     5       Casing Diameter:     6       Casing Diameter:     6       Casing Diameter:     79       Casing Diameter:     79       Casing Diameter:     5       Casing Diameter	Method Construction ID:	961507979			
Other Method Construction:         Pipe Information         Pipe ID:       10578584         Casing No:       1         Comment:       3         At Name:       3         Construction Record - Casing       3         Casing ID:       930052684         Layer:       1         At Name:       1         Open Hole or Material:       1         Open Hole or Material:       1         Depth From:       1         Depth From:       1         Open Hole or Material:       930052685         Layer:       2         Material:       4         Open Hole or Material:       9EN HOLE         Depth From:       7         Casing Diameter UOM:       inch         Casing Diameter UOM:       inch         Casing Diameter UOM:       inch         Casing Diameter UOM:       inch         Casing Diameter UOM: <td></td> <td></td> <td></td> <td></td> <td></td>					
Pipe ID: 10578584 Casing No: 1 Comment: Alt Name: Construction Record - Casing Casing ID: 930052684 Layer: 1 Open Hole or Material: STEEL Depth From: 11 Open Hole or Material: STEEL Depth From: 5 Casing Diameter: 5 Casing Diameter: 6 Casing Diameter: 11 Construction Record - Casing Uameter: 2 Casing Diameter: 2 Casing Diameter: 2 Casing Diameter: 2 Casing Diameter: 2 Casing Diameter: 2 Casing Diameter: 3 Casing Diameter: 3 Casing Diameter: 3 Casing Diameter: 3 Casing Diameter: 4 Casing Diameter: 5 Casing Casing					
Casing Io:       1         Comment:       2         Alt Name:       2         Construction Record - Casing       2         Casing ID:       930052684         Layer:       1         Material:       1         Open Hole or Material:       STEEL         Depth To:       1         Casing Joameter:       5         Casing Joameter UOM:       it         Casing Dameter:       5         Casing Joameter UOM:       it         Casing Joameter UOM:       4         Open Hole or Material:       0         Open Hole or Material:       0         Depth To:       79         Casing Joameter:       5         Casing Joameter UOM:       it	<u>Pipe Information</u>				
Casing Io:       1         Comment:       2         Alt Name:       2         Construction Record - Casing       2         Casing ID:       930052684         Layer:       1         Material:       1         Open Hole or Material:       STEEL         Depth To:       1         Casing Joameter:       5         Casing Joameter UOM:       it         Casing Dameter:       5         Casing Joameter UOM:       it         Casing Joameter UOM:       4         Open Hole or Material:       0         Open Hole or Material:       0         Depth To:       79         Casing Joameter:       5         Casing Joameter UOM:       it	-	10578584			
Commone: Aft Name: Construction Record - Casing Casing ID: 930052684 Laye: 1 Open Hole or Material: STEEL Depth For: 1 Depth For: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter UOM: inch Casing Diameter UOM: inch Casing Diameter UOM: inch Casing Diameter UOM: inch Casing Depth UOM: t Construction Record - Casing Casing Diameter UOM: inch Casing Diameter UOM: inch Casing Diameter UOM: inch Casing Diameter UOM: inch Casing Diameter: 2 Casing Diameter: 2 Casing Diameter: 5 Casing Diameter: 7 Casing Diameter: 7					
Construction Record - Casing           Casing ID:         930052684           Layer:         1           Layer:         1           Open Hole or Material:         STEEL           Depth From:         I           Casing Diameter:         5           Casing Diameter:         5           Casing Diameter:         5           Casing Diameter:         6           Casing Diameter:         7           Casing Diameter:         2           Material:         4           Open Hole or Material:         9           Casing Diameter:         2           Material:         4           Open Hole or Material:         9           Open Hole or Material:         9           Depth From:         2           Bestific Evel         1           Casing Diameter:         7           Casing Diameter:         7           Casing Diameter:         5           Casing Diameter:         <					
Casing ID: 930052684 Layer: 1 Material: 1 Depth To: 1 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Depth UOM: tt Construction Record - Casing Casing ID: 930052685 Layer: 2 Casing ID: 930052685 Layer: 2 Material: 4 Open Hole or Material: 0 Depth From: Depth To: 79 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 6 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 6 Casing Diameter: 5 Casing Diameter: 6 Casing Diameter: 7 Pump Test ID: 991507979 Pump Test ID: 991507979 Pump Set At: Recommended Pump Depth: 7.0 Final Level After Pumping: 15.0 Recommended Pump Depth: 7.0 Final Level After Pumping: 7.0 Final Level After Pumping: 7.0 Final Level After Fers: CLEAR	Alt Name:				
Layer 1 Material: 1 Material: 1 Material: 1 Depth Trom: Depth Trom: 5 Casing Diameter: 5 Casing Diameter UOM: inch Casing Depth UOM: t Casing Depth UOM: t Casing Depth UOM: 1 Casing Depth Trom: 2 Material: 4 Open Hole or Material: 0 PEN HOLE Depth Tro: 79 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 79 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 6 Casing Diameter: 79 Casing Diameter: 79 Casing Diameter: 5 Casing Diameter: 79 Casing Depth HOM: inch Casing Depth UOM: t t  Results of Well Yield Testing Pump Set At: 5 Static Level: 10.0 Final Level Atter Pump Ing: 15.0 Recommended Pump Depth: Evere UOM: f Rate UDM: f Rate U	Construction Record - Casi	ng			
Material: 1 Open Hole or Material: STEEL Open Hole or Material: STEEL Open Hole or Material: 5 Cassing Diameter UOM: inch Cassing Depth UOM: It Construction Record - Casing Cassing Depth UOM: It Cassing Depth UOM: 1 Cassing Depth UOM: 2 Cassing Depth UOM: 3 Cassing Depth UOM: 3 Cassing Depth UOM: 3 Cassing Depth UOM: 4 Cassing Depth UDM: 4 Cas					
Open Hole or Material:STEELDepth Tor:1Casing Diameter:5Casing Diameter UOM:inchCasing Diameter UOM:tTor930052685Layer:2Material:4Open Hole or Material:OPEN HOLEDepth Tor:79Casing Diameter:5Casing Diameter:5Casi					
Depth From:       11         Depth To:       11         Casing Diameter:       5         Casing Diameter:       5         Casing Depth UOM:       inch         Casing Depth UOM:       it         Construction Record - Casing          Casing JD:       930052685         Layer:       2         Material:       4         Open Hole or Material:       4         Open Hole or Material:       4         Depth From:       5         Casing Diameter:       10.0         Final Level Idter Pumping:       15.0         Recommended Pump Depth:       7.0         Pumping Rate:       7.0         Flowing Rate:       7.0         Flowing Rate:       5.0         Recommended Pump Rate:       1.0         Levels:       7.0         Flowing Rate:       7.0         Water State After Test					
Depth 70:11Casing Diameter:5Casing Diameter UOM:inchCasing Depth UOM:ftConstruction Record - CasingConstruction Record - CasingCasing Jin:930052685Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:		STEEL			
Casing Diameter: 5 Casing Diameter UOM: inch Casing Depth UOM: t Construction Record - Casing Casing ID: 930052685 Layer: 2 Material: 4 Open Hole or Material: OPEN HOLE Depth From: 0 Depth From: 79 Casing Diameter: 5 Casing Diameter: 7.0 Flowing Rate: 7.0		11			
Casing Diameter UOM: inch Casing Depth UOM: it Construction Record - Casing Casing ID: 930052685 Layer: 2 Material: 4 Open Hole or Material: OPEN HOLE Depth From: Depth To: 79 Casing Diameter: 5 Casing Di					
Casing Depth UOM: ft Construction Record - Casing Casing ID: 930052685 Layer: 2 Material: 4 Open Hole or Material: OPEN HOLE Depth From:  Depth To: 79 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 10.0 Final Level After Teurping: 15.0 Recommended Pump Rate:  Recommended Pump Rate:  Recommended Pump Rate:  Iver State After Test Code: 1 Water State After Test Code: 1 Water State After Test Code: 1 Water State After Test: CLEAR		inch			
Casing ID:930052685Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:Depth To:Depth To:79Casing Diameter:5Casing Diameter:5Casing Depth UOM:inchCasing Depth UOM:itttResults of Well Yield TestingPump Test ID:991507979Pump Set At:5Static Level:10.0Final Level After Pumping:15.0Recommended Pump Depth:-Pumping Rate:7.0Flowing Rate:7.0Recommended Pump Rate:-Levels UOM:ftRecommended Pump Rate:-Levels UOM:ftMater State After Test Code:1Water State After Test:CLEAR		ft			
Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:	Construction Record - Casi	ng			
Material:4Open Hole or Material:OPEN HOLEDepth From:-Depth To:79Casing Diameter:5Casing Diameter UOM:inchCasing Depth UOM:ftPump Test ID:Pump Test ID:991507979Pump Set At:10.0Static Level:10.0Final Level After Pumping:15.0Recommended Pump Depth:-Pumping Rate:7.0Flowing Rate:6Levels UOM:ftWater State After Test:GPMWater State After Test:CLEAR					
Open Hole or Material:OPEN HOLEDepth From:79Casing Diameter:5Casing Diameter:5Casing Diameter UOM:inchCasing Depth UOM:ftResults of Well Yield TestingPump Test ID:Pump Test ID:991507979Pump Set At:10.0Static Level:10.0Final Level After Pumping:15.0Recommended Pump Depth:Pumping Rate:Pumping Rate:7.0Flowing Rate:GPMWater State After Test Code:1Water State After Test:CLEAR					
Depth From:Depth To:79Casing Diameter:5Casing Diameter UOM:inchCasing Depth UOM:ftResults of Well Yield TestingPump Test ID:Pump Test ID:991507979Pump Set At:10.0Final Level After Pumping:15.0Recommended Pump Depth:Pump Test ID:Pump Rate:7.0Flowing Rate:7.0Recommended Pump Rate:GPMWater State After Test Code:1Water State After Test:CLEAR		-			
Depth To: 79 Casing Diameter: 5 Casing Diameter UOM: inch Casing Depth UOM: ft Results of Well Yield Testing Pump Test ID: 991507979 Pump Set At: Static Level: 10.0 Final Level After Pumping: 15.0 Recommended Pump Depth: Pumping Rate: 7.0 Flowing Rate: Recommended Pump Rate: Levels UOM: ft Rate UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR		OPEN HOLE			
Casing Diameter:5Casing Diameter UOM:inchCasing Depth UOM:ftResults of Well Yield TestingPump Test ID:991507979Pump Set At:5Static Level:10.0Final Level After Pumping:15.0Recommended Pump Depth:7.0Flowing Rate:7.0Flowing Rate:GPMWater State After Test Code:1Water State After Test:CLEAR		79			
Casing Diameter UOM:       inch         Casing Depth UOM:       ft         Results of Well Yield Testing         Pump Test ID:       991507979         Pump Set At:       10.0         Static Level:       10.0         Final Level After Pumping:       15.0         Recommended Pump Depth:	Casing Diameter:				
Casing Depth UOM:       ft         Results of Well Yield Testing         Pump Test ID:       991507979         Pump Set At:       991507979         Static Level:       10.0         Final Level After Pumping:       15.0         Recommended Pump Depth:       90150797         Pumping Rate:       7.0         Flowing Rate:       7.0         Recommended Pump Rate:       10.0         Recommended Pump Rate:       10.0         Water State After Test Code:       1         Water State After Test:       CLEAR	Casing Diameter UOM:				
Pump Test ID:991507979Pump Set At:991507979Static Level:10.0Final Level After Pumping:15.0Recommended Pump Depth:Pumping Rate:7.0Flowing Rate:7.0Recommended Pump Rate:Levels UOM:ftRate UOM:GPMWater State After Test:CLEAR					
Pump Set At:         Static Level:       10.0         Final Level After Pumping:       15.0         Recommended Pump Depth:	Results of Well Yield Testin	g			
Static Level:10.0Final Level After Pumping:15.0Recommended Pump Depth:		991507979			
Final Level After Pumping:       15.0         Recommended Pump Depth:		40.0			
Recommended Pump Depth:         Pumping Rate:         Flowing Rate:         Recommended Pump Rate:         Levels UOM:       ft         Rate UOM:       GPM         Water State After Test:       CLEAR					
Pumping Rate:       7.0         Flowing Rate:					
Flowing Rate:         Recommended Pump Rate:         Levels UOM:       ft         Rate UOM:       GPM         Water State After Test Code:       1         Water State After Test:       CLEAR					
Recommended Pump Rate:         Levels UOM:       ft         Rate UOM:       GPM         Water State After Test Code:       1         Water State After Test:       CLEAR		1.0			
Levels UOM:     ft       Rate UOM:     GPM       Water State After Test Code:     1       Water State After Test:     CLEAR					
Rate UOM:     GPM       Water State After Test Code:     1       Water State After Test:     CLEAR					
Water State After Test Code: 1 Water State After Test: CLEAR					
Water State After Test: CLEAR		-			
Pumping Test Method: 1					

	Number o Records		Direction/ Distance (m)	Elev/Diff (m)	Site		Di
Pumping Durati Pumping Durati Flowing:			0 30 No				
<u>Water Details</u>							
Water ID:			933462297				
Laver:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found De Water Found De		:	79.0 ft				
<u>26</u> 1	of 2		SSW/140.9	81.9/2.00	ON		ww
Well ID:		1508483			Data Entry Status:		
Construction Da					Data Src:	1	
Primary Water l		Domestic	;		Date Received:	2/21/1951	
Sec. Water Use.		0			Selected Flag:	True	
Final Well Statu Water Type:	IS:	Water Su	ірріу		Abandonment Rec: Contractor:	3725	
Casing Material	l:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Construction M	lethod:				County:	OTTAWA	
Elevation (m): Elevation Relial	bility.				Municipality: Site Info:	OTTAWA CITY	
Depth to Bedro					Lot:		
Well Depth:					Concession:		
Overburden/Be	drock:				Concession Name:		
Pump Rate:					Easting NAD83:		
Static Water Le Flowing (Y/N):	ever:				Northing NAD83: Zone:		
Flow Rate:					UTM Reliability:		
Clear/Cloudy:							
PDF URL (Map)	):		https://d2khazk8e8	3rdv.cloudfront.n	et/moe_mapping/downloads,	/2Water/Wells_pdfs/150\1508483.pdf	
Additional Deta	<u>ail(s) (Map)</u>	2					
Well Completed			1951/01/29				
Year Completed	d:		1951				
Depth (m): Latitude:			19.812 45.3726127380718	8			
Longitude:			-75.762416330495				
Path:			150\1508483.pdf				
Bore Hole Infor	rmation						
Bore Hole ID:		1003051	7		Elevation:	82.326995	
DP2BR:		7.00			Elevrc:	40	
Spatial Status: Code OB:		r			Zone: East83:	18 440300.70	
Code OB: Code OB Desc:		Bedrock			North83:	5024627.00	
					Org CS:		
Open Hole:					UTMRC:	5	
Open Hole: Cluster Kind:		20 Jan 10	951 00:00:00		UTMRC Desc:	margin of error : 100 m - 300 m	
Cluster Kind: Date Completed	d:	29-Jan-1	00.00.00				
Cluster Kind: Date Completed Remarks:	d:	29-Jan-1	00.00.00		Location Method:	p5	
Cluster Kind: Date Completed		25-5411-13	00.00.00			p5	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
	Location Method: ion Comment: nment:				
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc:	r:	931009785 1 02 TOPSOIL 09 MEDIUM SAND			
Mat3: Mat3 Desc: Formation To Formation Er Formation Er		0.0 7.0 ft			
<u>Overburden a</u> Materials Inte					
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3:	r:	931009786 2 2 GREY 15 LIMESTONE			
Mat3 Desc: Formation To Formation Er Formation Er	op Depth: nd Depth: nd Depth UOM:	7.0 65.0 ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons	truction Code:	961508483 1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10579087 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo		930053678 2 4 OPEN HOLE 65 4			

мар кеу	Record		Distance (m)	(m)	Sile		DΒ
Casing Diame Casing Depth			inch ft				
Construction	Record -	Casing					
Casing ID:			930053677				
Layer:			1				
Material:			1				
Open Hole or			STEEL				
Depth From:			12				
Depth To: Casing Diame	otori		12				
Casing Diame			4 inch				
Casing Depth			ft				
Results of We	ell Yield Te	esting					
Pump Test ID			991508483				
Pump Set At:			11.0				
Static Level: Final Level A	ftor Pumpi	ina:	11.0 12.0				
Recommende			12.0				
Pumping Rate		opan.	6.0				
Flowing Rate							
Recommende	ed Pump F	Rate:					
Levels UOM:			ft				
Rate UOM:	• • · · ·		GPM				
Water State A Water State A		:ode:	1 CLEAR				
Pumping Tes			1				
Pumping Dur			0				
Pumping Dur			20				
Flowing:			No				
Water Details	5						
Water ID:			933463002				
Layer:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found		N.A.	20.0 ft				
Water Found	Depth 00	IVI.					
<u>26</u>	2 of 2		SSW/140.9	81.9/2.00	ON		WWIS
		1508482					
Well ID: Construction	Data	1006462			Data Entry Status: Data Src:	1	
Primary Wate		Domesti	Ċ.		Date Received:	2/21/1951	
Sec. Water U		0	0		Selected Flag:	True	
Final Well Sta		Water St	upply		Abandonment Rec:		
Water Type:			,		Contractor:	3725	
Casing Mater	rial:				Form Version:	1	
Audit No:					Owner:		
Tan	Mathad				Street Name:	ΟΤΤΑΙΜΑ	
Tag: Construction					County: Municipality:	OTTAWA OTTAWA CITY	
Construction					Site Info:		
Construction Elevation (m)					Site inter		
Construction Elevation (m) Elevation Rel	liability:				Lot:		
Construction Elevation (m) Elevation Rel Depth to Bed	liability:				Lot: Concession:		
Construction Elevation (m) Elevation Rel	liability: Irock:						

Elev/Diff

Site

Direction/

DB

Мар Кеу

Number of

Ctatia Watan	Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	<i>l):</i>				Northing NAD83: Zone: UTM Reliability:		
PDF URL (Ma	ap):		https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/download	s/2Water/Wells_pdfs/150\1508482.pdf	
Additional De	etail(s) (Map	2					
Well Complea Year Comple Depth (m): Latitude: Longitude: Path:			1951/01/25 1951 19.5072 45.3726127380718 -75.762416330495 150\1508482.pdf				
Bore Hole Int	<u>formation</u>						
Bore Hole ID. DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou	s: sc: : eted: urce Date:	1003051 6.00 r Bedrock 25-Jan-1			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	82.326995 18 440300.70 5024627.00 9 unknown UTM p9	
Improvement Improvement Source Revis	t Location M sion Comme	lethod:					
Improvement Improvement Source Revis Supplier Con Overburden a	t Location M sion Comme mment: and Bedrocl	lethod: ent:					
Improvement Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation E	t Location M sion Comme nment: <u>and Bedroci erval</u> D: D: D: D: D: D: D: D: D: D: D: D: D:	lethod: ent: <u>k</u>	931009783 1 02 TOPSOIL 09 MEDIUM SAND 0.0 6.0 ft				
Improvement Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En Formation En	t Location M sion Comme nment: <u>and Bedrock</u> erval or: or: on Material: op Depth: nd Depth: nd Depth UC and Bedrock	lethod: ent: <u>k</u> DM:	1 02 TOPSOIL 09 MEDIUM SAND 0.0 6.0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Mat3:					
Mat3 Desc:					
Formation To	p Depth:	6.0			
Formation En	d Depth: d Depth UOM:	64.0 ft			
Formation En	a Depth OOM.	It			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons		961508482			
Method Cons Method Cons	truction Code:	1 Cable Tool			
	l Construction:	Cable 1001			
Pipe Informat	ion				
Pipe ID:		10579086			
Casing No: Comment:		1			
Alt Name:					
Construction	Record - Casing				
Casing ID:		930053676			
Layer:		2			
Material:	Matarial	4 OPEN HOLE			
Open Hole or Depth From:	wateria:	OPEN HOLE			
Depth To:		64			
Casing Diame		4			
Casing Diame Casing Depth		inch ft			
Construction	Record - Casing				
Casing ID:		930053675			
Layer:		1			
Material: Open Hole or	Matarial	1 STEEL			
Depth From:	Maleriai.	SILL			
Depth To:		13			
Casing Diame	eter:	4			
Casing Diame Casing Depth		inch ft			
Casing Depth		n			
	ell Yield Testing				
Pump Test ID Pump Set At:		991508482			
Static Level:		8.0			
	fter Pumping:	8.0			
Recommende	ed Pump Depth:				
Pumping Rate Flowing Rate	:	8.0			
	ed Pump Rate:	<del>11</del>			
Levels UOM: Rate UOM:		ft GPM			
	fter Test Code:	1			
Water State A	fter Test:	CLEAR			
Pumping Tes		1			
Pumping Dura		0 20			
Pumping Dura		20			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing:		No			
Water Details	5				
Water ID:		933463001			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	Depth:	15.0			
	Depth UOM:	ft			
<u>27</u>	1 of 2	ESE/146.8	80.9 / 1.00	ON	WWIS

21	1012	ESE/140.6	80.971.00	ON		WWIS
Elevation ( Elevation I Depth to E Well Depth	ater Use: r Use: Status: e: iterial: ion Method: (m): Reliability: Bedrock: n: pr/Bedrock: e: er Level: (/N): :	1508385 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 7/28/1952 True 3725 1 OTTAWA OTTAWA CITY	
PDF URL (	(Мар):	https://d2khazk8e	e83rdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/150\1508385	.pdf

# Additional Detail(s) (Map)

1952/06/24
1952
49.0728
45.3738473795001
-75.7594955382261
150\1508385.pdf

# Bore Hole Information

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

Bore Hole ID:	10030419	Elevation:	80.739768
DP2BR:	12.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	440530.70
Code OB Desc:	Bedrock	North83:	5024762.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	24-Jun-1952 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Com	ment:				
<u>Overburden a</u> Materials Inte					
Formation ID: Layer: Color: General Colo		931009546 1			
Mat1: Most Commo Mat2: Mat2 Desc:		05 CLAY			
<i>Mat3: Mat3 Desc: Formation To Formation En</i> Formation En	p Depth: d Depth: d Depth UOM:	0.0 12.0 ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID. Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	r:	931009547 2 3 BLUE 17 SHALE			
<i>Mat3 Desc: Formation To Formation En</i>		12.0 161.0 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction Code:	961508385 1 Cable Tool			
Pipe Informat	ion				
Pipe ID: Casing No: Comment: Alt Name:		10578989 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	eter: eter UOM:	930053486 2 4 OPEN HOLE 161 4 inch ft			
Subing Depth					

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# Construction Record - Casing

Casing ID:	930053485
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	21
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pump Test ID:	991508385
Pump Set At: Static Level:	12.0
Final Level After Pumping:	18.0
Recommended Pump Depth:	
Pumping Rate:	1.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

### Water Details

Water ID:	933462867
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	54.0
Water Found Depth UOM:	ft

27	2 of 2	ESE/146.8	80.9 / 1.00	ON		WWIS
Well ID: Constructi Primary W Sec. Water Final Well Water Type	ater Use: Use: Status:	1508389 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	1 9/1/1954 True 3701	
Casing Ma Audit No: Tag:	terial:			Form Version: Owner: Street Name:	1	
Elevation ( Elevation I Depth to B Well Depth	Reliability: edrock: :: n/Bedrock: e: er Level:			County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	OTTAWA OTTAWA CITY	

	Records	of	Direction/ Distance (m)	Elev/Diff (m)			D
Flow Rate: Clear/Cloudy:					UTM Reliability:		
PDF URL (Maj	p):		https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/download	s/2Water/Wells_pdfs/150\1508389.pdf	
Additional De	etail(s) (Map)	2					
Well Complete Year Complet Depth (m): Latitude: Longitude: Path:	ed Date: ted:		1954/06/02 1954 41.7576 45.3738473795001 -75.7594955382261 150\1508389.pdf				
Bore Hole Infe	ormation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks:	s: c:	10030423 6.00 r Bedrock 02-Jun-19	3 954 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	80.739768 18 440530.70 5024762.00 9 unknown UTM p9	
Location Sour Improvement Source Revise Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color:	Location So Location Me ion Commen iment: <u>and Bedrock</u> <u>rval</u>	ethod: nt:	931009555 1				
Elevrc Desc: Location Soun Improvement Source Reviss Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Colon Mat1: Most Common Mat2 Desc: Mat3 Desc: Formation To Formation En	Location So Location Me ion Commen iment: and Bedrock rval r: n Material: p Depth: d Depth:	ethod: nt:					
Location Sour Improvement Source Revise Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To, Formation En	Location So Location Me ion Commen iment: and Bedrock rval r: n Material: p Depth: d Depth: d Depth: d Depth UO	ethod: nt: <u>.</u> M:	1 05 CLAY 0.0 6.0				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation To Formation E Formation E	op Depth: nd Depth: nd Depth UOM:	6.0 137.0 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Con		961508389			
Method Cons Method Cons	struction Code: struction:	1 Cable Tool			
	d Construction:				
Pipe Informa	<u>ition</u>				
Pipe ID:		10578993			
Casing No: Comment:		1			
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		930053494			
Layer: Material:		1 1			
Open Hole o	r Material:	STEEL			
Depth From:		20			
Depth To: Casing Diam	eter:	20 5			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	<u>n Record - Casing</u>				
Casing ID:		930053495			
Layer: Material:		2 4			
Open Hole o	r Material:	OPEN HOLE			
Depth From:		407			
Depth To: Casing Diam	eter:	137 5			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	lell Yield Testing				
Pump Test II		991508389			
Pump Set At Static Level:		12.0			
Final Level A	fter Pumping:	25.0			
Recommend Pumping Ra	ed Pump Depth:	6.0			
Flowing Rate		0.0			
Recommend	ed Pump Rate:	f4			
Levels UOM: Rate UOM:		ft GPM			
Water State	After Test Code:	1			
Water State A		CLEAR 1			
Pumping Du	ration HR:	1			
Pumping Du	ration MIN:	0 No			
Flowing:		No			

Map Key	Number Records		Elev/Diff (m)	Site	DE
Water Details					
Water ID: Layer: Kind Code: Kind:		933462873 2 1 FRESH 427 0			
Water Found D Water Found D		137.0 I: ft			
Water Details					
Water ID: Layer: Kind Code: Kind: Water Found D Water Found D		933462872 1 1 FRESH 90.0 I: ft			
<u>28</u>	1 of 4	E/147.3	79.9 / 0.00	DRMG Development Ltd. 1908 Carling Ave Ottawa ON K2A 1E7	СА
Certificate #: Application Ye Issue Date: Approval Type Status: Application Ty Client Name: Client Name: Client Address Client City: Client Postal C Project Descri Contaminants: Emission Cont	e: rpe: S: Code: ption: :	8066-8EQT4V 2011 3/14/2011 Municipal and Priv Approved	vate Sewage Works		
<u>28</u> 2	2 of 4	E/147.3	79.9 / 0.00	DRMG Development Ltd. 1908 Carling Ave Ottawa ON K2A 1E7	CA
Certificate #: Application Ye Issue Date: Approval Type Status: Application Ty Client Name: Client Name: Client Address Client Address Client City: Client Postal C Project Descri Contaminants: Emission Cont	e: rpe: S: Code: ption: :	8914-8FTHVY 2011 5/4/2011 Municipal and Priv Approved	vate Sewage Works		
<u>28</u>	3 of 4	E/147.3	79.9 / 0.00	DRMG Development Ltd. 1908 Carling Ave Ottawa ON K1V 2B2	ECA
Approval No: Approval Date	:	8914-8FTHVY 2011-05-04		MOE District: Ottawa City:	
88	erisinfo.co	m   Environmental Risk In	formation Services		Order No: 2107150022

	ords	Direction/ Distance (m	Elev/Diff ) (m)	Site		DI
Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full Address: Full PDF Link:		ECA-MUNICIPAL MUNICIPAL AND DRMG Developm 1908 Carling Ave			-75.759285 45.374744 0-8DRL93-14.pdf	
28 4 of 4		E/147.3	79.9 / 0.00	DRMG Development 1908 Carling Ave Ottawa ON K1V 2B2		ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type:	8066-8EC 2011-03-1 Approved ECA IDS Rideau Va	4 alley ECA-MUNICIPAL	AND PRIVATE SE		Ottawa -75.759285 45.374744	
Business Name: Address: Full Address:		DRMG Developm 1908 Carling Ave		JE WORKS	4-8DRKZD-14.pdf	
Project Type: Business Name: Address: Full Address: Full PDF Link: 29 1 of 2		DRMG Developm 1908 Carling Ave	ent Ltd.		4-8DRKZD-14.pdf	ww

# Additional Detail(s) (Map)

Well Completed Date:	
Year Completed:	
Depth (m):	
Latitude:	
Longitude:	

1953/01/23 1953 53.34 45.3734848096237 -75.7598738193002

	umber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Path:		150\1508387.pdf				
Bore Hole Inform	ation					
Bore Hole ID:	100304	421		Elevation:	80.486244	
DP2BR:	10.00			Elevrc:		
Spatial Status:				Zone:	18	
Code OB:	r			East83:	440500.70	
Code OB Desc:	Bedroo	ck .		North83:	5024722.00	
Open Hole:				Org CS:	-	
Cluster Kind:	22 lon	-1953 00:00:00		UTMRC:	5 margin of arror : 100 m 200 m	
Date Completed: Remarks:	25-Jan	1953 00.00.00		UTMRC Desc: Location Method:	margin of error : 100 m - 300 m p5	
Elevrc Desc:				Location method.	þa	
Location Source	Date:					
Improvement Loc						
Improvement Loc						
Source Revision						
Supplier Commer	nt:					
Overburden and I						
<u>Materials Interval</u>						
Formation ID:		931009551				
Layer:		1				
Color:						
General Color:		00				
Mat1: Most Common Ma	atorial:	09 MEDIUM SAND				
Mat2:	alenai.	11				
Mat2 Desc:		GRAVEL				
Mat3:		0.0				
Mat3 Desc:						
Formation Top De		0.0				
Formation End De		10.0				
Formation End De	epth UOM:	ft				
Overburden and I Materials Interval						
Formation ID:		931009552				
Layer:		2				
Color:		1				
General Color:		WHITE				
Mat1: Most Common M	atorial-					
Most Common Ma Mat2:	aterial:	LIMESTONE				
Matz: Mat2 Desc:						
Mat2 Desc. Mat3:						
Mat3 Desc:						
Formation Top De	epth:	10.0				
, Formation End De		175.0				
Formation End De		ft				
<u>Method of Constr</u> <u>Use</u>	uction & Well					
Method Construc	tion ID:	961508387				
Method Construc		1				
Method Construc		Cable Tool				
()they Method Co.	nstruction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe Informa			()		
Pipe ID: Casing No: Comment: Alt Name:		10578991 1			
<u>Construction</u>	n Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diam Casing Diam	eter: eter UOM:	930053491 2 4 OPEN HOLE 175 6 inch			
Casing Dept	h UOM:	ft			
<b>Construction</b>	n Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Depth Casing Depth	eter: eter UOM:	930053490 1 STEEL 18 6 inch ft			
<u>Results of W</u>	ell Yield Testing				
Recommend Pumping Rate Flowing Rate Recommend Levels UOM: Rate UOM:	: Ifter Pumping: ed Pump Depth: te: P: led Pump Rate: After Test Code: After Test: St Method: ration HR:	991508387 15.0 5.0 ft GPM 1 CLEAR 1 1 0 No			
Water Details	<u>S</u>				
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: l Depth UOM:	933462870 1 1 FRESH 65.0 ft			

29	2 o

2 of 2

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80.9/1.00

**WWIS** 

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Well ID:		1508392			Data Entry Status:		
Construction	Date:				Data Src:	1	
Primary Wate	er Use:	Domestic			Date Received:	1/30/1956	
Sec. Water U		0			Selected Flag:	True	
Final Well Sta	atus:	Water Supp	blv		Abandonment Rec:		
Water Type:			5		Contractor:	3701	
Casing Mater	rial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Construction	Method:				County:	ΟΤΤΑΨΑ	
Elevation (m)	):				Municipality:	OTTAWA CITY	
Elevation Rel					Site Info:		
Depth to Bed	•				Lot:		
Well Depth:					Concession:		
Overburden/l	Bedrock:				Concession Name:		
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\1508392.pdf

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

Well Completed Date:	1955/09/27
Year Completed:	1955
Depth (m):	60.96
Latitude:	45.3734848096237
Longitude:	-75.7598738193002
Path:	150\1508392.pdf

### Bore Hole Information

Bore Hole ID:	10030426	Elevation:	80.486244
DP2BR:	4.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	440500.70
Code OB Desc:	Bedrock	North83:	5024722.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	27-Sep-1955 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			

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

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

Formation ID:	931009561
Layer:	1
Color:	
General Color:	
Mat1:	06
Most Common Material:	SILT
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Formation End Formation End	d Depth:	0.0 4.0 ft			
<u>Overburden ar</u> Materials Inter					
Formation ID: Layer: Color:		931009562 2			
General Color: Mat1: Most Common Mat2:		15 LIMESTONE			
Mat2. Mat2 Desc: Mat3: Mat3 Desc:					
Formation Top Formation End Formation End	d Depth:	4.0 200.0 ft			
<u>Method of Cor</u> <u>Use</u>	struction & Well				
Method Const Method Const Method Const Other Method	ruction Code: ruction:	961508392 1 Cable Tool			
Pipe Information	<u>on</u>				
Pipe ID: Casing No: Comment: Alt Name:		10578996 1			
Construction I	Record - Casing				
Casing ID: Layer: Material:		930053501 2 4			
Open Hole or I Depth From: Depth To:	Material:	OPEN HOLE			
Casing Diamer Casing Diamer Casing Depth	ter UOM:	5 inch ft			
Construction I	Record - Casing				
Casing ID: Layer: Material: Open Hole or I	Material:	930053500 1 1 STEEL			
Depth From: Depth To: Casing Diamet Casing Diamet Casing Depth	ter UOM:	14 5 inch ft			

# Results of Well Yield Testing

Pump Test ID:         991508392           Pump Set At:         30.0           Static Level:         30.0           Final Level After Pumping:         70.0           Recommended Pump Depth:         Pumping Rate:           Pumping Rate:         5.0           Flowing Rate:         Recommended Pump Rate:           Levels UOM:         It           Reter UM:         GPM           Water State After Test Code:         1           Pumping Test Method:         1           Pumping Turation MIN:         0           Flowing:         No           Water Details         Water Details           Water Dot         1           Water Dot         1           Water Di:         933462879           Layer:         2           Kind:         FRESH           Water Dot:         1           Water Dot:         933462878           Layer:         1           Kind:         FRESH           Water Details         Water Dot           Water Dot:         933462878           Layer:         1           Kind:         FRESH           Water Found Depth UOM:         1	Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Level:       30.0         Final Level After Pumping:       70.0         Recommended Pump Depth:       5.0         Flowing Rate:       5.0         Recommended Pump Rate:       1         Levels UOM:       GPM         Water State After Test Code:       1         Pumping Test Method:       1         Pumping Test Method:       1         Pumping Duration MR:       0         Flowing:       No         Water State After Test:       0         Flowing:       No         Water State After Test:       0         Pumping Duration MN:       0         Flowing:       No         Water Details       Vater Details         Water Could Depth:       200.0         Water Found Depth:       200.0         Water Found Depth:       933462878         Layer:       1         Kind:       FRESH         Water Found Depth:       1         Water Found Depth:       100.0         Water Found Depth:       1         Kind:       FRESH         Water Found Depth:       1         Kind:       FRESH         Water Found Depth:       100.0	Pump Test IL	D:	991508392			
Final Level After Pumping:       70.0         Recommended Pump Depth:       5.0         Flowing Rate:       5.0         Recommended Pump Rate:       6         Levels UOM:       ft         Rate UOM:       GPM         Water State After Test Code:       1         Pumping Test Method:       1         Pumping Test Method:       1         Pumping Duration HR:       1         Pumping Duration MIN:       0         Flowing:       No         Water DetailS       Vater DetailS         Water Do:       933462879         Layer:       2         Kind Code:       1         Kind Code:       1         Water DetailS       Vater Details         Water To:       933462879         Layer:       2         Kind Code:       1         Kind Code:       1         Water Found Depth:       50.0         Water Do:       933462878         Layer:       1         Kind Code:       1         Kind Code:       1         Kind Code:       1         Kind Code:       1         Kind:       FRESH	Pump Set At	:				
Recommended Pump Depth: Pumping Rate: 5.0 Flowing Rate: 5.0 Flowing Rate: 6 Recommended Pump Rate: 6 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test Code: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water DetailS Water DetailS Water Found Depth: 200.0 Water Found Depth: 200.0 Water Found Depth: 150.0 Water Found Depth: 150.0						
Pumping Rate:       5.0         Flowing Rate:       Recommended Pump Rate:         Levels UOM:       ft         Rate UOM:       GPM         Water State After Test Code:       1         Pumping Test Method:       1         Pumping Duration HR:       1         Pumping Duration MIN:       0         Flowing:       No         Water DetailS       No         Water ID:       933462879         Layer:       2         Kind Code:       1         Kind:       FRESH         Water Found Depth:       200.0         Water ID:       933462878         Layer:       1         Kind Code:       1         Kind:       FRESH         Water Found Depth:       200.0         Water ID:       933462878         Layer:       1         Kind:       FRESH         Water Found Depth UOM:       1         Water ID:       933462878         Layer:       1         Kind:       FRESH         Water Found Depth UOM:       1         Water Found Depth:       150.0         Water Found Depth UOM:       tt			70.0			
Flowing Rate: Recommended Pump Rate: Levels UOM: t Rate UOM: GPM Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration MIN: 0 Flowing: No Water DetailS Water DetailS Water Found Depth: 200.0 Water Found Depth: 1 Water DetailS Water DetailS Water Found Depth: 200.0 Water Found Depth: 1 Water Found						
Recommended Pump Rate: Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration MR: 0 Flowing: No Water Details Water D: 933462879 Layer: 2 Kind Code: 1 Kind: FRESH Water Found Depth: 200.0 Water Found Depth: 1 Water D: 933462878 Layer: 1 Kind: FRESH Water D: 933462878 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 150.0 Water Found Depth: 150.0			5.0			
Levels UOM: ft Rate UOM: GPM Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration MIN: 0 Flowing: No Water DetailS Water DetailS Water ID: 933462879 Layer: 2 Kind Code: 1 Kind: FRESH Water Found Depth: 200.0 Water Found Depth UOM: ft Water D: 933462878 Layer: 1 Kind: FRESH Water Found Depth: 150.0 Water Found Depth: 150.0 Water Found Depth: 150.0 Water Found Depth UOM: ft						
Rate UOM:       GPM         Water State After Test Code:       1         Pumping Test Method:       1         Pumping Test Method:       1         Pumping Duration HR:       1         Pumping Juration HR:       0         Flowing:       No         Water Details       No         Water ID:       933462879         Layer:       2         Kind Code:       1         Kind:       FRESH         Water Found Depth:       200.0         Water ID:       933462878         Layer:       1         Kind:       FRESH         Water ID:       933462878         Layer:       1         Kind Code:       1         Kind:       FRESH         Water ID:       933462878         Layer:       1         Kind:       FRESH         Water ID:       933462878         Layer:       1         Kind:       FRESH         Water Found Depth:       150.0         Water Found Depth:       150.0         Water Found Depth:       150.0         Water Found Depth:       150.0         Water Found Depth:						
Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water Details Water ID: 933462879 Layer: 2 Kind Code: 1 Kind: FRESH Water Found Depth: 200.0 Water Found Depth: 000.0 Water Pound Depth: 1 Kind: FRESH Water ID: 933462878 Layer: 1 Kind Code: 1 Kind: FRESH Water ID: 933462878 Layer: 1 Kind: FRESH Water Found Depth: 150.0 Water Found Depth: 150.0 Wat						
Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No Water Details Water DC: 933462879 Layer: 2 Kind Code: 1 Kind: FRESH Water Found Depth: 200.0 Water Found Depth: 200.0 Water Pound Depth: Water Found Depth: 0 Water DE: 933462878 Layer: 1 Kind: FRESH Water DE: 933462878 Layer: 1 Kind: FRESH Water Found Depth: 150.0 Water Found Depth: 150.0 Water Found Depth: 150.0 Water Found Depth: 150.0			-			
Pumping Test Method:       1         Pumping Duration HR:       1         Pumping Duration HR:       0         Flowing:       No         Water Details			-			
Pumping Duration HR:       1         Pumping Duration MIN:       0         Flowing:       No         Water Details       Water ID:         Water ID:       933462879         Layer:       2         Kind Code:       1         Kind:       FRESH         Water Found Depth:       200.0         Water Details       Water Pound Depth:         Water Details       933462878         Layer:       1         Kind Code:       1         Kind:       FRESH         Water Found Depth:       150.0         Water Found Depth UOM:       tt         30       1 of 1       ENE(/151.7			-			
Pumping Duration MIN:         0           Flowing:         No           Water Details         Water ID:         933462879           Layer:         2         Kind Code:         1           Kind:         FRESH         Water Found Depth:         200.0           Water Found Depth UOM:         tt         Water Found Depth UOM:         tt           Water Found Depth UOM:         t         Eaver:         1           Water Found Depth UOM:         t         Eaver:         1           Water Found Depth UOM:         t         Eaver:         1           Water ID:         933462878         Eaver:         1           Layer:         1         50.0         Kind:         FRESH           Water Found Depth UOM:         t         78.9 / 4.00         78.9 / 4.00						
Flowing:       No         Water Details       Water ID:       933462879         Layer:       2         Kind Code:       1         Kind:       FRESH         Water Found Depth:       200.0         Water Details       Water Details         Water ID:       933462878         Layer:       1         Kind Code:       1         Kind Code:       1         Kind Code:       1         Kind:       FRESH         Water Found Depth       933462878         Layer:       1         Kind code:       1         Kind:       FRESH         Water Found Depth       150.0         Water Found Depth UOM:       t         20       1 of 1       FNE/151.7       78.9 / -1.00						
Water Details         Water ID:       933462879         Layer:       2         Kind Code:       1         Kind:       FRESH         Water Found Depth:       200.0         Water Found Depth UOM:       ft         Water Details       933462878         Layer:       1         Kind:       FRESH         Kind:       FRESH         Water Found Depth UOM:       ft         Water ID:       933462878         Layer:       1         Kind:       FRESH         Water Found Depth:       150.0         Water Found Depth       150.0         Water Found Depth UOM:       ft         20       1 of 1       FNE(151.7		ration MIN:				
Water ID:       933462879         Layer:       2         Kind Code:       1         Kind:       FRESH         Water Found Depth:       200.0         Water Found Depth UOM:       ft         Water Details       933462878         Layer:       1         Kind:       FRESH         Water ID:       933462878         Layer:       1         Kind:       FRESH         Water Found Depth:       1         Kind:       FRESH         Water Found Depth:       1         Kind:       FRESH         Water Found Depth:       150.0         Water Found Depth UOM:       ft	Flowing:		NO			
Layer:       2         Kind Code:       1         Kind:       FRESH         Water Found Depth:       200.0         Water Found Depth UOM:       ft         Water Details	Water Details	5				
Kind Code: 1   Kind: FRESH   Water Found Depth: 200.0   Water Found Depth UOM: t     Water Details   Water ID: 933462878   Layer: 1   Kind Code: 1   Kind: FRESH   Water Found Depth: 150.0   Water Found Depth UOM: t						
Kind: FRESH   Water Found Depth: 200.0   Water Found Depth UOM: ft     Water Details   Water ID: 933462878   Layer: 1   Kind Code: 1   Kind: FRESH   Water Found Depth: 150.0   Water Found Depth UOM: ft						
Water Found Depth:       200.0         Water Found Depth UOM:       ft         Water Details       933462878         Layer:       1         Kind Code:       1         Kind:       FRESH         Water Found Depth UOM:       150.0         Water Found Depth UOM:       ft         30       1 of 1						
Water Found Depth UOM:       ft         Water Details       933462878         Water ID:       933462878         Layer:       1         Kind Code:       1         Kind:       FRESH         Water Found Depth:       150.0         Water Found Depth UOM:       ft         30       1 of 1       ENE/151 Z       78.9 (-1.00						
Water Details         Water ID:       933462878         Layer:       1         Kind Code:       1         Kind:       FRESH         Water Found Depth:       150.0         Water Found Depth UOM:       ft         30       1 of 1						
Water ID:       933462878         Layer:       1         Kind Code:       1         Kind:       FRESH         Water Found Depth:       150.0         Water Found Depth UOM:       ft         30       1 of 1	Water Found	Depth UOM:	ft			
Layer:       1         Kind Code:       1         Kind:       FRESH         Water Found Depth:       150.0         Water Found Depth UOM:       ft         30         1 of 1       ENE/151 Z       78.9 /=1.00	Water Details	5				
Layer:       1         Kind Code:       1         Kind:       FRESH         Water Found Depth:       150.0         Water Found Depth UOM:       ft         30         1 of 1       ENE/151 Z       78.9 /=1.00	Water ID:		933462878			
Kind Code:       1         Kind:       FRESH         Water Found Depth:       150.0         Water Found Depth UOM:       ft         30         1 of 1         FNE/151 Z         78 9 /s1 00						
Water Found Depth: 150.0 Water Found Depth UOM: ft 30 1 of 1 ENE/151 7 78 9 (-1.00			1			
Water Found Depth UOM:         ft           30         1 of 1         ENE/151 7         78 9 /-1 00	Kind:		FRESH			
Water Found Depth UOM:         ft           30         1 of 1         ENE/151 Z         78 9 /-1 00	Water Found	Depth:	150.0			
30 1 of 1 ENE/151.7 78.9 / -1.00						
ON BO	<u>30</u>	1 of 1	ENE/151.7	78.9 / -1.00		BORE

<u> </u>		ON		BORE
Borehole ID:	612786	Inclin FLG:	No	
OGF ID:	215514092	SP Status:	Initial Entry	
Status:		Surv Elev:	No	
Type:	Borehole	Piezometer:	No	
Use:		Primary Name:		
Completion Date:		Municipality:		
Static Water Level:	8.6	Lot:		
Primary Water Use:		Township:		
Sec. Water Use:		Latitude DD:	45.375289	
Total Depth m:	-999	Longitude DD:	-75.759515	
Depth Ref:	Ground Surface	UTM Zone:	18	
Depth Elev:		Easting:	440531	
Drill Method:		Northing:	5024922	
Orig Ground Elev m:	77.7	Location Accuracy:		
Elev Reliabil Note:		Accuracy:	Not Applicable	
DEM Ground Elev m:	78.3	-		
Concession:				
Location D:				
Survey D:				
Comments:				

### Borehole Geology Stratum

Map Key	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Geology Stra Top Depth: Bottom Deptl Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material	h: r:	218392492 0 .6 Sand <b>n:</b>			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:		
Stratum Desc	ription:	5	SAND.				
Geology Stra Top Depth: Bottom Depth Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material	h: r:	218392494 2.4 Blue Bedrock Limestone	L		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Firm	
Stratum Desc			BEDROCK. GREY.	BLUE. SHALE. E	3ROWN. 0006600195 SANE	D. FIRM. BOULDERS. SILT. BEDROCK.	
Geology Stra Top Depth: Bottom Depth Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Desc	h: r: Descriptio		SCLAY.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:		
<u>Source</u>							
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name Source Detail Confiden 1:		1956-1972 H F	Survey of Canada Jrban Geology Auto File: OTTAWA2.txt I	RecordID: 05294	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G04E complete description of mater	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level rial and properties.	
Source List							
Source Identi Source Type: Source Date: Scale or Reso Source Name Source Origin	olution:		,		Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS)	NAD27 Mean Average Sea Level Universal Transverse Mercator	
<u>31</u>	1 of 1		S/156.9	81.9/2.00	ON		wwis
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater	er Use: se: atus:	1508486 Domestic 0 Water Sup	oly		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	1 4/1/1952 True 3725 1	

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N)	: iability: rock: Bedrock: Level:			Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	OTTAWA OTTAWA CITY
Flow Rate: Clear/Cloudy:				UTM Reliability:	
PDF URL (Ma	p):	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/download	s/2Water/Wells_pdfs/150\1508486.pdf
Additional De	etail(s) (Map)				
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:		1951/05/12 1951 20.1168 45.3724785823311 -75.7622868186418 150\1508486.pdf	i		
Bore Hole Infe	ormation				
Improvement	10.00 r c: Bedroo ted: 12-May rce Date: Location Source: Location Method: ion Comment:	k γ-1951 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	82.194778 18 440310.70 5024612.00 5 margin of error : 100 m - 300 m p5
<u>Overburden a</u> Materials Inte					
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat2 Desc:	r:	931009791 1 05 CLAY			
Mat3: Mat3 Desc: Formation To Formation En Formation En		0.0 10.0 ft			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock	n			

DB

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID	:	931009792			
Layer:		2			
Color:		1			
General Colo	r:	WHITE			
Mat1:		15			
Most Commo	n Material:	LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation To		10.0			
Formation En	nd Depth:	66.0			
Formation En	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	truction ID:	961508486			
	truction Code:	1			
Method Cons		Cable Tool			
Other Method	Construction:				
Pipe Informat	tion				
Pipe ID:		10579090			
Casing No:		1			
Comment:					
Alt Name:					
Construction	Record - Casing				
Casing ID:		930053683			
Layer:		1			
Material:		1			
Open Hole or	Material:	STEEL			
Depth From:					
Depth To:		20			
Casing Diame		4			
Casing Diame		inch			
Casing Depth	UOM:	ft			
<b>Construction</b>	Record - Casing				
Casing ID:		930053684			
Layer:		2			
Material:		4			
Open Hole or	Material:	OPEN HOLE			
Depth From:					
Depth To:		66			
	eter:	4			
Casing Diame					
Casing Diame Casing Diame		inch			

# Results of Well Yield Testing

Pump Test ID:	991508486
Pump Set At:	
Static Level:	8.0
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	

Мар Кеу	Number Records		Elev/Diff n) (m)	Site		DB
Flowing Rate:						
Recommende	d Pump Ra					
Levels UOM:		ft				
Rate UOM:		GPM				
Water State A		ode:				
Water State A						
Pumping Test						
Pumping Dura						
Pumping Dura	ation MIN:					
Flowing:		No				
Water Details						
Water ID:		933463006				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found		55.0				
Water Found	Depth UOM	l: ft				
32	1 of 1	NNW/157.8	78.2 / -1.67	S. 21		
<u></u>	1011	1111/10/10	10.2 / -1.07	1945 LAUDER STREE Ottawa ON K2A 1B2	T <unofficial></unofficial>	SPL
Ref No:		7686-5RFHUD		Discharger Report:	0.11	
Site No:		242/2222		Material Group:	Oil	
Incident Dt:		9/16/2003		Health/Env Conseq:		
Year:	_	Taulu (Ala Constanti		Client Type:	Others	
Incident Caus		Tank (Above Ground) Leal	K	Sector Type:	Other	
Incident Even		40		Agency Involved:		
Contaminant		13		Nearest Watercourse:		
Contaminant		FURNACE OIL		Site Address:		
Contaminant I				Site District Office:	Ottawa	
Contam Limit	-			Site Postal Code:	<b>–</b> (	
Contaminant		Net Automate d		Site Region:	Eastern	
Environment		Not Anticipated		Site Municipality:	Ottawa	
Nature of Imp		Groundwater Pollution; So	I Contamination	Site Lot:		
Receiving Me		Land & Water		Site Conc:		
Receiving Env				Northing:		
MOE Respons				Easting:		
Dt MOE Arvl o				Site Geo Ref Accu:		
MOE Reported		9/16/2003		Site Map Datum:		
Dt Document				SAC Action Class:	Spill to Land	
Incident Reas	on:	Unknown - Reason not det		Source Type:		
Site Name:		1945 LAUDER S	TREET <unoffici< td=""><td>IAL&gt;</td><td></td><td></td></unoffici<>	IAL>		
Site County/D						
Site Geo Ref I						
Incident Sumi			tank leak to natural	env'mt		
Contaminant	Qty:	other - see incide	ent description			
22	1 of 1	ESE/162.1	80.9 / 1.00			
<u>33</u>		LGL/102.1	00.97 1.00	ON		WWIS
Well ID:		1508142		Data Entry Status:		
Construction	Date:			Data Src:	8	
Primary Wate	r Use:	Domestic		Date Received:	9/7/1954	
Sec. Water Us		0		Selected Flag:	True	
Final Well Sta	tus:	Water Supply		Abandonment Rec:		
Water Type:				Contractor:	3725	
Casing Materi	ial:			Form Version:	1	
				Owner:		
Audit No: Tag:				Street Name:		

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		Ľ
Construction Elevation (m)	:				County: Municipality:	OTTAWA OTTAWA CITY	
Elevation Rel Depth to Bed					Site Info: Lot:		
Well Depth:					Concession:		
Overburden/E Pump Rate:	Bedrock:				Concession Name: Easting NAD83:		
Static Water L					Northing NAD83:		
Flowing (Y/N) Flow Rate: Clear/Cloudy:					Zone: UTM Reliability:		
PDF URL (Ma	p):		https://d2khazk8e83i	dv.cloudfront.ne	t/moe_mapping/downloads	s/2Water/Wells_pdfs/150\1508142.pdf	
Additional De	etail(s) (Map	)					
Well Complet			1953/07/27				
Year Complet	ted:		1953				
Depth (m): Latitude:			35.9664 45.3732130938717				
Longitude:			-75.7601256020732				
Path:			150\1508142.pdf				
Bore Hole Inf	ormation						
Bore Hole ID: DP2BR:		10030177 10.00	7		Elevation: Elevrc:	80.576293	
DP2BR: Spatial Status		10.00			Zone:	18	
Code OB:		r			East83:	440480.70	
Code OB Des	c:	Bedrock			North83:	5024692.00	
Open Hole:					Org CS:		
Cluster Kind:		07 1.1 40	50.00.00.00		UTMRC:	9	
Date Complet Remarks:	ea:	27-Jul-19	53 00:00:00		UTMRC Desc: Location Method:	unknown UTM p9	
Elevrc Desc:					Location method.	þð	
Location Sou	rce Date:						
Improvement							
Improvement							
Source Revis Supplier Com		ent:					
		<u>k</u>					
Materials Inte	·		931008909				
<u>Materials Inte</u> Formation ID: Layer:	Ŧ		931008909 1				
<u>Materials Inte</u> Formation ID: Layer: Color:							
<u>Materials Inte</u> Formation ID: Layer: Color: General Colo			1				
<u>Materials Inte</u> Formation ID: Layer: Color: General Colol Mat1:	r:		05				
Materials Inte Formation ID: Layer: Color: General Colo Mat1: Most Commo	r:		1				
Materials Inte Formation ID: Layer: Color: General Colo Mat1: Most Commo Mat2:	r:		05				
Materials Inte Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat2 Desc: Mat3:	r:		05				
Materials Inte Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc:	r: n Material:		1 05 CLAY				
Materials Inte Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To	r: n Material: p Depth:		1 05 CLAY 0.0				
Overburden a Materials Inte Formation ID: Layer: Color: General Colon Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En	r: n Material: p Depth: d Depth:	DM:	1 05 CLAY				
Materials Inte Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat3 Desc: Mat3 Desc: Formation To Formation En Formation En	r: n Material: p Depth: nd Depth: nd Depth UC nnd Bedrocl		1 05 CLAY 0.0 10.0				
Materials Inte Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	r: n Material: p Depth: id Depth: id Depth UC and Bedroci rval		1 05 CLAY 0.0 10.0				
Materials Inte Formation ID: Layer: Color: General Colon Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En Formation En <u>Overburden a</u> <u>Materials Inte</u>	r: n Material: p Depth: id Depth: id Depth UC and Bedroci rval		1 05 CLAY 0.0 10.0 ft				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color:		2			
General Colo Mat1:	or:	GREY 15			
Most Commo	on Material:	LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3: Mat3 Decei					
Mat3 Desc: Formation To	op Depth:	10.0			
Formation E	nd Depth:	118.0			
Formation E	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction ID: struction Code:	961508142 1			
Method Cons		Cable Tool			
	d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10578747			
Casing No:		1			
Comment:					
Alt Name:					
<u>Constructior</u>	<u>n Record - Casing</u>				
Casing ID:		930053015			
Layer:		2			
Material: Open Hole o	r Matarial:	4 OPEN HOLE			
Depth From:	r waterial:	OPEN HOLE			
Depth To:		118			
Casing Diam					
Casing Diam		inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930053014			
Layer:		1			
Material: Open Hole o	r Matarial:				
Depth From:					
Depth To:		20			
Casing Diam					
Casing Diam		inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test IL Pump Set At		991508142			
Static Level:		16.0			
Final Level A	fter Pumping:				
	ed Pump Depth:				
Pumping Rate	te:				
Recommend	ed Pump Rate:				
u	ca r ump nate.				

		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
	ft	:				
	G	3PM				
After Test C	Code:					
After Test:						
st Method:	1					
ration HR:	0					
ration MIN:	3	0				
	Ν	10				
5						
	9	33462534				
	1					
	1					
	F	RESH				
Depth:	1	16.0				
Depth UO	<b>M:</b> ft					
1 of 1		SE/165.4	80.9 / 1.00	lot 28 con 2 ON		WWIS
	1510600			Data Entry Status:		
Date:				Data Src:	1	
er Use:	Domestic			Date Received:	8/8/1951	
se:	0			Selected Flag:	True	
atus:	Water Sup	oly		Abandonment Rec:		
				Contractor:	3725	
rial:				Form Version:	1	
	Record After Test ( After Test: at Method: ration HR: ration MIN: Depth: Depth: Depth UO 1 of 1 1 of 1 1 of 1 0 Date: er Use: se: atus:	After Test Code: After Test: at Method: 1 ration HR: 0 ration MIN: 3 Popth: 1 1 of 1 1 of 1 1510600 1 Date: ar Use: Domestic Se: 0 atus: Water Supp	Records     Distance (m)       ft GPM       After Test Code: After Test: at Method:       After Test: at Method:       1       After Test:       atter Test: <td>Records     Distance (m)     (m)       ft     GPM       After Test Code:     GPM       After Test:     1       after Test:</td> <td>Records     Distance (m)     (m)       ft     GPM       After Test Code:       After Test Code:       After Test Code:       After Test Code:       after Test:       it Method:       1       ration HR:       0       ration MIN:       30       No       S       933462534       1       FRESH       Poepth:       116.0       Poepth:       116.0       Poepth:       116.0       Poepth:       116.0       Poepth:       116.0       Domestic       Domestic       Selected Flag:       Abandonment Rec:       Contractor:</td> <td>Records     Distance (m)     (m)       It     GPM       After Test:     GPM       After Test:     1       after Test:     0       after Test:     1       after Test:     0       bepth:     116.0       bepth:     116.0       bepth:     116.0       bepth:     116.0       bepth:     Data Entry Status:       bata Src:     1       after:     Domestic       after:     Date Received:       after:     0       after:     Date Received:       after:     0       after:     0       after:     0       after:     0       after:     0   <!--</td--></td>	Records     Distance (m)     (m)       ft     GPM       After Test Code:     GPM       After Test:     1       after Test:	Records     Distance (m)     (m)       ft     GPM       After Test Code:       After Test Code:       After Test Code:       After Test Code:       after Test:       it Method:       1       ration HR:       0       ration MIN:       30       No       S       933462534       1       FRESH       Poepth:       116.0       Poepth:       116.0       Poepth:       116.0       Poepth:       116.0       Poepth:       116.0       Domestic       Domestic       Selected Flag:       Abandonment Rec:       Contractor:	Records     Distance (m)     (m)       It     GPM       After Test:     GPM       After Test:     1       after Test:     0       after Test:     1       after Test:     0       bepth:     116.0       bepth:     116.0       bepth:     116.0       bepth:     116.0       bepth:     Data Entry Status:       bata Src:     1       after:     Domestic       after:     Date Received:       after:     0       after:     Date Received:       after:     0       after:     0       after:     0       after:     0       after:     0 </td

Flow Rate: Clear/Cloudy: PDF URL (Map):

Audit No:

Elevation (m):

Well Depth:

Pump Rate:

Flowing (Y/N):

Construction Method:

Elevation Reliability:

Overburden/Bedrock:

Depth to Bedrock:

Static Water Level:

Tag:

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/151\1510600.pdf

**Concession Name:** 

Easting NAD83:

Northing NAD83:

UTM Reliability:

Owner:

County:

Site Info:

Lot:

Zone:

Street Name:

Municipality:

Concession:

OTTAWA

028

02

OF

OTTAWA CITY (NEPEAN)

### Additional Detail(s) (Map)

1949/11/15 1949
18.288 45.3731222385028
-75.7602520955536 151\1510600.pdf

### Bore Hole Information

Bore Hole ID: DP2BR:	10032626 5.00	Elevation: Elevrc:	80.715354
Spatial Status:		Zone:	18
Code OB:	r	East83:	440470.70
Code OB Desc:	Bedrock	North83:	5024682.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Improvement	rce Date: Location Source: Location Method: ion Comment:	r-1949 00:00:00		UTMRC Desc: Location Method:	unknown UTM p9	
Overburden a Materials Inte						
Formation ID	:	931015334				
Layer:		1				
Color:	-					
General Colo Mat1:	r:	05				
Most Commo	n Mətorial:	CLAY				
Mat2: Mat2 Desc:	n material.	OL (I				
Mat3:						
Mat3 Desc: Formation To	n Denth:	0.0				
Formation En	nd Depth:	5.0				
	d Depth UOM:	ft				
Overburden a Materials Inte						
Formation ID	:	931015335				
Layer:		2				
Color:		3				
General Colo	r:	BLUE				
Mat1: Maat Commo	n Matarial.	17 SHALE				
Most Commo Mat2: Mat2 Desc: Mat3:	n materiai:	SHALE				
Mat3 Desc:						
Formation To	p Depth:	5.0				
Formation En	nd Depth:	60.0				
Formation En	d Depth UOM:	ft				
<u>Method of Co</u> <u>Use</u>	nstruction & Well					
Method Cons		961510600				
	truction Code:	1				
Method Cons Other Method	truction: I Construction:	Cable Tool				
Pipe Informat	tion					
Pipe ID:		10581196				
Casing No: Comment: Alt Name:		1				
Construction	Record - Casing					
		930057828				

Мар Кеу	Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Material:		1				
Open Hole o		STEEL				
Depth From:		15				
Depth To: Casing Diam	otor:	5				
Casing Diam		inch				
Casing Dept		ft				
<u>Construction</u>	n Record - Ca	ising				
Casing ID:		930057829				
Layer:		2				
Material:		4				
Open Hole o		OPEN HOLE				
Depth From:		60				
Depth To:	a ta r	60 F				
Casing Diam		5 inch				
Casing Diam Casing Dept		inch ft				
Casing Dept	11 00 <i>m</i> .	n				
<u>Results of W</u>	/ell Yield Tes	ting				
Pump Test II	D:	991510600				
Pump Set At						
Static Level:		10.0				
Final Level A	After Pumping	<b>g:</b> 15.0				
Recommend	led Pump De	oth:				
Pumping Ra						
Flowing Rate						
Recommend						
Levels UOM	:	ft				
Rate UOM:		GPM				
	After Test Co					
Water State		CLEAR				
Pumping Te		1				
Pumping Du						
Pumping Du	ration MIN:	N				
Flowing:		No				
Water Detail	<u>s</u>					
Water ID:		933465626				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found	d Depth:	55.0				
Water Found	Depth UOM	: ft				
<u>35</u>	1 of 1	SSW/170.0	81.9/2.00			WWIS
		4500.400		ON		
Well ID:		1508480		Data Entry Status:	4	
Construction		Domostia		Data Src:	1	
Primary Wat		Domestic		Date Received:	2/21/1951 Truo	
Sec. Water U Final Well St		0 Water Supply		Selected Flag:	True	
		Water Supply		Abandonment Rec: Contractor:	3725	
Water Type: Casing Mate				Form Version:	3725 1	
Audit No:				Owner:		
Tag:				Street Name:		
Tay. Construction	n Mathadi			Street Name.	ΟΤΤΑΙΜΑ	

County: Municipality:

Tag: Construction Method: Elevation (m):

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OTTAWA OTTAWA CITY

Map Key Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		Ľ
Elevation Reliability: Depth to Bedrock:				Site Info: Lot:		
Well Depth:				Concession:		
Overburden/Bedrock:				Concession Name:		
Pump Rate:				Easting NAD83:		
Static Water Level:				Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate: Clear/Cloudy:				UTM Reliability:		
PDF URL (Map):		https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/download	ls/2Water/Wells_pdfs/150\1508480.pdf	
Additional Detail(s) (Ma	<u>p)</u>					
Well Completed Date:		1950/12/02				
Year Completed:		1950				
Depth (m): Latitude:		22.5552 45.3723834607265				
Longitude:		-75.7630517946929				
Path:		150\1508480.pdf				
Bore Hole Information						
Bore Hole ID:	1003051	4		Elevation:	82.297309	
DP2BR:	8.00			Elevrc:	10	
Spatial Status:				Zone:	18	
Code OB: Code OB Desc:	r Bedrock			East83: North83:	440250.70 5024602.00	
Open Hole:	Deulock			Org CS:	5024002.00	
Cluster Kind:				UTMRC:	9	
Date Completed:	02-Dec-1	1950 00:00:00		UTMRC Desc:	unknown UTM	
Remarks:				Location Method:	p9	
Elevrc Desc:						
Location Source Date:						
Improvement Location						
Improvement Location						
Source Revision Comn Supplier Comment:	ient:					
Overburden and Bedro	<u>ck</u>					
Materials Interval						
Formation ID:		931009779 1				
Layer: Color:		1				
Color: General Color:						
Mat1:		02				
Most Common Material		TOPSOIL				
Mat2:	•	09				
Mat2 Desc:		MEDIUM SAND				
Mat3:						
Mat3 Desc:						
Formation Top Depth:		0.0				
Formation End Depth:		8.0				
Formation End Depth L	IOM:	ft				
	ck					
<u>Overburden and Bedro</u> Materials Interval						
Materials Interval	_	931009780				
<u>Materials Interval</u> Formation ID: Layer:		2				
<u>Materials Interval</u> Formation ID:						

	Distance (m)	(m)		
General Color:	GREY			
Mat1:	15			
Nost Common Material:	LIMESTONE			
Mat2:				
Mat2 Desc:				
Mat3:				
Mat3 Desc:	0.0			
Formation Top Depth:	8.0 74.0			
Formation End Depth: Formation End Depth UOM:	74.0 ft			
Formation End Depth OOM:	п			
Method of Construction & Well Use				
Method Construction ID:	961508480			
Method Construction Code:	1			
Method Construction: Other Method Construction:	Cable Tool			
Pipe Information				
Pipe ID:	10579084			
Casing No:	1			
Comment:				
Alt Name:				
Construction Record - Casing				
Casing ID:	930053672			
Layer:	2			
Material:	4			
Open Hole or Material:	OPEN HOLE			
Depth From:	74			
Depth To:	74			
Casing Diameter:	4			
Casing Diameter UOM:	inch			
Casing Depth UOM:	ft			
Construction Record - Casing				
Casing ID:	930053671			
Layer:	1			
Material:	1			
Open Hole or Material:	STEEL			
Depth From:				
Depth To:	17			
Casing Diameter:	4			
Casing Diameter UOM: Casing Depth UOM:	inch ft			
Results of Well Yield Testing	004508480			
Pump Test ID: Pump Sot At:	991508480			
Pump Set At: Static Level:	12.0			
Final Level After Pumping:	14.0			
Recommended Pump Depth:	י.די			
Pumping Rate:	8.0			
Flowing Rate:	5.0			
Recommended Pump Rate:				
Levels UOM:	ft			
Rate UOM:	GPM			
	ronmontal District	rmotion 0	_	Order No: 2107150022
105 ensinto.com   Envi	ronmental Risk Info	mation Service	5	Order NO. 2107 150022

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Water State A Water State A Pumping Tes Pumping Dui Pumping Dui Flowing:	After Test: st Method: ration HR:	ode:	1 CLEAR 1 0 30 No				
Water Details	<u>s</u>						
Water ID: Layer: Kind Code: Kind: Water Found Water Found		:	933462999 1 1 FRESH 32.0 ft				
<u>36</u>	1 of 1		ESE/174.2	80.9 / 1.00	ON		wwis
Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rei Depth to Bed Well Depth: Overburden// Pump Rate: Static Water Flowing (Y/N, Flow Rate: Clear/Cloudy PDF URL (Ma	er Use: Ise: iatus: rial: n Method: ): liability: drock: /Bedrock: /Bedrock: Level: !):	1508130 Domestic 0 Water Su	pply	3rdv.cloudfront.ne	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 9/10/1951 True 3718 1 OTTAWA OTTAWA CITY	df
Additional De		)	·		0		
Well Comple Year Comple Depth (m): Latitude: Longitude: Path:	ted Date:		1951/07/30 1951 40.5384 45.3736690666864 -75.759237727548 150\1508130.pdf				
Bore Hole Int	formation						
Bore Hole ID. DP2BR: Spatial Statu. Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks:	ıs: sc: :	10030165 5.00 r Bedrock 30-Jul-19	5 151 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: Location Method:	80.633850 18 440550.70 5024742.00 9 unknown UTM p9	

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Elevrc Desc:Location Source Date:Improvement Location Source:Improvement Location Method:Source Revision Comment:Supplier Comment:Supplier Comment:Supplier Comment:Supplier Comment:Overburden and Bedrock Materials IntervalFormation ID:931008881Layer:3Color:2General Color:Mat2:Mat2:Mat2:Mat3:Mat3 Desc:Formation End Depth:7.0Formation End Depth UOM:ttOverburden and Bedrock Materials IntervalFormation ID:931008880Layer:2Color:General Color:Mat1:17Most Common Material:SHALEMat2:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat1:Overburden and Bedrock Mat2:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat3:Mat2:Mat3:Mat3:Mat3	/ Elev/Diff S (m) (m)	ite Di
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Materials IntervalFormation ID:931008879Layer:1Color:3General Color:BLUEMat1:05Most Common Material:CLAYMat2:Mat2 Desc:Mat3:Formation Top Depth:Formation End Depth:5.0Formation End Depth UOM:ft		
Layer:1Color:3General Color:BLUEMat1:05Most Common Material:CLAYMat2:Mat2:Mat3:Formation Top Depth:Formation Top Depth:0.0Formation End Depth:5.0Formation End Depth UOM:ftMethod of Construction & Well		
Color:3General Color:BLUEMat1:05Most Common Material:CLAYMat2:Mat2Mat3:Formation Top Depth:Formation Top Depth:0.0Formation End Depth:5.0Formation End Depth UOM:ftMethod of Construction & Well		
General Color:BLUEMat1:05Most Common Material:CLAYMat2:0Mat3:0Mat3 Desc:0Formation Top Depth:0.0Formation End Depth:5.0Formation End Depth UOM:ftMethod of Construction & Well		
Mat1:05Most Common Material:CLAYMat2:CLAYMat2 Desc:0.0Mat3 Desc:0.0Formation Top Depth:0.0Formation End Depth:5.0Formation End Depth UOM:ftMethod of Construction & Well		
Most Common Material:CLAYMat2:Mat2 Desc:Mat3 Desc:Mat3 Desc:Formation Top Depth:0.0Formation End Depth:5.0Formation End Depth UOM:ftMethod of Construction & Well		
Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:0.0Formation End Depth:5.0Formation End Depth UOM:ft		
Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:0.0Formation End Depth:5.0Formation End Depth UOM:ftMethod of Construction & Well		
Mat3 Desc:Formation Top Depth:0.0Formation End Depth:5.0Formation End Depth UOM:ftMethod of Construction & Well		
Formation Top Depth:0.0Formation End Depth:5.0Formation End Depth UOM:ftMethod of Construction & Well		
Formation End Depth:5.0Formation End Depth UOM:ftMethod of Construction & Well		
Formation End Depth UOM: ft Method of Construction & Well		
<u>Use</u>		
Method Construction ID: 961508130		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D	в
Method Cons	truction Code: truction: I Construction:	1 Cable Tool				
<u>Pipe Informa</u>	tion					
Pipe ID: Casing No: Comment: Alt Name:		10578735 1				
Construction	Record - Casing					
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame	eter: eter UOM:	930052989 1 1 STEEL 15 4 inch				
Casing Depth	оом:	ft				
	Record - Casing					
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Diamo Casing Depth	eter: eter UOM:	930052990 2 4 OPEN HOLE 133 4 inch ft				
<u>Results of We</u>	ell Yield Testing					
Recommende Pumping Rat Flowing Rate Recommende Levels UOM: Rate UOM:	fter Pumping: ed Pump Depth: e: : ed Pump Rate: After Test Code: After Test: t Method: ation HR:	991508130 12.0 20.0 3.0 ft GPM 1 CLEAR 1 1 30 No				
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth UOM:	933462520 3 1 FRESH 128.0 ft				
108	erisinfo.com   En	vironmental Risk Info	rmation Service	S	Order No: 2107150022	7

# Water Details

Water ID:	933462519
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	102.0
Water Found Depth UOM:	ft

# Water Details

Water ID:	933462518
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80.0
Water Found Depth UOM:	ft

<u>37</u>	1 of 1	SW/191.0	80.9 / 1.00	ON		WWIS
Well ID: Construction Primary Wate Sec. Water Final Well S Water Type Casing Mate Audit No: Tag: Construction Elevation (I Elevation R Depth to Be Well Depth: Overburder Pump Rate. Static Wate Flowing (Y/ Flow Rate: Clear/Cloud	etter Use: Use: Status: erial: on Method: m): Peliability: edrock: : '/Bedrock: : '/Bedrock: : '/Bedrock: : '/Bedrock: '	1507991 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 11/21/1952 True 3725 1 OTTAWA OTTAWA CITY	

PDF URL (Map):

 $https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/150\1507991.pdf$ 

### Additional Detail(s) (Map)

Well Completed Date:	1952/10/13
Year Completed:	1952
Depth (m):	15.8496
Latitude:	45.372556214682
Longitude:	-75.764139647684
Path:	150\1507991.pdf

# Bore Hole Information

Bore Hole ID:	10030026	Elevation:	82.464462
DP2BR:	20.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	440165.70
Code OB Desc:	Bedrock	North83:	5024622.00
Open Hole:		Org CS:	

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Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Improvement	ted: 13-Oct- irce Date: t Location Source: t Location Method: sion Comment:	.1952 00:00:00		UTMRC: UTMRC Desc: Location Method:	9 unknown UTM p9	
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID Layer: Color: General Colo		931008548 2				
Mat1: Most Commo Mat2: Mat2 Desc: Mat3:		15 LIMESTONE				
Mat3 Desc: Formation To Formation Er Formation Er		20.0 52.0 ft				
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID Layer: Color: General Colo		931008547 1				
Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	on Material:	09 MEDIUM SAND				
Mat3 Desc: Formation To Formation Er Formation Er	pp Depth: nd Depth: nd Depth UOM:	0.0 20.0 ft				
<u>Method of Co</u> <u>Use</u>	onstruction & Well					
Method Cons	struction Code:	961507991 1 Cable Tool				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		10578596 1				
<u>Construction</u>	Record - Casing					

Casing ID:

930052708

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Layer: Material: Open Hole of Depth From: Depth To:		1 1 STEEL 22				
Casing Diam Casing Diam Casing Dept	eter UOM:	4 inch ft				
<b>Construction</b>	Record - Casi	ng				
Casing ID:		930052709				
Layer:		2				
Material: Open Hole o	r Material·	4 OPEN HOLE				
Depth From:		0. 1				
Depth To:		52				
Casing Diam		4				
Casing Diam		inch				
Casing Dept	h UOM:	ft				
Results of W	ell Yield Testin	g				
Pump Test IL		991507991				
Pump Set At Static Level:		25.0				
	fter Pumping:	30.0				
	ed Pump Depti					
Pumping Rat	te:	2.0				
Flowing Rate						
Recommend Levels UOM:	ed Pump Rate:					
Rate UOM:		ft GPM				
	After Test Code					
Water State	After Test:	CLEAR				
Pumping Tes		1				
Pumping Du		0				
Pumping Du	ration MIN:	45 No				
Flowing:		No				
Water Details	5					
Water ID:		933462309				
Layer:		1				
Kind Code:		1				
Kind:	Danéh	FRESH				
Water Found Water Found	Depth: Depth UOM:	51.0 ft				
38	1 of 1	ESE/197.7	81.9/2.00			
				ON		WWIS
Well ID:	15	08136		Data Entry Status:		
Construction				Data Src:	1	
Primary Water		omestic		Date Received:	4/3/1952 Truo	
Sec. Water U Final Well St		ater Supply		Selected Flag: Abandonment Rec:	True	
Water Type:	aius. VV	ator Suppry		Contractor:	5448	
Casing Mate	rial:			Form Version:	1	
Audit No:				Owner:		
Tag:				Street Name:	OTTANA	
Construction	Method:			County:	OTTAWA	

Map Key	Number of Records	f Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy.	iability: rock: Bedrock: Level: :			Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA CITY	
PDF URL (Ma	p):	https://d2khazk8e8	3rdv.cloudfront.ne	et/moe_mapping/download	s/2Water/Wells_pdfs/150\1508136.pdf	
Additional De	tail(s) (Map)					
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:		1952/03/03 1952 18.5928 45.373036056663 -75.759676243711 150\1508136.pdf				
Bore Hole Inf	ormation					
Improvement	5. c: Be ted: 03 rce Date: Location Sour Location Met ion Comment	hod:		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	81.199790 18 440515.70 5024672.00 9 unknown UTM p9	
<u>Overburden a</u> Materials Inte						
Formation ID. Layer: Color: General Colo. Mat1: Most Commo Mat2: Desc: Mat3: Desc: Formation To Formation En Formation En	r: n Material: p Depth:	931008896 1 09 MEDIUM SAND 05 CLAY 0.0 5.0 ft				
<u>Overburden a</u> Materials Inte						
Formation ID. Layer:	-	931008897 2				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:					
General Colo	or:				
Mat1:		15			
Most Commo	on Material:	LIMESTONE			
Mat2: Mat2 Decor					
Mat2 Desc: Mat3:					
Mats. Mats Desc:					
Formation Te	on Denth:	5.0			
Formation E		61.0			
	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Con		961508136			
	struction Code:	1			
Method Con		Cable Tool			
Other Metho	d Construction:				
<u>Pipe Informa</u>	<u>ntion</u>				
Pipe ID:		10578741			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		930053002			
Layer:		2			
Material:		4			
Open Hole o		OPEN HOLE			
Depth From:					
Depth To:		61			
Casing Diam		5			
Casing Diam		inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930053001			
Layer:		1			
Material:		1			
Open Hole o		STEEL			
Depth From:		00			
Depth To:	otor	20			
Casing Diam Casing Diam		5 inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	/ell Yield Testing				
Pump Test II	D:	991508136			
Pump Set At					
Static Level:		8.0			
	After Pumping:	15.0			
Recommend	led Pump Depth:				
Pumping Ra	te:	6.0			
Flowing Rate					
Recommend	led Pumn Rate				

Levels UOM:

Recommended Pump Rate:

ft

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Rate UOM:			GPM				
	After Test Co	ode:	1				
Water State	After Test:		CLEAR				
Pumping Te	st Method:		1				
Pumping Du			0				
Pumping Du			30				
Flowing:			No				
Water Detail	<u>'s</u>						
Water ID:			933462526				
Layer:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found	d Depth:		61.0				
	d Depth UOM	1:	ft				
<u>39</u>	1 of 1		E/197.8	79.9/0.00	818 RIDDELL AVENU OTTAWA ON K2A 2V		HINC
External File	Num:		FS INC 0807-0329	93			
Fuel Occurre	ence Type:		Pipeline Strike				
Date of Occu	urrence:		6/24/2008				
Fuel Type In	volved:		Natural Gas				
Status Desc.	:		Completed - Cause	al Analysis(End)			
Job Type De	esc:		Incident/Near-Miss				
Oper. Type I	nvolved:		Construction Site (	pipeline strike)			
Service Inter			Yes				
Property Dal			Yes				
Fuel Life Cy	cle Stage:		Transmission, Dist	tribution and Transp	portation		
Root Cause:				oment/Material/Con Human Factors:Y		es Maintenance:No Design	No Training:No
Reported De	etails:						
Fuel Catego			Gaseous Fuel				
Occurrence	Туре:		Incident				
Affiliation:			Industry Stakehold	ler (Licensee/Regis	tration/Certificate Holder, F	acility Owner, etc.)	
County Nam	ie:		Ottawa				
Approx. Qua	ant. Rel:						
Nearby body	of water:						
Enter Draina							
Approx. Qua Environmen	ant. Unit: tal Impact:						
	1 of 1		SSIM/201 0	91.0 / 3.00	lot 29 oc 2		
<u>40</u>	1 of 1		SSW/201.0	81.9/2.00	lot 28 con 2 ON		WWIS
Well ID: Constructio	n Date <sup>.</sup>	1510599			Data Entry Status: Data Src:	1	

Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	1/5/1950
Sec. Water Use:	0	Selected Flag:	True
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3725
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	028
Well Depth:		Concession:	02
Overburden/Bedrock:		Concession Name:	OF
Pump Rate:		Easting NAD83:	
-		C C	

	Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Static Water I Flowing (Y/N, Flow Rate: Clear/Cloudy	):				Northing NAD83: Zone: UTM Reliability:		
PDF URL (Ma	ıp):		https://d2khazk8e83i	rdv.cloudfront.net	/moe_mapping/download	s/2Water/Wells_pdfs/151\1510599.pdf	
Additional De	etail(s) (Map	)					
Well Complet Year Comple Depth (m): Latitude: Longitude: Path:			1949/12/27 1949 35.052 45.3720705742382 -75.7627283162743 151\1510599.pdf				
Bore Hole Inf	ormation						
Bore Hole ID. DP2BR: Spatial Statu. Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks:	s: sc:	10032625 5.00 r Bedrock 27-Dec-1	949 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	81.927070 18 440275.70 5024567.00 9 unknown UTM	
Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo	t Location So t Location M sion Comme nment: and Bedrock erval :	ethod: nt:	931015332 2 GREY 15		Location Method:	ρ9	
Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation Er Formation Er	t Location So t Location M sion Comment: and Bedrock erval erval : on Material: op Depth: nd Depth:	lethod: nt: <u>C</u>	2 2		Location Method:	μα.	
Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation Er	t Location So t Location M sion Comme nment: and Bedrock erval : on Material: on Material: on Depth: nd Depth: nd Depth UO and Bedrock	lethod: nt: C	2 2 GREY 15 LIMESTONE 5.0 65.0		Location Method:	β	

Mets: Pornation Top Depth: 65.0 Pormation End Depth: 115.0 Pormation End Depth: 115.0 Pormation End Depth: 000: 1 Pormation End Depth: 0 Pormation End Depth: 0 Pormation ID: 931015331 Layer: 1 General Color: General Color: General Color: Mat2: 1 Mat2: 1 Mat2: 1 Pormation Meterial: CLAY Mat2: 0 Mat2: 0 Mat2: 1 Pormation Top Depth: 0 Pormation End Depth: 0 Pormation En	Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth::       65.0         Formation End Depth::       115.0         Formation End Depth::       115.0         Formation End Depth::       931015331         Layor::       1         Color:       6         General Color:       6         Matterials Intercal       0         General Color:       6         Matt:       0         General Color:       0         Matt:       0         Formation Top Depth:       0.0         Method Construction All Mell       10         Used       0         Method Construction Code:       1         Cosing Din       10581195         Cosi						
Formation End Depth:       115.0         Formation End Depth UOM:       N         Attachable Internal       931015331         Layer:       1         Color:       General Color:         Matchable Internal       05         Matchable Internal       05         Golor:       General Color:         Matchable Internal:       05         Matchable Internal:       05         Matchable Internal:       06         Matchable Internal:       07         Formation End Depth UOM:       t         Method Construction Record:       5.0         Formation End Depth UOM:       t         Chable Tool       Coble Tool         Other Mathod Construction Color:       Cable Tool         Other Mathod Construction Record:       1         Construction Record:       1         Construction Record: <td></td> <td>on Donth:</td> <td>65.0</td> <td></td> <td></td> <td></td>		on Donth:	65.0			
Formation End Depth VOM:         t           Overbunden and Bedrock Materials Instruction         s           Overbunden and Bedrock Materials Instruction         s           Common Material:         0           Color:	Formation E	nd Depth:				
Materials Interval         931015331           Layer:         1           Color:         5           Matt:         05           Matt:         05           Matt:         07           Matt:         08           Matt:         09           Matt:         09           Matt:         01           Matt:         12           Matt:         12           Matt:         12           Pormation:         10           Porter do:         1           Porer do:         1           Po						
Materials Interval         931015331           Layer:         1           Color:         5           Matt:         05           Matt:         05           Matt:         07           Matt:         08           Matt:         09           Matt:         09           Matt:         01           Matt:         12           Matt:         12           Matt:         12           Pormation:         10           Porter do:         1           Porer do:         1           Po	<u>Overburden</u>	and Bedrock				
Layer:1General Color:						
Color:         Seneral Color:           Matt:         05           Matt:         09           Matz:         09           Matz:         09           Matz:         12           Matz:         12           Matz:         12           Matz:         12           Matz:         12           Formation Top Depth:         0.0           Formation End Depth UOM:         1           Method of Construction & Well         Lise           Method Construction Comment:         961510599           Method Construction Comment:         1           Method Construction:         Cable Tool           Other Method Construction:         Cable Tool           Other Method Construction:         Cable Tool           Other Method Construction:         10581195           Casing No:         1           Comment:         1           Art Mane:         1           Open Hole or Material:         1           Casing Dameter:	Formation ID	):				
General Color:UMat1:05Most Common Material:CLAYMat2:09Mat2 Desc:NEDUM SANDMat3:12Mat3 Desc:STONESFormation End Depth:5.0Formation End Depth:5.0Bethod Construction ID:961510599Method Construction:Cable ToolOther Method Construction:Cable ToolOther Method Construction:Cable ToolConsent:10581195Cossing No:10581195Cossing No:10581195Casing ID:990057826Layer:1Mataciai:1Open Hole of Materiai:STEELDepth Fron:5Casing Dameter:4Casing Dameter:1Casing Dameter:5Casing Dameter:1Casing Dameter:5Casing Dameter:4Casing Dameter:1Casing Dameter:4Casing Dameter:1Casing Dameter:1Casing Dameter:1Casing Dameter:1Casing Dameter:1Casing Dameter:4Casin			1			
Matti:05Most Common Material:CLAYMatz:09Matz:12Matz:12Mats:12Mats:12Mats:10Mats:50Formation Top Depth:0.0Formation End Depth:0.0Formation End Depth:0.0Method of Construction & Well.UseWethod Construction Set Well.Use961510599Method Construction Construction:Cable ToolOther Method Construction:10581195Casing No:1Comment:1At Name:1Open Hole or Material:STEELDepth Forn:5Casing Dameter:4Casing Diameter:5Casing Diameter:4Casing Diameter:900057827Layer:2Material:0PEN HOLEDepth Forn:105Casing Diameter:4Casing Diameter:4Casing Diameter:4Casing Diameter:115Casing Diameter:115Casing Diameter:4Casing Diameter:4Casing Diameter:4Casing Diameter:4 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
Most Common Material:     CLAY       Mat2:     09       Mat2:     09       Mat3:     12       Mat3 Desc:     STONES       Formation Top Depth:     0.0       Formation End Depth UOM:     t       Metbod Construction E Well     Stones       Wethod Construction Code:     1       Method Construction Code:     1       Wethod Construction:     Seli Tol       Pipe Information     Moss 100       Pipe ID:     10581195       Casing No:     1       Att Name:     Sou057826       Construction Record - Casing     Sou057826       Layer:     1       Open Hole or Material:     S       Stell     S       Construction Record - Casing     Sou057826       Layer:     1       Open Hole or Material:     1       Open Hole or Material:     S       Stell     Sou057827       Casing Diameter:     4       Casing Diameter:     2       Material:     1       Construction Record - Casing     Sou057827       Casing Diameter:     2       Material:     4       Open Hole or Material:     Y       Depth From:     2       Casing Diameter:     4 <td></td> <td>or:</td> <td>05</td> <td></td> <td></td> <td></td>		or:	05			
Matz     09       Matz Desc:     MEDIUM SAND       Matz Ses:     STONES       Formation Top Depth:     0.0       Formation End Depth:     5.0       Formation End Depth:     5.0       Formation End Depth:     5.0       Method of Construction & Well     Vell       Use     Vell       Method Construction Code:     1       Method Construction Code:     1       Method Construction Code:     1       Pipe Information     Cable Tool       Pipe ID:     10581195       Casing No:     1       Comment:     1       Alt Name:     1       Construction Record - Casing:     1       Open Hole or Material:     1       Casing Diameter:     4       Casing Diameter:     4       Casing Diameter:     2       Material:     1       Depth Form:     1       Depth Form:     1       Depth Form:     2       Casing Diameter:     4       Casing Diameter:     1       Casing Diameter:     1		on Material:				
Mats Desc:       2         Mats Desc:       STONES         Formation Top Depti:       0.0         Formation End Depti:       0.0         Mats Desc:       0         Pipe In:       0         Comment:       1         Ari Mame:       0         Comment:       1         Ari Manne:       0         Comstruction Record - Casing       0         Casing D:       0         Depti Forn:       1         Depti Forn:       1         Depti Forn:       1         Casing Diameter:       4         <						
Math Desc:       STONES         Formation Depth:       0         Formation End Depth:       5.0         Method Construction & Well.       Use         Method Construction Code:       1         Method Construction:       Cable Tool         Other Method Construction:       Cable Tool         Other Method Construction:       Cable Tool         Pipe Information       10581195         Casing No:       1         Comment:       Att Name:         Construction Record - Casing       Venture         Casing No:       1         Open Hole or Material:       STEEL         Open Hole or Material:       STEEL         Depth Forn:       5         Casing Diameter:       4         Casing Diameter:       4         Casing Diameter:       4         Casing Diameter:       2         Material:       4         Open Hole or Material:       OPEN HOLE         Depth Forn:       2         Material:       0PEN HOLE <td>Mat2 Desc:</td> <td></td> <td>MEDIUM SAND</td> <td></td> <td></td> <td></td>	Mat2 Desc:		MEDIUM SAND			
Formation Top Deptr:       0.0         Formation End Deptr:       0.0         Formation End Deptr:       0.0         Formation End Deptr:       0.0         Rethod Construction 8. Well       Use         Method Construction 0:       961510599         Method Construction Code:       1         Method Construction:       Cable Tool         Other Method Construction:       Cable Tool         Pipe Information       0581195         Casing No:       1         At Name:       Construction Record - Casing         Casing ID:       930057826         Layer:       1         Material:       STEEL         Depth For:       5         Casing ID:       930057826         Casing ID:       930057826         Casing ID:       5         Casing ID:       5         Casing ID:       5         Casing Diameter:       4         Casing Diameter:       4         Casing ID:       930057827         Casing ID:       930057827         Casing ID:       930057827         Casing ID:       930057827         Casing ID:       9         Depth For:       1 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Formation End Depth:       5.0         Formation End Depth UOM:       tt         Method Construction & Well		an Danthi				
Formation End Depth UOM:       t         Method of Construction & Well.       Jack Struction Code:         Method Construction Code:       1         Method Construction:       Cable Tool         Other Method Construction:       Cable Tool         Other Method Construction:       Cable Tool         Pipe Information       Cable Tool         Pipe Information       1         Comment:       1         Att Name:       Struction Record - Casing         Construction Record - Casing       Struction Record - Casing         Casing ID:       930057826         Layer:       1         Material:       1         Open Hole or Material:       STEEL         Depth From:       5         Casing Diameter:       4         Casing Diameter:       4<						
Method of Construction & Well.         Vational Construction Code:       1         Method Construction:       Cable Tool         Other Method Construction:       Cable Tool         Other Method Construction:       Cable Tool         Pipe Information       1         Pipe Information       1         Construction Record - Casing       1         Construction Record - Casing       1         Casing No:       1         Casing No:       1         Att Name:       1         Casing No:       1         Open Hole or Material:       STEEL         Paph From:       5         Depth From:       5         Casing Diameter:       4         Casing Diameter:       4      <						
Use         Method Construction Code:       1         Method Construction Code:       2         Method Construction Code:       1         Wethod Construction:       Cable Tool         Other Method Construction:       Cable Tool         Pipe Information       1         Pipe Information       1         Casing No:       1         Comment:       1         Aft Name:       1         Construction Record - Casing       1         Casing ID:       930057826         Layer:       1         Open Hole or Material:       1         Open Hole or Material:       1         Casing Dimeter:       4         Casing Dimeter:       2         Material:       4         Open Hole or Material:       4         Open Hole						
Method Construction Code:       1         Method Construction:       Cable Tool         Other Method Construction:       Cable Tool         Pipe Information       1         Pipe ID:       10581195         Casing No:       1         Comment:       1         Att Name:       1         Construction Record - Casing       1         Casing JD:       930057826         Layer:       1         Material:       1         Open Hole or Material:       1         Depth From:       5         Casing Diameter:       4         Queri Hole or Material:       4         Open Hole or Material:       0PEN HOLE<		onstruction & Well				
Method Construction:       Cable Tool         Pipe ID:       1         Casing No:       1         Comment:       4         Alt Name:       30057826         Layer:       1         Material:       STEEL         Depth From:       5         Casing Dameter:       4         Construction Record - Casing         Casing Dimeter:       1         Material:       STEEL         Depth From:       5         Casing Diameter:       4         Casing Diameter:       4         Open Hole or Material:       STEEL         Depth From:       5         Casing Diameter:       4         Casing Diameter:       4         Quer:       2         Material:       4         Open Hole or Material:       4     <	Method Cons	struction ID:	961510599			
Other Method Construction:         Pipe Information         Pipe ID:       10581195         Casing No:       1         Comment:       1         Alt Name:       1         Construction Record - Casing       930057826         Layer:       1         Material:       1         Open Hole or Material:       5         Depth From:       5         Casing Diameter:       4         Casing Diameter:       4         Casing Diameter:       930057827         Layer:       2         Material:       4         Open Hole or Material:       930057827         Layer:       2         Material:       4         Open Hole or Material:       0PEN HOLE         Depth For:       2         Casing Diameter:       4         Open Hole or Material:       0PEN HOLE         Depth For:       115         Casing Diameter:       4         Open Hole or Material:       4         Open Hole or Material:       4         Open Hole or Material:       0PEN HOLE         Depth For:       115         Casing Diameter UOM:       inch	Method Cons	struction Code:				
Pipe Information         Pipe ID:       10581195         Casing No:       1         Comment:       3         Att Name:			Cable Tool			
Pipe ID:       10581195         Casing No:       1         Comment:       1         Alt Name:       1         Construction Record - Casing       1         Casing ID:       930057826         Layer:       1         Material:       1         Open Hole or Material:       STEEL         Depth From:       5         Casing Diameter:       4         Casing Diameter UOM:       inch         Casing Diameter UOM:       inch         Casing Diameter UOM:       4         Casing Diameter:       4         Open Hole or Material:       930057827         Layer:       2         Material:       4         Open Hole or Material:       0PEN HOLE         Depth From:       2         Material:       4         Open Hole or Material:       0PEN HOLE         Depth From:       1         Depth From:       1         Depth From:       1         Casing Diameter:       4         Casing Diameter:       4         Casing Diameter:       4         Casing Diameter:       4         Casing Diameter:       4 <td>Other Metho</td> <td>d Construction:</td> <td></td> <td></td> <td></td> <td></td>	Other Metho	d Construction:				
Casing No:       1         Comment:       1         Alt Name:       1         Construction Record - Casing       1         Casing ID:       930057826         Layer:       1         Material:       1         Open Hole or Material:       STEEL         Depth From:	<u>Pipe Informa</u>	<u>tion</u>				
Comment:       Alt Name:         Alt Name:       Superial State	Pipe ID:		10581195			
Alt Name:         Construction Record - Casing         Casing JD:       930057826         Layer:       1         Material:       1         Open Hole or Material:       5         Depth From:       -         Depth To:       5         Casing Diameter UOM:       inch         Casing Diameter UOM:       it         V       -         Construction Record - Casing       -         Casing Diameter UOM:       t         V       -         Casing Diameter UOM:       inch         Casing Diameter UOM:       t         V       -         Casing Diameter UOM:       1         V       -         Casing Diameter UOM:       1         Casing Diameter UOM:       -         Diper Hole or Material:       4         Open Hole or Material:       4 <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td>			1			
Construction Record - CasingCasing JD:930057826Layer:1Material:1Open Hole or Material:STEELDepth From:5Casing Diameter:4Casing Diameter:4Casing Diameter:1VInchCasing Depth UOM:tK1Construction Record - CasingV930057827Layer:2Material:4Open Hole or Material:OPEN HOLEDepth To:115Casing Diameter:4Casing Diameter:4Casing Diameter:4Casing Diameter:4Construction Record - Casing:0PEN HOLEDepth To:115Casing Diameter:4Casing Diameter:4<						
Casing ID:930057826Layer:1Material:1Open Hole or Material:STEELDepth From:-Zasing Diameter:4Casing Diameter:4Casing Depth UOM:inchCasing Depth UOM:tK-Construction Record - CasingMaterial:930057827Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:2Casing Diameter:4Casing Diameter:4	Alt Name:					
Layer:1Material:1Open Hole or Material:STEELDepth From:-Depth To:5Casing Diameter:4Casing Diameter UOM:inchCasing Depth UOM:tK-Construction Record - Casing930057827Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:-Depth To:115Casing Diameter:4Casing Diameter:	<u>Construction</u>	n Record - Casing				
Material:1Open Hole or Material:STEELDepth From:-Depth To:5Casing Diameter:4Casing Diameter UOM:inchCasing Depth UOM:tConstruction Record - Casing-Construction Record - Casing-Casing ID:930057827Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:-Depth From:-Depth To:115Casing Diameter:4Casing Diameter:4 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td></th<>						
Open Hole or Material:STEELDepth From:Image: SteelDepth To:5Casing Diameter:4Casing Diameter UOM:inchCasing Depth UOM:ifConstruction Record - CasingSteelConstruction Record - CasingV930057827Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:Image: SteelDepth From:Image: SteelDepth From:Image: SteelDepth From:Image: SteelCasing Diameter:4Casing Diameter:4 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td></th<>						
Depth From:5Depth To:5Casing Diameter:4Casing Diameter UOM:inchCasing Depth UOM:ftConstruction Record - CasingConstruction Record - CasingVConstruction Record - CasingPayon Diameterial:930057827Layer:2Material:0 PEN HOLEDepth From:Depth To:115Casing Diameter:4Casing Diameter UOM:inch		r Mətorial:				
Depth To:5Casing Diameter:4Casing Diameter UOM:inchCasing Depth UOM:ftConstruction Record - CasingValueConstruction Record - CasingValueValueValueOpen Hole or Aaterial:OPEN HOLEDepth To:115Casing Diameter:44Casing Diameter:4Casing Diameter:4Casing Diameter:4Casing Diameter:4Casing Diameter:4ValueValue			SILL			
Casing Diameter:4Casing Diameter UOM:inchCasing Depth UOM:ftConstruction Record - CasingConstruction Record - CasingCasing ID:930057827Layer:2Material:4Open Hole or Material:0PEN HOLEDepth From:Depth To:115Casing Diameter:4Casing Diameter:4Casing Diameter:115Casing Diameter:4			5			
Casing Depth UOM:       ft         Construction Record - Casing         Construction Record - Casing         Casing ID:       930057827         Layer:       2         Material:       4         Open Hole or Material:       0PEN HOLE         Depth From:       UPEN HOLE         Depth To:       115         Casing Diameter:       4         Casing Diameter UOM:       inch	Casing Diam	eter:	4			
Construction Record - CasingCasing ID:930057827Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:						
Casing ID:930057827Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:115Casing Diameter:4Casing Diameter UOM:inch	Casing Dept	h UOM:	π			
Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:115Casing Diameter:4Casing Diameter UOM:inch	<u>Construction</u>	<u>n Record - Casing</u>				
Material:     4       Open Hole or Material:     OPEN HOLE       Depth From:     115       Casing Diameter:     4       Casing Diameter UOM:     inch			930057827			
Open Hole or Material:     OPEN HOLE       Depth From:     I15       Casing Diameter:     4       Casing Diameter UOM:     inch	Layer:					
Depth From:       115         Depth To:       115         Casing Diameter:       4         Casing Diameter UOM:       inch		* Motori-1-				
Depth To:     115       Casing Diameter:     4       Casing Diameter UOM:     inch			UPEN HULE			
Casing Diameter:     4       Casing Diameter UOM:     inch			115			
Casing Diameter UOM: inch		eter:				
Casing Depth UOM: ft	Casing Diam	eter UOM:				
	Casing Dept	h UOM:	ft			

Мар Кеу	Number o Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Results of We	II Yield Test	ting					
Pump Test ID: Pump Set At:			991510599				
Static Level:			0.0				
Final Level Af	ter Pumping	y:	0.0				
Recommende		oth:					
Pumping Rate Flowing Rate: Recommende		e:	6.0				
Levels UOM:			ft				
Rate UOM:			GPM				
Water State A		de:	1				
Water State A			CLEAR				
Pumping Test			1				
Pumping Dura Pumping Dura			0 30				
Flowing:			No				
-lowing.			NO				
Water Details							
Water ID:			933465625				
Layer:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found I			110.0 #				
Water Found I	Depth UOW:		ft				
<u>41</u>	1 of 2		E/203.4	79.9 / 0.00	ON		wwis
Well ID:		1508791			Data Entry Status:		
Construction					Data Src:	1	
Primary Water		Domestic	C		Date Received:	2/21/1951	
Sec. Water Us		0			Selected Flag:	True	
Final Well Star	tus:	Water Su	lpbly		Abandonment Rec: Contractor:	3725	
Water Type:							
Cocing Motori	<u>.</u>						
-	al:				Form Version:	1	
Audit No:	al:				Form Version: Owner:		
Audit No: Tag:					Form Version:		
Audit No: Tag: Construction	Method:				Form Version: Owner: Street Name:	1	
Audit No: Tag: Construction Elevation (m):	Method:				Form Version: Owner: Street Name: County:	1 OTTAWA	
Audit No: Tag: Construction I Elevation (m): Elevation Relia Depth to Bedr	Method: ability:				Form Version: Owner: Street Name: County: Municipality:	1 OTTAWA	
Audit No: Tag: Construction I Elevation (m): Elevation Reli Depth to Bedr Well Depth:	Method: ability: ock:				Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession:	1 OTTAWA	
Audit No: Tag: Construction I Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B	Method: ability: ock:				Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name:	1 OTTAWA	
Audit No: Tag: Construction I Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate:	Method: ability: ock: edrock:				Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83:	1 OTTAWA	
Audit No: Tag: Construction I Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L	Method: ability: ock: edrock: evel:				Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:	1 OTTAWA	
Audit No: Tag: Construction I Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N):	Method: ability: ock: edrock: evel:				Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	1 OTTAWA	
Casing Materi Audit No: Tag: Construction E Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:	Method: ability: ock: edrock: evel:				Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:	1 OTTAWA	
Audit No: Tag: Construction I Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate:	Method: ability: ock: edrock: evel:		https://d2khazk8e83	srdv.cloudfront.ne	Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 OTTAWA	
Audit No: Tag: Construction I Elevation Relia Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map	Method: ability: ock: eedrock: evel:		https://d2khazk8e83	3rdv.cloudfront.ne	Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 OTTAWA OTTAWA CITY	
Audit No: Tag: Construction I Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Additional Det	Method: ability: ock: eevel: o): tail(s) (Map)			rdv.cloudfront.ne	Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 OTTAWA OTTAWA CITY	
Audit No: Tag: Construction I Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Additional Del Well Complete	Method: ability: ock: eevel: o): t <u>ail(s) (Map)</u> ed Date:		1951/02/05	rdv.cloudfront.ne	Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 OTTAWA OTTAWA CITY	
Audit No: Tag: Construction I Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Additional Def Well Complete Year Complete	Method: ability: ock: eevel: o): t <u>ail(s) (Map)</u> ed Date:		1951/02/05 1951	rdv.cloudfront.ne	Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 OTTAWA OTTAWA CITY	
Audit No: Tag: Construction (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Additional Det Well Complete Year Complete Depth (m):	Method: ability: ock: eevel: o): t <u>ail(s) (Map)</u> ed Date:		1951/02/05	3rdv.cloudfront.ne	Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 OTTAWA OTTAWA CITY	
Audit No: Tag: Construction (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:	Method: ability: ock: eevel: o): t <u>ail(s) (Map)</u> ed Date:		1951/02/05 1951 29.8704		Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 OTTAWA OTTAWA CITY	

### Bore Hole Information

Bore Hole ID: DP2BR:	10030825 8.00	Elevation: Elevrc:	79.422187
Spatial Status:		Zone:	18
Code OB:	r	East83:	440605.70
Code OB Desc:	Bedrock	North83:	5024852.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	05-Feb-1951 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date	e:		
Improvement Locatio	on Source:		

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

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID: Layer:	931010601 1
Color: General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2: Mat2 Desc:	
Mat3:	
Mat3 Desc: Formation Top Depth:	0.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931010603 3 2 GREY 15 LIMESTONE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	8.0 98.0 ft

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

931010602
2
3
BLUE
05
CLAY

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Mat2: Mat2 Desc: Mat3:					
Mat3 Desc:	5 4	4.0			
Formation Te Formation El		4.0 8.0			
	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons	struction ID:	961508791			
	struction Code:	1			
Method Cons Other Metho	struction: d Construction:	Cable Tool			
Pipe Informa	<u>tion</u>				
Pipe ID:		10579395			
Casing No:		1			
Comment: Alt Name:					
Constructior	n Record - Casing				
Casing ID:		930054282			
Layer: Material:		1			
Open Hole o	r Material:	STEEL			
Depth From:		10			
Depth To: Casing Diam	otor.	16 4			
Casing Diam		inch			
Casing Dept	h UOM:	ft			
<u>Constructior</u>	<u>n Record - Casing</u>				
Casing ID:		930054283			
Layer: Material:		2 4			
Open Hole of Depth From:		OPEN HOLE			
Depth To:		98			
Casing Diam Casing Diam		4 inch			
Casing Dept		ft			
	all Viold Tooting				
Results of W	<u>en riela resting</u>				
Pump Test IL	D:	991508791			
Pump Test II Pump Set At	D: :	991508791 12.0			
Pump Test II Pump Set At Static Level: Final Level A	D: : .fter Pumping:				
Pump Test II Pump Set At Static Level: Final Level A Recommend	D: : .fter Pumping: /ed Pump Depth:	12.0 14.0			
Pump Test II Pump Set At Static Level: Final Level A Recommend Pumping Rat	D: : .fter Pumping: led Pump Depth: te:	12.0			
Pump Test IL Pump Set At Static Level: Final Level A Recommend Pumping Rate Flowing Rate Recommend	D: : fter Pumping: led Pump Depth: te: 2: led Pump Rate:	12.0 14.0 6.0			
Pump Test IL Pump Set At Static Level: Final Level A Recommend Pumping Rate Flowing Rate Recommend Levels UOM:	D: : fter Pumping: led Pump Depth: te: 2: led Pump Rate:	12.0 14.0 6.0 ft			
Recommend Pumping Rat Flowing Rate Recommend Levels UOM: Rate UOM:	D: : fter Pumping: ed Pump Depth: te: : ed Pump Rate:	12.0 14.0 6.0 ft GPM			
Pump Test IL Pump Set At Static Level: Final Level A Recommend Pumping Rate Flowing Rate Recommend Levels UOM: Rate UOM:	D: ifter Pumping: led Pump Depth: te: led Pump Rate: After Test Code:	12.0 14.0 6.0 ft			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Pumping Dur Pumping Dur Flowing:		0 20 No				
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found Water Found		933463465 1 1 FRESH 40.0 ft				
<u>41</u>	2 of 2	E/203.4	79.9 / 0.00	ON		www
Well ID: Construction Primary Wate Sec. Water U: Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/H Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy. PDF URL (Ma	Date: r Use: Do se: 0 ntus: Wa ial: Method: : iability: rock: Bedrock: - evel: : :	08793 mestic ater Supply https://d2khazk8e4	83rdv.cloudfront.ne	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 10/15/1951 True 5448 1 OTTAWA OTTAWA OTTAWA CITY /2Water/Wells_pdfs/150\1508793.p	df
Additional De Well Complet Year Complet Depth (m): Latitude: Longitude: Path:	ed Date:	1951/08/02 1951 30.48 45.374663793308 -75.758548611093 150\1508793.pdf				
Bore Hole Inf	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou	8.0 c: r ted: 02-	030827 10 drock -Aug-1951 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	79.422187 18 440605.70 5024852.00 9 unknown UTM p9	

Location Method: on Comment: ment: <u>nd Bedrock</u> <u>val</u> : n Material: o Depth:	931010607 2 15 LIMESTONE				
r <u>val</u> : n Material: o Depth:	2 15				
n Material: o Depth:	2 15				
o Depth:					
Depth:					
d Depth UOM:	8.0 100.0 ft				
<u>nd Bedrock</u> <u>val</u>					
	931010606 1				
: n Material:	05 CLAY				
o Depth: d Depth: d Depth UOM:	0.0 8.0 ft				
nstruction & Well					
ruction ID: ruction Code: ruction: Construction:	961508793 1 Cable Tool				
<u>on</u>					
	10579397 1				
Record - Casing					
Material:	930054287 2 4 OPEN HOLE 100				
	d Depth: d Depth UOM: ad Bedrock val a Material: a Material: b Depth: d Depth: d Depth: d Depth: d Depth UOM: astruction & Well ruction ID: ruction Code: ruction: Construction: On Record - Casing	I Depth:       100.0         I Depth UOM:       ft         Ind Bedrock.       931010606         Val       931010606         I       05         I Material:       05         O Depth:       0.0         I Depth:       8.0         I Depth       0.0         I Depth:       8.0         I Depth UOM:       ft         Instruction & Well       961508793         I ruction Code:       1         ruction Code:       1         ruction:       261508793         I Depth UOM:       1         Secord - Casing       10579397         Record - Casing       9300054287         Vaterial:       0PEN HOLE         100       100	I Depth:       100.0         I Depth UOM:       ft         Ind Bedrock.       931010606         Image: Structure in the image: Structu	Meepth:       100.0         Meepth UOM:       ft         Id Bedrock.       931010606         1       1         931010606       1         1       1         Image: Second - Casing       961508793         105       105         105       105         105       105         105       961508793         Instruction ID:       961508793         Instruction Code:       1         1       10579397         1       10579397         1       10579397         1       930054287         2       4         Material:       OPEN HOLE         100       100	I Depth:       100.0         I Depth UOM:       tt         Ind Bedrock.       931010606         1       1         9 Material:       05         I Depth:       0.0         I Depth:       0.0         I Depth:       8.0         I Depth:       10         Secord - Casing       990054287         2       4         Vaterial:       OPEN HOLE         100       100

Map Key	Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing Diam Casing Depth		inch ft				
<u>Construction</u>	n Record - Cá	asing				
Casing ID:		930054286				
Layer:		1				
Material:		1				
Open Hole or	r Material:	STEEL				
Depth From:		10				
Depth To:	o.10 **	12 5				
Casing Diam Casing Diam		inch				
Casing Depth		ft				
Results of W	ell Yield Tes	ting				
Pump Test ID	):	991508793				
Pump Set At:						
Static Level:		10.0				
Final Level A						
Recommende						
Pumping Rat Flowing Rate		7.0				
Recommende		to -				
Levels UOM:		ft				
Rate UOM:		GPM				
Water State A	After Test Co	ode: 1				
Water State A		CLEAR				
Pumping Tes		1				
Pumping Dur		0 30				
Pumping Dur Flowing:		No				
Water Details	5					
Water ID:		933463467				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found		100.0				
Water Found	Depth UOM	: ft				
<u>42</u>	1 of 1	SSE/205.0	81.9/2.00	ON		wwis
Well ID:		1508460		Data Entry Status:		
Construction				Data Src:	1	
Primary Wate	er Use:	Domestic		Date Received:	1/5/1951	
Sec. Water U		0		Selected Flag:	True	
Final Well Sta	atus:	Water Supply		Abandonment Rec:	2500	
Water Type: Casing Mater	rial·			Contractor: Form Version:	3566 1	
Casing Mater Audit No:	iai.			Owner:	I	
Tag:				Street Name:		
Construction	Method:			County:	OTTAWA	
001130 00001				Municipality:	OTTAWA CITY	
Elevation (m)				Site Info:		
Elevation (m) Elevation Rel						
Elevation (m) Elevation Rel Depth to Bed				Lot:		
Elevation (m) Elevation Rel Depth to Bed Well Depth:	lrock:			Concession:		
Elevation (m) Elevation Rel Depth to Bed	lrock:					

Order No: 21071500227

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy:	:			Northing NAD83: Zone: UTM Reliability:		
PDF URL (Ma		https://d2khazk8e83	rdv.cloudfront.ne	t/moe_mapping/download	ds/2Water/Wells_pdfs/150\1508460.pdf	
Additional De	tail(s) (Map)					
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:	ed Date:	1950/11/24 1950 39.9288 45.3723975179331 -75.7609447847908 150\1508460.pdf				
Bore Hole Inf	ormation					
Improvement	7.00 c: F c: Bedra red: 24-Na rce Date: Location Source Location Method ion Comment:	ock ov-1950 00:00:00 <b>::</b>		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	81.883590 18 440415.70 5024602.00 5 margin of error : 100 m - 300 m p5	
<u>Overburden a</u> Materials Inte						
Formation ID: Layer: Color: General Color		931009724 2				
Mat1: Most Commo Mat2: Mat2 Desc: Mat3:		06 SILT				
Mat3 Desc: Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	2.0 7.0 ft				
<u>Overburden a</u> Materials Inte						
		931009725 3				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3: Mat3 Desc: Formation To Formation En Formation En	op Depth: nd Depth: nd Depth UOM:	7.0 131.0 ft			
<u>Overburden</u> Materials Inte	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc:	or:	931009723 1 01 FILL			
Mat3: Mat3 Desc: Formation To Formation El Formation El	op Depth: nd Depth: nd Depth UOM:	0.0 2.0 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	961508460 1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10579064 1			
<u>Constructior</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:	930053633 1 STEEL 17 4 inch ft			
<u>Results of W</u>	ell Yield Testing				
Recommend Pumping Rate Flowing Rate	: fter Pumping: ed Pump Depth: te:	991508460 2.0 20.0 9.0			
Levels UOM: Rate UOM:		ft GPM			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
	fter Test Code					
Water State A		CLEAR				
Pumping Tes	t Method:	1				
Pumping Dur		1				
Pumping Dur	ation MIN:	0				
Flowing:		No				
Water Details						
Water ID:		933462969				
Layer:		2				
Kind Code:		1				
Kind:		FRESH				
Water Found	Depth:	90.0				
Water Found		ft				
Water Details						
Water ID:		933462970				
Layer:		3				
Kind Code:		1				
Kind:		FRESH				
Water Found	Depth:	125.0				
Water Found		ft				
Water Details						
Water ID:		933462968				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found	Denth:	70.0				
Water Found		ft				
Water Details						
Water ID:		933462971				
		4				
Layer: Kind Code:		4				
		FRESH				
Kind: Watar Farmal	Damtha	-				
Water Found Water Found		131.0 ft				
<u>43</u>	1 of 1	SSW/205.7	81.9/2.00	ON		wwis
Well ID:		)8481		Data Entry Status:		
Construction				Data Src:	1	
Primary Wate		mestic		Date Received:	2/21/1951	
Sec. Water Us				Selected Flag:	True	
Final Well Sta	tus: Wa	ter Supply		Abandonment Rec:		
Water Type:				Contractor:	3725	
Casing Mater	ial:			Form Version:	1	
Audit No:				Owner:		
Tag:				Street Name:		
Construction	Method:			County:	OTTAWA	
Elevation (m)				Municipality:	OTTAWA CITY	
Elevation Rel				Site Info:		
Depth to Bed				Lot:		
				Concession:		
Well Depth:	Podrock.					
vven Deptn: Overburden/E Pump Rate:	Bedrock:			Concession Name: Easting NAD83:		

Order No: 21071500227

	Records	of	Distance (m)	Elev/Diff (m)		
Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:					Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map	o):		https://d2khazk8e83	rdv.cloudfront.ne	t/moe_mapping/download	s/2Water/Wells_pdfs/150\1508481.pdf
Additional Det	tail(s) (Map)					
Well Complete Year Complete Depth (m): Latitude: Longitude: Path:			1951/01/12 1951 22.5552 45.3720259979048 -75.7626638629738 150\1508481.pdf			
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status. Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete	:: C:	10030515 8.00 r Bedrock 12-Jan-19	51 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC:	81.862655 18 440280.70 5024562.00 9 unknown UTM
Remarks: Elevrc Desc: Location Sour Improvement I Source Revisio Supplier Comi <u>Overburden al</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color. Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation Top Formation End Formation End	Location Sc Location Me ion Commen ment: <u>nd Bedrock</u> <u>rval</u> : n Material: p Depth: d Depth: d Depth UO	burce: ethod: nt:	931009782 2 2 GREY 15 LIMESTONE 8.0 74.0 ft		Location Method:	β9
Elevrc Desc: Location Sour Improvement I Source Revisio Supplier Comi <u>Overburden an</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color. Mat1: Most Commor Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End	Location Sc Location Me ion Commen ment: <u>nd Bedrock</u> <u>rval</u> : n Material: d Depth: d Depth: d Depth UO <u>nd Bedrock</u> <u>rval</u>	burce: athod: nt:	931009782 2 2 GREY 15 LIMESTONE 8.0 74.0		Location Method:	β9

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation To	op Depth:	0.0			
Formation Er		8.0			
Formation Er	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons		961508481			
	struction Code:	1 Cable Tool			
Method Cons Other Method	d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10579085			
Casing No:		1			
Comment: Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		930053674			
Layer:		2			
Material: Open Hole or	r Material:	4 OPEN HOLE			
Depth From:					
Depth To:		74			
Casing Diam		4 ia ah			
Casing Diam Casing Dept		inch ft			
<u>Construction</u>	Record - Casing				
Casing ID:		930053673			
Layer:		1			
Material:		1 STEEL			
Open Hole or Depth From:		SIEEL			
Depth To:		14			
Casing Diam		4			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test ID		991508481			
Pump Set At: Static Level:		14.0			
	fter Pumping:	16.0			
	ed Pump Depth:				
Pumping Rat Flowing Rate	te:	7.0			
	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
	After Test Code:				
Water State A		CLEAR 1			
Pumping Tes Pumping Dur		1 0			
	ration MIN:	30			

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Flowing:			No				
Water Details	<u>s</u>						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	•		933463000 1 1 FRESH 18.0 ft				
<u>44</u>	1 of 1		E/206.6	79.9 / 0.00	826 RIDDELL AVEN OTTAWA ON K2A 2		HINC
External File Fuel Occurre Date of Occu Fuel Type In Status Desc: Job Type De Oper. Type I Service Inter Property Dar Fuel Life Cyc Root Cause:	ence Type: Irrence: volved: sc: nvolved: ruptions: mage: cle Stage:		FS INC 0806-0309 Pipeline Strike 6/5/2008 Natural Gas Completed - Caus Incident/Near-Miss Construction Site ( Yes Yes Transmission, Dist Root Cause: Equip Yes Management	al Analysis(End) Occurrence (FS) pipeline strike) ribution and Transoment/Material/Co	sportation mponent:No Procedures:\	∕es Maintenance:No De	esign:No Training:
Reported De Fuel Categor Occurrence Affiliation: County Name Approx. Qua Nearby body Enter Draina Approx. Qua Environment	y: Type: e: nt. Rel: of water: ge Syst.: nt. Unit:		Gaseous Fuel Incident		istration/Certificate Holder, F	Facility Owner, etc.)	
<u>45</u>	1 of 1		E/207.7	79.9/0.00	lot 28 con 2 ON		WWIS
Well ID: Construction Primary Wate Sec. Water U Final Well St	er Use: Ise:	1510602 Domestic 0 Water Su	oply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec:	1 1/31/1950 True	

<u> </u>		 ON		WWIS
Well ID:	1510602	Data Entry Status:		
Construction Date:		Data Src:	1	
Primary Water Use:	Domestic	Date Received:	1/31/1950	
Sec. Water Use:	0	Selected Flag:	True	
Final Well Status:	Water Supply	Abandonment Rec:		
Water Type:		Contractor:	3725	
Casing Material:		Form Version:	1	
Audit No:		Owner:		
Tag:		Street Name:		
Construction Method:		County:	OTTAWA	
Elevation (m):		Municipality:	OTTAWA CITY (NEPEAN)	
Elevation Reliability:		Site Info:		
Depth to Bedrock:		Lot:	028	
Well Depth:		Concession:	02	
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/151\1510602.pdf

### Additional Detail(s) (Map)

Well Completed Date:	1949/10/19
Year Completed:	1949
Depth (m):	33.528
Latitude:	45.3745742119135
Longitude:	-75.7584835564493
Path:	151\1510602.pdf

# Bore Hole Information

Bore Hole ID:	10032628	Elevation:	79.748428
DP2BR:	4.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	440610.70
Code OB Desc:	Bedrock	North83:	5024842.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	19-Oct-1949 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location S			
Improvement Location M			
Source Revision Comme	nt:		
Supplier Comment:			
Overburden and Bedrock			
Materials Interval			
Materials Interval			
Formation ID:	931015344		
Layer:	3		
Color:	1		
General Color:	WHITE		
Mat1:	15		
Most Common Material:	LIMESTONE		
Mat2:			
Mat2 Desc:			
Mat3:			
Mat3 Desc:			
Formation Top Depth:	60.0		
Formation End Depth:	110.0		
Formation End Depth UC	<b>M</b> : ft		
Overburden and Bedrock	<u>r</u>		
<u>Materials Interval</u>			
Formation ID:	931015343		
Layer:	2		
Color:	3		
General Color:	BLUE		
Mat1:	26		
Most Common Material:	ROCK		
Mat2:			
Mat2 Desc:			
Mat3:			
Mat3 Desc:	4.0		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden Materials Inte	and Bedrock erval				
Formation ID	):	931015342			
Layer:		1			
Color:		3			
General Colo	or:	BLUE			
Mat1:		05			
Most Commo	on Material:	CLAY			
Mat2:					
Mat2 Desc: Mat3:					
Mats. Mats Desc:					
Formation To	on Denth	0.0			
Formation E		4.0			
Formation E	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Con	struction ID.	961510602			
	struction Code:	1			
Method Con		Cable Tool			
Other Metho	d Construction:				
<u>Pipe Informa</u>	ition				
Pipe ID:		10581198			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		930057833			
Layer:		2			
Material:		4			
Open Hole o		OPEN HOLE			
Depth From:					
Depth To:		110			
Casing Diam	eter:	6 in ch			
Casing Diam Casing Dept	h UOM:	inch ft			
Casing Dept		it.			
<u>Constructior</u>	n Record - Casing				
Casing ID:		930057832			
Layer:		1			
Material:		1			
Open Hole o		STEEL			
Depth From:		_			
Depth To:		7			
Casing Diam		6 in ch			
Casing Diam		inch			
Casing Dept	п ООМ:	ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test II	D:	991510602			
Pump Set At					

Pump Set At:Static Level:13.0Final Level After Pumping:37.0

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Recommend Pumping Rat Flowing Rate	te:	epth:	3.0				
Recommend	led Pump Ra	ate:	4				
Levels UOM: Rate UOM:	:		ft GPM				
Water State		ode:	1				
Water State A			CLEAR 1				
Pumping Du	ration HR:		0				
Pumping Du	ration MIN:		25 No				
Flowing:			NO				
<u>Water Details</u>	<u>s</u>						
Water ID:			933465628				
Layer: Kind Code:			1 1				
Kind:			FRESH				
Water Found		-	100.0				
Water Found	Depth UON	И:	ft				
<u>46</u>	1 of 1		SSE/209.0	81.9/2.00	lot 28 con 2 ON		WWIS
Well ID:		1510601			Data Entry Status:		
Construction		Domostic			Data Src:	1	
Primary Wate Sec. Water U		Domestic 0	,		Date Received: Selected Flag:	1/5/1950 True	
Final Well St		Water Su	ipply		Abandonment Rec:		
Water Type:					Contractor:	3725 1	
Casing Mate Audit No:	rial:				Form Version: Owner:	I	
Tag:					Street Name:		
Constructior Elevation (m					County: Municipality:	OTTAWA OTTAWA CITY (NEPEAN)	
Elevation Re					Site Info:		
Depth to Bed	drock:				Lot:	028	
Well Depth: Overburden/	Bedrock				Concession: Concession Name:	02 OF	
Pump Rate:	Deurock.				Easting NAD83:		
Static Water					Northing NAD83:		
Flowing (Y/N Flow Rate:	l):				Zone: UTM Reliability:		
Clear/Cloudy	/:				o nii Kenabinty.		
PDF URL (Ma	ap):		https://d2khazk8e8	3rdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/151\1510601.pdf	
Additional D	etail(s) (Map	<u>2)</u>					
Well Comple	eted Date:		1949/11/01				
Year Comple			1949				
Depth (m): Latitude:			35.052 45.3722149541311				
Longitude:			-75.7613254622940				
Path:			151\1510601.pdf				
<u>Bore Hole In</u>	formation						
Bore Hole ID	):	1003262	7		Elevation:	81.928474	
DP2BR: Spatial Statu	ıs:	11.00			Elevrc: Zone:	18	
	*						
131	erisinfo.co	<u>m</u>   Envir	onmental Risk Info	ormation Servic	es	Order No: 21071	500227

Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed. Remarks: Elevrc Desc: Location Source Improvement Lo Improvement Lo Source Revision Supplier Comme Overburden and Materials Interva Formation ID: Layer: Color: General Color: Mat1: Most Common M Mat2:	e Date: ocation Source: ocation Method: o Comment: ent: <u>I Bedrock</u> a <u>l</u>	931015341 6 6 BROWN 26 ROCK	East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	440385.70 5024582.00 9 unknown UTM p9	
Open Hole: Cluster Kind: Date Completed. Remarks: Elevrc Desc: Location Source Improvement Lo Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1: Most Common M Mat2:	: 01-Nov- e Date: ocation Source: ocation Method: n Comment: ent: <u>I Bedrock</u> al	931015341 6 6 BROWN 26	Org CS: UTMRC: UTMRC Desc:	9 unknown UTM	
Cluster Kind: Date Completed. Remarks: Elevrc Desc: Location Source Improvement Lo Improvement Lo Source Revision Supplier Comme Overburden and Materials Interva Formation ID: Layer: Color: General Color: Mat1: Most Common M Mat2:	e Date: ocation Source: ocation Method: o Comment: ent: <u>I Bedrock</u> a <u>l</u>	931015341 6 6 BROWN 26	UTMRC: UTMRC Desc:	unknown UTM	
Date Completed. Remarks: Elevrc Desc: Location Source Improvement Lo Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1: Most Common M Mat2:	e Date: ocation Source: ocation Method: o Comment: ent: <u>I Bedrock</u> a <u>l</u>	931015341 6 6 BROWN 26	UTMRC Desc:	unknown UTM	
Remarks: Elevrc Desc: Location Source Improvement Lo Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1: Most Common M Mat2:	e Date: ocation Source: ocation Method: o Comment: ent: <u>I Bedrock</u> a <u>l</u>	931015341 6 6 BROWN 26			
Elevrc Desc: Location Source Improvement Lo Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1: Most Common M Mat2:	ocation Source: ocation Method: o Comment: ent: <u>I Bedrock</u> al	6 6 BROWN 26	Location method.	μ.	
Location Source Improvement Lo Improvement Lo Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1: Most Common M Mat2:	ocation Source: ocation Method: o Comment: ent: <u>I Bedrock</u> al	6 6 BROWN 26			
Improvement Lo Improvement Lo Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1: Most Common M Mat2:	ocation Source: ocation Method: o Comment: ent: <u>I Bedrock</u> al	6 6 BROWN 26			
Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1: Most Common M Mat2:	n Comment: ent: <u>  Bedrock</u> a <u> </u>	6 6 BROWN 26			
Supplier Comme Overburden and Materials Interva Formation ID: Layer: Color: General Color: Mat1: Most Common M Mat2:	ent: <u>  Bedrock</u> al	6 6 BROWN 26			
Materials Interva Formation ID: Layer: Color: General Color: Mat1: Most Common N Mat2:	al	6 6 BROWN 26			
Layer: Color: General Color: Mat1: Most Common N Mat2:	Material:	6 6 BROWN 26			
Color: General Color: Mat1: Most Common N Mat2:	Naterial:	6 BROWN 26			
Color: General Color: Mat1: Most Common N Mat2:	Naterial:	BROWN 26			
Mat1: Most Common N Mat2:	Naterial:	26			
Most Common N Mat2:	Material:				
Mat2:	nalei idi:	NUUN			
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top D		75.0			
Formation End L Formation End L		115.0 ft			
Formation End L	Deptill OOM.	n			
<u>Overburden and</u> Materials Interva					
Formation ID:		931015340			
Layer:		5			
Color: General Color:		2 GREY			
Mat1:		15			
Most Common N	Material:	LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3: Mat3 Doso:					
Mat3 Desc: Formation Top D	Denth:	60.0			
Formation End L		75.0			
Formation End [	Depth UOM:	ft			
<u>Overburden and</u> <u>Materials Interva</u>					
Formation ID:		931015336			
Layer:		1			
Color: General Color:					
General Color: Mat1:		05			
Matt. Most Common N	Material:	CLAY			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:					
Mat3 Desc:	Daméha	0.0			
Formation Top D Formation End D		0.0 10.0			
Formation End L	Depth UOM	ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	 DB
<u>Overburden ar</u> Materials Inter					
Formation ID:		931015337			
Layer:		2			
Color: General Color:					
Mat1:		08			
Most Common	n Material:	FINE SAND			
Mat2: Mat2 Desc:					
Mat2 Desc. Mat3:					
Mat3 Desc:					
Formation Top	Depth:	10.0			
Formation End Formation End	d Deptn: d Depth UOM <sup>.</sup>	11.0 ft			
i onnadon Ene	i Depar Com.	it in			
<u>Overburden ar</u> Materials Inter					
<u>Materials inter</u>	<u>vai</u>				
Formation ID:		931015339			
Layer: Color:		4 6			
General Color:	:	BROWN			
Mat1:		26			
Most Common Mat2:	n Material:	ROCK			
Mat2: Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Formation End	o Depth:	48.0 60.0			
Formation End		ft			
<u>Overburden ar</u> Materials Inter					
Formation ID:		931015338			
Layer:		3			
Color:		2			
General Color: Mat1:	:	GREY 15			
Most Common	n Material:	LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3: Mat3 Desc:					
Formation Top	Depth:	11.0			
Formation End	d Depth:	48.0			
Formation End	d Depth UOM:	ft			
<u>Method of Cor</u> <u>Use</u>	nstruction & Well				
Method Const	ruction ID-	961510601			
Method Const		1			
Method Const	ruction:	Cable Tool			
Other Method	Construction:				

## Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
ipe ID:		10581197				
asing No:		1				
omment:						
It Name:						
Construction	Record - Casing					
Casing ID: .ayer:		930057830 1				
ayer. laterial:		1				
pen Hole or	Material:	STEEL				
epth From:						
epth To:		11				
asing Diame asing Diame		4 inch				
asing Depth		ft				
construction	Record - Casing					
asing ID:		930057831				
ayer:		2				
laterial: pen Hole or	Matorial	4 OPEN HOLE				
epth From:	wateriar.	OFENHOLE				
epth To:		115				
asing Diame		4				
asing Diame asing Depth		inch ft				
ump Test ID	<u>II Yield Testing</u>	991510601				
Pump Set At:		001010001				
Static Level:		10.0				
	ter Pumping:					
	d Pump Depth:	4.0				
Pumping Rate lowing Rate:		4.0				
	d Pump Rate:					
evels UOM:	a rump nate.	ft				
ate UOM:		GPM				
	fter Test Code:	1				
/ater State A		CLEAR				
umping Test umping Dura		1 0				
Cumping Dura		30				
lowing:		No				
/ater Details						
/ater ID:		933465627				
ayer:		1				
ind Code:						
(ind: Vater Found	Denth:	MINERIAL 110.0				
	Depth UOM:	ft				
<u>47</u>	1 of 1	E/210.5	80.9 / 1.00	ON		wwi
Vell ID:	15087	86		ON Data Entry Status:		
	Date:	~~		Data Src:	1	

Sec. Water Use: 0	omestic ater Supply https://d2khazk8e83	3rdv.cloudfront.n	Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/18/1950 True 3728 1 OTTAWA OTTAWA CITY S/2Water/Wells_pdfs/150\1508786.pdf	
Final Well Status: Wa Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):		3rdv.cloudfront.n	Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	3728 1 OTTAWA OTTAWA CITY	
Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):		3rdv.cloudfront.n	Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 OTTAWA OTTAWA CITY	
Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	https://d2khazk8e83	3rdv.cloudfront.n	Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA OTTAWA CITY	
Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	https://d2khazk8e83	3rdv.cloudfront.n	Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA CITY	
Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	https://d2khazk8e83	3rdv.cloudfront.n	County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA CITY	
Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	https://d2khazk8e83	3rdv.cloudfront.n	Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA CITY	
Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	https://d2khazk8e83	3rdv.cloudfront.n	Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	https://d2khazk8e83	3rdv.cloudfront.n	Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	s/2Water/Wells_pdfs/150\1508786.pdf	
Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	https://d2khazk8e83	3rdv.cloudfront.n	Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	s/2Water/Wells_pdfs/150\1508786.pdf	
Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	https://d2khazk8e83	3rdv.cloudfront.n	Easting NAD83: Northing NAD83: Zone: UTM Reliability:	s/2Water/Wells_pdfs/150\1508786.pdf	
Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	https://d2khazk8e83	3rdv.cloudfront.n	Northing NAD83: Zone: UTM Reliability:	s/2Water/Wells_pdfs/150\1508786.pdf	
Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	https://d2khazk8e83	3rdv.cloudfront.n	Zone: UTM Reliability:	s/2Water/Wells_pdfs/150\1508786.pdf	
Flow Rate: Clear/Cloudy: PDF URL (Map):	https://d2khazk8e83	3rdv.cloudfront.n	UTM Reliability:	s/2Water/Wells_pdfs/150\1508786.pdf	
Clear/Cloudy: PDF URL (Map):	https://d2khazk8e83	3rdv.cloudfront.n		s/2Water/Wells_pdfs/150\1508786.pdf	
PDF URL (Map):	https://d2khazk8e83	Brdv.cloudfront.n	et/moe_mapping/downloads	s/2Water/Wells_pdfs/150\1508786.pdf	
	https://d2khazk8e83	3rdv.cloudfront.n	et/moe_mapping/downloads	s/2Water/Wells_pdfs/150\1508786.pdf	
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	1950/12/10				
Year Completed:	1950				
Depth (m):	28.0416				
Latitude:	45.3738533202274				
Longitude: Path:	-75.7586016316274 150\1508786.pdf	ł			
Bore Hole Information					
Bore Hole ID: 10	0030820		Elevation:	80.535331	
DP2BR: 4.0			Elevrc:		
Spatial Status:			Zone:	18	
Code OB: r			East83:	440600.70	
	edrock		North83:	5024762.00	
Open Hole:			Org CS:	0	
Cluster Kind: Date Completed: 10-	)-Dec-1950 00:00:00		UTMRC: UTMRC Desc:	9 unknown UTM	
Remarks:	-Dec-1950 00.00.00		Location Method:	p9	
Elevrc Desc:			20041011 110411041	P.0	
Location Source Date:					
Improvement Location Sour					
Improvement Location Meth	hod:				
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock Materials Interval					
Formation ID:	931010588				

Formation ID: Layer: Color:	931010588 1
General Color:	
Mat1:	02
Most Common Material: Mat2:	TOPSOIL
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> Materials Int	<u>and Bedrock</u> erval				
Formation IL Layer: Color:	): 	931010589 2 3			
General Cold	or:	BLUE			
Mat1: Most Commo Mat2:	on Material:	05 CLAY			
Mat2 Desc: Mat3: Mat3 Desc:					
Formation To Formation E Formation E	op Depth: nd Depth: nd Depth UOM:	2.0 4.0 ft			
<u>Overburden</u> Materials Int	<u>and Bedrock</u> erval				
Formation IL Layer:	):	931010590 3			
Color: General Colo Mat1:	or:	15			
Most Commo Mat2: Mat2 Desc: Mat3:	on Material:	LIMESTONE			
Mat3 Desc: Formation To Formation E	op Depth: nd Depth:	4.0 92.0			
Formation E	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Con		961508786			
Method Con	struction Code: struction: d Construction:	1 Cable Tool			
<u>Pipe Informa</u>	<u>ition</u>				
Pipe ID: Casing No: Comment: Alt Name:		10579390 1			
<u>Construction</u>	n Record - Casing				
Casing ID: Layer:		930054272 1			
Material: Open Hole o	r Mətəriəl:	1 STEEL			
Depth From:					
Depth To: Casing Diam	eter:	12 4			
Casing Diam Casing Dept	eter UOM:	inch ft			
Casing Dept		ιι			

### Construction Record - Casing

Casing ID:	930054273
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	92
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pump Test ID:	991508786
Pump Set At:	
Static Level:	8.0
Final Level After Pumping:	10.0
Recommended Pump Depth:	
Pumping Rate:	13.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

#### Water Details

Water ID:	933463460
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	92.0
Water Found Depth UOM:	ft

<u>48</u>	1 of 1	SSE/211.2	81.9/2.00	ON		WWIS
Well ID: Constructio Primary Wa Sec. Water Final Well S Water Type Casing Mat Audit No: Tag: Constructio Elevation (r Elevation R Depth to Be Well Depth: Overburder Pump Rate. Static Wate	tter Use: Use: Status: erial: on Method: n): eeliability: edrock: n/Bedrock: r Level:	1508462 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:	1 4/1/1952 True 3725 1 OTTAWA OTTAWA CITY	
Flowing (Y/	<i>i</i> • <i>j</i> .			Zone:		

	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Flow Rate: Clear/Cloudy:			UTM Reliability:		
PDF URL (Map):	https://d2khazk8e8	3rdv.cloudfront.net/	moe_mapping/download	ls/2Water/Wells_pdfs/150\1508462.pdf	
Additional Detail(s) (Map)					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:	1951/11/14 1951 17.0688 45.3722153797118 -75.761261613696 150\1508462.pdf				
Bore Hole Information					
Bore Hole ID: 100 DP2BR: 10. Spatial Status: Code OB: r Code OB Desc: Be Open Hole: Cluster Kind:	drock •Nov-1951 00:00:00 <b>ce:</b>		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	81.904243 18 440390.70 5024582.00 5 margin of error : 100 m - 300 m p5	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation To Formation El	nd Depth:	10.0 56.0 ft			
Formation El	nd Depth UOM:	п			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons		961508462			
Method Cons Method Cons	struction Code: struction:	1 Cable Tool			
Other Metho	d Construction:				
<u>Pipe Informa</u>	<u>ition</u>				
Pipe ID:		10579066			
Casing No: Comment:		1			
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		930053636			
Layer: Material:		1 1			
Open Hole of		STEEL			
Depth From: Depth To:		20			
Casing Diam		4			
Casing Diam		inch ft			
Casing Dept		п			
<b>Construction</b>	n Record - Casing				
Casing ID:		930053637			
Layer: Material:		2 4			
Open Hole of		OPEN HOLE			
Depth From: Depth To:		56			
Casing Diam	eter:	4			
Casing Diam		inch			
Casing Dept	n UOM:	ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test IL		991508462			
Pump Set At Static Level:		8.0			
	fter Pumping:	8.0			
Recommend Pumping Rat	ed Pump Depth:	5.0			
Flowing Rate		5.0			
Recommend	ed Pump Rate:	4			
Levels UOM: Rate UOM:		ft GPM			
Water State	After Test Code:	1			
Water State		CLEAR 1			
Pumping Tes Pumping Du		0			
Pumping Du		30			
Flowing:		No			

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found De Water Found De		933462973 1 1 FRESH 56.0 ft				
<u>49</u> 1	of 1	WSW/219.2	79.9 / 0.00	SOMERSET TOWERS 2045 CARLING AVEN OTTAWA ON K2A 1G	IUE	GEN
Generator No: Status: Approval Years: Contam. Facility MHSW Facility: SIC Code: SIC Description.	20 20 20 20 20 20	8291	ESCALATOR INST	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: FALLATION CONTRACTOR	Canada CO_OFFICIAL S	
Detail(s)						
Waste Class: Waste Class De	sc:	251 OIL SKIMMINGS (	& SLUDGES			
<u>50</u> 1	of 1	E/221.0	80.6 / 0.69	830 RIDDELL AVENU OTTAWA ON K2A 2V		HINC
External File Nu Fuel Occurrence Date of Occurrence Fuel Type Involv Status Desc: Job Type Desc: Oper. Type Invo Service Interrup Property Damag Fuel Life Cycle S Root Cause: Reported Details Fuel Category: Occurrence Typ Affiliation: County Name: Approx. Quant. Nearby body of Enter Drainage S Approx. Quant. Environmental I	e Type: nce: ved: tions: te: Stage: s: e: Rel: water: Syst.: Unit:	Management:Yes Gaseous Fuel Incident	al Analysis(End) Occurrence (FS) pipeline strike) ribution and Trans oment/Material/Cor Human Factors:`	mponent:No Procedures:Y		o Training
<u>51</u> 1	of 2	NNW/223.4	77.9/-2.00	Enbridge Gas Distrib 1943 Wembley Ave. Ottawa ON K2A 1A8	ution Inc.	SPL
Ref No: Site No: Incident Dt: Year:	12	60-8ASR8R		Discharger Report: Material Group: Health/Env Conseq: Client Type:		
Incident Cause:	Dis	scharge or Emission to Air		Sector Type:		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Incident Event Contaminant ( Contaminant I Contaminant I Contaminant I Contaminant ( Environment I Nature of Impa Receiving Med Receiving Med Receiving Env MOE Respons Dt MOE Arvl o MOE Reported Dt Document ( Incident Rease Site Name: Site County/Di Site Geo Ref M Incident Summ Contaminant (	Code: 35 Name: NAT Limit 1: Freq 1: UN No 1: Impact: Not act: dium: : ee: Refe on Scn: d Dt: 11/1 Closed: 11/1 Closed: 11/1 con: Erro istrict: Meth: mary:	URAL GAS (METHANE) Anticipated erral to others /2010 1/2010 r- Operator error Residential <unoff Ottawa: 1 1/4" plastic 0 other - see inciden</unoff 	c gas line strike	Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	TSSA - Fuel Safety Branch	

<u>51</u>	2 of 2	NNW/223.4	77.9 / -2.00	1943 Wembley Aven ON	ue, Ottawa	PINC
Incident II	D:	2631244		Fuel Category:	Natural Gas	
Incident N	lo:	474960		Health Impact:	No	
Incident R	Reported Dt:			Environment Impact:	No	
Type:		FS-Pipeline Incident		Property Damage:	No	
Status Co	de:	Pipeline Damage Reason E	st	Service Interupt:	Yes	
Customer	Acct Name:			Enforce Policy:	Yes	
Incident A	Address:			Public Relation:	No	
Tank Stat	us:	RC Established		Pipeline System:		
Task No:		3122793		Depth:	24	
Spills Act	ion Centre:	1260-8ASR8R		Pipe Material:	Plastic	
Fuel Type		Natural Gas		PSIG:		
Fuel Occu	ırrence Tp:	Pipeline Strike		Attribute Category:	FS-Perform P-line Inc Invest	
Date of O	ccurrence:	11/1/2010 0:00		Regulator Location:	Outside	
Occurrent	ce Start Dt:	2010/11/01		Method Details:	E-mail	
Operation	і Туре:	Construction Site	(pipeline strike)			
Pipeline T	Гуре:	Service / Riser Dis	stribution Pipeline			
Regulator	<sup>.</sup> Type:	Service Regulator	(up to 60 psi intake	e)		
Summary	:	1943 Wembley Av	/enue, Ottawa - 1 1/	/4" Pipeline Hit		
Reported	By:	Michael Gruttner -	0			
Affiliation	5	Industry Stakehol	der (Licensee/Regis	stration/Certificate Holder, F	acility Owner, etc.)	
Occurrent	ce Desc:					
Damage F	Reason:	Excavation praction	ces not sufficient			
Notes:		No Locates, dama	aged by machine			
<u>52</u>	1 of 3	ESE/224.6	80.9 / 1.00	ONTARIO HYDRO 851 KILLEEN ANE TI	RANSFORMER	SPL

—		851 KILLEEN ANE TRANSFORMER OTTAWA CITY ON K2A 2X8	Sr L
Ref No:	7653	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	8/5/1988	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	COOLING SYSTEM 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:	
-			

Map Key Numbe Record		Elev/Diff (m)	Site		DE
Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env:	LAND		Site Region: Site Municipality: Site Lot: Site Conc: Northing:	20101	
MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt:	0/0/4000		Easting: Site Geo Ref Accu:		
Dt Document Closed: Incident Reason:	8/6/1988 EQUIPMENT FAILURE		Site Map Datum: SAC Action Class: Source Type:		
Site Name: Site County/District: Site Geo Ref Meth: Incident Summary:	ONTARIO HYDRO	- 4.5 L TRANSFO	RMER OIL(<50 PPM PCB)	TO GROUND.	
Contaminant Qty:					
52 2 of 3	ESE/224.6	80.9 / 1.00	Enbridge Energy Dist 851 Killeen Ave. Ottawa ON	tribution Inc.	SPL
Ref No:	0866-ATQS3M		Discharger Report:		
Site No:	NA		Material Group:		
Incident Dt:	2017/12/04		Health/Env Conseq:	2 - Minor Environment	
Year:			Client Type:	Corporation Unknown / N/A	
Incident Cause: Incident Event:	Leak/Break		Sector Type: Agency Involved:	Unknown / N/A	
Contaminant Code:	35		Nearest Watercourse:		
Contaminant Name:	NATURAL GAS (METHANE)		Site Address:	851 Killeen Ave.	
Contaminant Limit 1:			Site District Office:	Ottawa	
Contam Limit Freq 1:			Site Postal Code:		
Contaminant UN No 1:	1075		Site Region:	Eastern	
Environment Impact:			Site Municipality:	Ottawa	
Nature of Impact: Receiving Medium:			Site Lot: Site Conc:		
Receiving Env:	Air		Northing:		
MOE Response:	No		Easting:		
Dt MOE Arvl on Scn:			Site Geo Ref Accu:		
MOE Reported Dt:	2017/12/04		Site Map Datum:		
Dt Document Closed:	2017/12/16		SAC Action Class:	TSSA - Fuel Safety Branch - Hy Release/Spill	drocarbon F
Incident Reason: Site Name: Site County/District:	Operator/Human Error residential <unoff< td=""><td>ICIAL&gt;</td><td>Source Type:</td><td>Pipeline/Components</td><td></td></unoff<>	ICIAL>	Source Type:	Pipeline/Components	
Site Geo Ref Meth: Incident Summary: Contaminant Qty:	TSSA FSB: Enbride 0 other - see incide		ervice damage/valid locates	/safe	
52 3 of 3	ESE/224.6	80.9 / 1.00	PIPELINE HIT 0.5" 851 KILLEEN AVE,,OT ON	TTAWA,ON,K2A 2X8,CA	PINC
Incident ID:	2203114		Fuel Category:		
Incident No: Incident Reported Dt:	12/5/2017		Health Impact: Environment Impact:		
Type:	FS-Pipeline Incident		Property Damage:		
Status Code:	,		Service Interupt:		
Customer Acct Name:	PIPELINE HIT 0.5"	<b>O U U U U U U U U U U</b>	Enforce Policy:		
Incident Address:	851 KILLEEN AVE,,OTTAWA				
	Pipeline Damage Reason Est	I	Pipeline System:		
Tank Status: Task No:			Depth:		
Task No:					
			Pipe Material: PSIG:		

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Fuel Occurrence Date of Occurrence Occurrence Sta Operation Type: Pipeline Type: Regulator Type Summary: Reported By: Affiliation: Occurrence De Damage Reaso Notes:	ence: art Dt: e: e: e:				Attribute Category: Regulator Location: Method Details:		
<u>53</u> 1	1 of 1		ESE/227.0	81.9/2.00	ON		wwi
Well ID:		1508388			Data Entry Status:		
Construction D	Date:	1000000			Data Src:	1	
Primary Water		Domestic			Date Received:	12/2/1953	
Sec. Water Use		0			Selected Flag:	True	
Final Well State	us:	Water Supp	oly		Abandonment Rec:		
Water Type:					Contractor:	4216 1	
Casing Materia Audit No:	11:				Form Version: Owner:	1	
Tag:					Street Name:		
Construction N	lethod:				County:	OTTAWA	
Elevation (m):					Municipality:	OTTAWA CITY	
Elevation Relia					Site Info:		
Depth to Bedro	ock:				Lot:		
Well Depth: Overburden/Be	drock				Concession: Concession Name:		
Pump Rate:	urock.				Easting NAD83:		
Static Water Le	evel:				Northing NAD83:		
Flowing (Y/N):					Zone:		
Flow Rate: Clear/Cloudy:					UTM Reliability:		
PDF URL (Map,	):	h	ttps://d2khazk8e	33rdv.cloudfront.ne	et/moe_mapping/downloads/	/2Water/Wells_pdfs/150\1508388.pdf	
Additional Deta	<u>ail(s) (Map</u>	2					
Well Complete	d Date:	1	953/11/06				
Year Complete			953				
Depth (m):			7.8536	7			
• • •		4	5.372949023115				
Latitude:		_					
Latitude: Longitude:			75.759228092499 50\1508388.pdf	2			
Latitude: Longitude: Path:	<u>rmation</u>			5			
• • •	r <u>mation</u>			5	Elevation:	81.310852	
Latitude: Longitude: Path: Bore Hole Infor	r <u>mation</u>	1		5	Elevation: Elevrc:	81.310852	
Latitude: Longitude: Path: <u>Bore Hole Infor</u> Bore Hole ID: DP2BR: Spatial Status:		1 10030422 55.00		5	Elevrc: Zone:	18	
Latitude: Longitude: Path: Bore Hole Infol Bore Hole ID: DP2BR: Spatial Status: Code OB:		1 10030422 55.00 r		5	Elevrc: Zone: East83:	18 440550.70	
Latitude: Longitude: Path: Bore Hole Infol Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc.		1 10030422 55.00		5	Elevrc: Zone: East83: North83:	18	
Latitude: Longitude: Path: Bore Hole Infol DP2BR: Spatial Status: Code OB: Code OB Desc. Open Hole:		1 10030422 55.00 r		5	Elevrc: Zone: East83: North83: Org CS:	18 440550.70	
Latitude: Longitude: Path: Bore Hole Infor DP2BR: Spatial Status: Code OB: Code OB Desc. Open Hole: Cluster Kind:	ž	1 10030422 55.00 r	50\1508388.pdf	5	Elevrc: Zone: East83: North83:	18 440550.70 5024662.00	
Latitude: Longitude: Path: <u>Bore Hole Infor</u> Bore Hole ID: DP2BR:	ž	1 10030422 55.00 r Bedrock	50\1508388.pdf	)	Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 440550.70 5024662.00 9	
Latitude: Longitude: Path: Bore Hole Infor DP2BR: Spatial Status: Code OB Code OB Desc. Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc:	: vd:	1 10030422 55.00 r Bedrock	50\1508388.pdf	5	Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 440550.70 5024662.00 9 unknown UTM	
Latitude: Longitude: Path: Bore Hole Infor DP2BR: Spatial Status: Code OB: Code OB Desc. Open Hole: Cluster Kind: Date Complete Remarks:	: nd: ce Date:	1 10030422 55.00 r Bedrock 06-Nov-195	50\1508388.pdf	)	Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 440550.70 5024662.00 9 unknown UTM	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
	t Location Method: ion Comment: nment:				
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID Layer: Color: General Colo		931009554 2			
Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc:	on Material:	15 LIMESTONE			
Formation To Formation Er	op Depth: nd Depth: nd Depth UOM:	55.0 157.0 ft			
<u>Overburden a</u> Materials Inte					
Formation ID Layer: Color: General Colo		931009553 1			
Mat1: Most Commo Mat2: Mat2 Desc: Mat3:		24 PREV. DRILLED			
Mat3 Desc: Formation To Formation Er Formation Er	op Depth: nd Depth: nd Depth UOM:	0.0 55.0 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	961508388 1 Cable Tool			
<u>Pipe Informat</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10578992 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From:	Material:	930053493 2 4 OPEN HOLE			
Depth To: Casing Diame	eter:	157 5			

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing Diam Casing Deptl			inch ft				
Construction	n Record - (	<u>Casing</u>					
Casing ID:			930053492				
Layer:			1				
Material:			1				
Open Hole o			STEEL				
Depth From:			<b>FF</b>				
Depth To: Cooing Diam	otori		55 5				
Casing Diam Casing Diam			inch				
Casing Dept			ft				
Results of W	ell Yield Te	esting					
Pump Test IL	D:		991508388				
Pump Set At							
Static Level:			17.0				
Final Level A			22.0				
Recommend Pumping Rai		eptn:	8.0				
Flowing Rate			0.0				
Recommend		Rate:					
Levels UOM:			ft				
Rate UOM:			GPM				
Water State		Code:	1				
Water State			CLEAR				
Pumping Tes Pumping Du			1 0				
Pumping Du			30				
Flowing:			No				
Water Details	<u>s</u>						
Water ID:			933462871				
Layer:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found Water Found		М:	55.0 ft				
54	1 06 2		E/228.7	80.6 / 0.69			
<u>54</u>	1 of 2		E/220.7	80.07 0.09	ON		WWIS
Well ID:	- Detr	1508776	i		Data Entry Status:	4	
Construction Primary Wate		Domesti	<u>^</u>		Data Src: Date Received:	1 8/11/1952	
Primary wate Sec. Water U		0			Selected Flag:	8/11/1952 True	
Final Well St		Water St	upply		Abandonment Rec:		
Water Type:					Contractor:	3718	
Casing Mate	rial:				Form Version:	1	
Audit No:					Owner:		
Tag: Construction	Mothod				Street Name: County:	OTTAWA	
Construction Elevation (m					<i>County:</i> Municipality:	OTTAWA OTTAWA CITY	
	). liability:				Site Info:		
Elevalion Re					Lot:		
					Concession:		
Depth to Bed Well Depth:					001106331011.		
Depth to Bed	Bedrock:				Concession Name: Easting NAD83:		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Static Water Le Flowing (Y/N): Flow Rate:	evel:			Northing NAD83: Zone: UTM Reliability:		
Clear/Cloudy: PDF URL (Map	۱.	https://d2kbazk8e83	rdy cloudfront n	et/moe_manning/download	ds/2Water/Wells_pdfs/150\1508776.pdf	
FDF ORL (Map	).	https://uzknazkoeo3			us/2 water/ weils_puls/ 150(1500/ 70.pul	
Additional Deta	<u>ail(s) (Map)</u>					
Well Complete Year Complete Depth (m): Latitude: Longitude: Path:		1952/07/22 1952 33.528 45.3740354511325 -75.7582847850084 150\1508776.pdf				
Bore Hole Info	rmation					
	o CVerb <b>d:</b> 22-Ju	burden I-1952 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	80.505104 18 440625.70 5024782.00 5 margin of error : 100 m - 300 m p5	
Source Revisic Supplier Comn Overburden an Materials Inter	nent: Id Bedrock					
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat2 Desc:		931010565 2 3 BLUE 05 CLAY				
<i>Mat3 Desc: Formation Top Formation End Formation End</i>	Depth:	18.0 110.0 ft				
<u>Overburden an</u> <u>Materials Inter</u>						
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc:		931010564 1 3 BLUE 05 CLAY				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Mat3:					
Mat3 Desc:	_				
Formation To		0.0			
Formation En		18.0			
Formation En	d Depth UOM:	ft			
<u>Method of Co. Use</u>	nstruction & Well				
Method Const		961508776			
	truction Code:	1			
Method Const		Cable Tool			
Other Method	Construction:				
Pipe Informat	ion				
Pipe ID:		10579380			
Casing No:		1			
Comment: Alt Name:					
Construction	Record - Casing				
Casing ID:		930054254			
Layer:		2			
Material:		4			
Open Hole or	Material:	OPEN HOLE			
Depth From:					
Depth To:		110			
Casing Diame		4 			
Casing Diame Casing Depth		inch ft			
Construction	Record - Casing				
Casing ID:		930054253			
Layer:		1			
Material:		1			
Open Hole or	Material:	STEEL			
Depth From:					
Depth To:	4	20			
Casing Diame Casing Diame	eter:	4 inch			
Casing Depth		ft			
<u>Results of We</u>	ell Yield Testing				
Pump Test ID. Pump Set At:	:	991508776			
Static Level:		15.0			
Final Level Af	ter Pumping: d Pump Depth:	15.0			
Recommende		3.0			
Flowing Rate:	,	0.0			
	d Pump Rate:				
Levels UOM:		ft			
Rate UOM: Water State A	fter Test Code:	GPM 1			
Water State A Water State A		CLEAR			
Pumping Test		1			
Pumping Dura		1			
Pumping Dura		0			
147	erisinfo.com   En	vironmental Risk Info	rmation Service	S	Order No: 2107150022

Map Key	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Flowing:			No				
Water Details							
Water ID: Layer: Kind Code: Kind: Water Found I Water Found I		:	933463441 1 FRESH 70.0 ft				
<u>Water Details</u>							
Water ID: Layer: Kind Code: Kind: Water Found I Water Found I		:	933463443 3 1 FRESH 100.0 ft				
<u>Water Details</u>							
Water ID: Layer: Kind Code: Kind: Water Found Water Found		:	933463442 2 1 FRESH 80.0 ft				
<u>54</u>	2 of 2		E/228.7	80.6/0.69	ON		wwis
Well ID: Construction Primary Water Sec. Water Us Final Well Sta Water Type: Casing Materi Audit No: Tag: Construction Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/E Pump Rate: Static Water L Flowing (Y/N). Flow Rate: Clear/Cloudy:	Date: r Use: se: ial: Method: : iability: rock: Bedrock: Level:	1508777 Domestic 0 Water Su			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 11/28/1952 True 3718 1 OTTAWA OTTAWA CITY	
PDF URL (Maj			https://d2khazk8e83	rdv.cloudfront.n	et/moe_mapping/downloads	/2Water/Wells_pdfs/150\1508777.pdf	
Additional De	etail(s) (Map)	2					
Well Complete Year Complet Depth (m): Latitude: Longitude:			1952/09/09 1952 33.528 45.3740354511325 -75.7582847850084				

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Order No: 21071500227

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Path:		150\1508777.pdf				
Bore Hole Inforr	mation					
Bore Hole ID: DP2BR:	10030 18.00	811		Elevation: Elevrc:	80.505104	
Spatial Status:				Zone:	18	
Code OB:	r			East83:	440625.70	
Code OB Desc:	Bedroo	ck		North83:	5024782.00	
Open Hole:				Org CS:		
Cluster Kind:				UTMRC:	5	
Date Completed Remarks:	l: 09-Sep	p-1952 00:00:00		UTMRC Desc: Location Method:	margin of error : 100 m - 300 m p5	
Elevrc Desc:						
Location Source Improvement Lo Improvement Lo	ocation Source:					
Source Revisior	n Comment:					
Supplier Comm	ent:					
Overburden and Materials Interva						
Formation ID:		931010567				
Layer:		2				
Color:						
General Color:						
Mat1:		15				
Most Common I	Material:	LIMESTONE				
Mat2:						
Mat2 Desc:						
Mat3:						
Mat3 Desc:		40.0				
Formation Top I		18.0 110.0				
Formation End I Formation End I	Deptn: Depth LIOM:	ft				
Formation End I	Depth OOM.	n				
Overburden and Materials Interva						
Formation ID:		931010566				
Layer:		1				
Color:		3				
General Color:		BLUE				
Mat1:		05				
Most Common I	Naterial:	CLAY				
Mat2:						
Mat2 Desc:						
Mat3: Mat3 Dasa:						
Mat3 Desc: Formation Top I	Denth:	0.0				
Formation End		18.0				
Formation End		ft				
Method of Cons Use	truction & Well					
Method Constru	ction ID:	961508777				
Method Constru		1				
Method Constru Other Method C		Cable Tool				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10579381			
Casing No: Comment: Alt Name:		1			
<u>Constructior</u>	n Record - Casing				
Casing ID:		930054256			
Layer:		2			
Material:					
Open Hole o Depth From:		OPEN HOLE			
Depth To:		110			
Casing Diam	eter:	4			
Casing Diam Casing Dept		inch ft			
Construction	n Record - Casing				
Casing ID:		930054255			
Layer:		1			
Material:		1			
Open Hole of Depth From:		STEEL			
Depth To:		20			
Casing Diam	eter:	4 ia ah			
Casing Diam Casing Dept		inch ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test II		991508777			
Pump Set At Static Level:		25.0			
	fter Pumping:	25.0 25.0			
	ed Pump Depth:	20.0			
Pumping Ra		3.0			

Fullipility Rate.	3.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

## Water Details

Water ID:	933463444
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.0
Water Found Depth UOM:	ft

## Water Details

# Water ID:

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Layer: Kind Code: Kind: Water Found I Water Found I		1:	2 1 FRESH 80.0 ft				
<u>Water Details</u>							
Water ID: Layer: Kind Code: Kind: Water Found I Water Found I		1:	933463446 3 1 FRESH 105.0 ft				
<u>55</u>	1 of 1		SW/230.2	81.9/2.00	ON		www
Well ID: Construction Primary Water Sec. Water Us Final Well Sta Water Type: Casing Materi Audit No: Tag: Construction Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/E Pump Rate: Static Water L Flowing (Y/N). Flow Rate: Clear/Cloudy: PDF URL (Maj	r Use: se: ial: Method: iability: rock: Bedrock: _evel: :	1508857 Domestic 0 Water Su	pply	83rdv.cloudfront.ne	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 11/26/1952 True 3725 1 OTTAWA OTTAWA CITY /2Water/Wells_pdfs/150\1508857.pdf	
Additional De			https://uzknazkoe		//noe_mapping/downloads	/2water/weils_puis/150(1500057.pui	
Well Complete Year Complete Depth (m): Latitude: Longitude: Path:	ed Date:	4	1952/08/09 1952 19.812 45.372017890901 -75.763876981649 150\1508857.pdf				
Bore Hole Info	ormation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Desi Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc:	s: c:	10030891 10.00 r Bedrock 09-Aug-1	952 00:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	82.684707 18 440185.70 5024562.00 5 margin of error : 100 m - 300 m p5	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvemen	t Location Source: t Location Method: sion Comment:				
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc:	or:	931010784 2 1 WHITE 15 LIMESTONE			
Formation To Formation E	op Depth: nd Depth: nd Depth UOM:	10.0 65.0 ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation El Formation El	or: on Material: op Depth:	931010783 1 13 BOULDERS 14 HARDPAN 0.0 10.0 ft			
<u>Method of Co</u> <u>Use</u> Method Cons	onstruction & Well	961508857			
Method Cons Method Cons	struction Code:	1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10579461 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole ol Depth From:		930054413 1 1 STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	Di
Depth To:		20			
Casing Diam		4			
Casing Diam		inch			
Casing Dept	h UOM:	ft			
Construction	Record - Casing				
Casing ID:		930054414			
Layer:		2			
Material:		4			
Open Hole or		OPEN HOLE			
Depth From:					
Depth To:		65			
Casing Diam		4			
Casing Diam		inch			
Casing Dept	т <b>ОО</b> М:	ft			
Results of W	ell Yield Testing				
Pump Test IL		991508857			
Pump Set At:	:				
Static Level:		8.0			
	fter Pumping:	8.0			
	ed Pump Depth:				
Pumping Rat		8.0			
Flowing Rate					
	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
	After Test Code:				
Water State A		CLEAR			
Pumping Tes		1 0			
Pumping Dui		30			
Pumping Dui		No			
Flowing:		NO			
Water Details	<u>8</u>				
Water ID:		933463553			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found		60.0			
water Found	Depth UOM:	ft			
<u>56</u>	1 of 1	E/230.7	79.9/0.00		WWI

Well ID: Construction Date:	1508788
Primary Water Use: Sec. Water Use: Final Well Status:	Domestic 0 Water Supply
Water Type: Casing Material: Audit No:	Water Suppry
Tag: Construction Method: Elevation (m): Elevation Reliability:	
Depth to Bedrock: Well Depth:	

Data Entry Status:	
Data Src:	1
Date Received:	8/8/1951
Selected Flag:	True
Abandonment Rec:	
Contractor:	3725
Form Version:	1
Owner:	
Street Name:	
County:	OTTAWA
Municipality:	OTTAWA CITY
Site Info:	
Lot:	
Concession:	

Order No: 21071500227

Record	er of Is	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Overburden/Bedrock:				Concession Name:		
Pump Rate:				Easting NAD83:		
Static Water Level:				Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloudy:				·		
PDF URL (Map):		https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/download	s/2Water/Wells_pdfs/150\1508788.pdf	
Additional Detail(s) (Ma	<u>(q</u>					
Well Completed Date:		1950/07/20				
Year Completed:		1950				
Depth (m):		27.432				
Latitude:		45.3748459240713				
Longitude:		-75.7582317598097	,			
Path:		150\1508788.pdf				
Bore Hole Information						
Bore Hole ID:	1003082	22		Elevation:	78.908576	
DP2BR:	6.00			Elevrc:		
Spatial Status:				Zone:	18	
Code OB:	r			East83:	440630.70	
Code OB Desc:	Bedrock	ζ		North83:	5024872.00	
Open Hole:				Org CS:		
Cluster Kind:				UTMRC:	9	
Date Completed:	20-Jul-1	950 00:00:00		UTMRC Desc:	unknown UTM	
Remarks:				Location Method:	p9	
Elevrc Desc: Location Source Date:				Location Method:	р9	
Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comm	Source: Method:			Location Method:	p9	
Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comm Supplier Comment: Overburden and Bedroo	Source: Method: tent:			Location Method:	ρ9	
Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedrou</u> <u>Materials Interval</u> Formation ID:	Source: Method: tent:	931010593		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer:	Source: Method: tent:	931010593 1		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo Materials Interval</u> Formation ID: Layer: Color:	Source: Method: tent:			Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo Materials Interval</u> Formation ID: Layer: Color: General Color:	Source: Method: tent:	1		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1:	Source: Method: nent: <u>ck</u>	1 05		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material	Source: Method: nent: <u>ck</u>	1		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2:	Source: Method: nent: <u>ck</u>	1 05		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2: Mat2 Desc:	Source: Method: nent: <u>ck</u>	1 05		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2: Mat2 Desc: Mat3:	Source: Method: nent: <u>ck</u>	1 05		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2: Mat2 Desc: Mat3: Mat3 Desc:	Source: Method: nent: <u>ck</u>	1 05 CLAY		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth:	Source: Method: nent: <u>ck</u>	1 05 CLAY 0.0		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2: Mat3 Desc: Formation Top Depth: Formation End Depth:	Source: Method: tent: <u>ck</u>	1 05 CLAY 0.0 6.0		Location Method:	β9	
Remarks: Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comm Supplier Comment: Overburden and Bedrow Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth U	Source: Method: tent: <u>ck</u>	1 05 CLAY 0.0		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2 Desc: Mat3: Formation Top Depth: Formation End Depth: Formation End Depth U	Source: Method: hent: <u>ck</u> : ':	1 05 CLAY 0.0 6.0		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedron</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2 Desc: Mat3 Enrmation Top Depth: Formation End Depth: Formation End Depth U <u>Overburden and Bedron</u> <u>Materials Interval</u> Formation ID:	Source: Method: hent: <u>ck</u> : ':	1 05 CLAY 0.0 6.0 ft 931010594		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2 Desc: Mat3 Esc: Formation Top Depth: Formation End Depth: Formation End Depth U <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer:	Source: Method: hent: <u>ck</u> : ':	1 05 CLAY 0.0 6.0 ft 931010594 2		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2 Desc: Mat3 Desc: Formation Top Depth: Formation End Depth U <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Formation ID: Layer: Color:	Source: Method: hent: <u>ck</u> : ':	1 05 CLAY 0.0 6.0 ft 931010594 2 3		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth U <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color:	Source: Method: hent: <u>ck</u> : ':	1 05 CLAY 0.0 6.0 ft 931010594 2 3 BLUE		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Supplier Comment: <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2 Desc: Mat3 Desc: Formation End Depth: Formation End Depth U <u>Overburden and Bedroo</u> <u>Materials Interval</u> Formation ID: Layer: Color:	Source: Method: hent: <u>ck</u> : ':	1 05 CLAY 0.0 6.0 ft 931010594 2 3 BLUE 17		Location Method:	β9	
Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Source Revision Comm Supplier Comment: Descention ID: Layer: Color: General Color: Mat1: Most Common Material Mat2: Mat3 Desc: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth U Descburden and Bedroor Materials Interval Formation ID: Layer: Color: Color: Color: Color: Color: Color: Color: Color: Color: Color: Color: Color:	Source: Method: hent: <u>ck</u> : IOM: <u>ck</u>	1 05 CLAY 0.0 6.0 ft 931010594 2 3 BLUE		Location Method:	β9	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Mat2:					
Mat2 Desc:					
lat3:					
Mat3 Desc:	n Danéha	<u> </u>			
ormation To		6.0			
Formation En		90.0			
ormation En	d Depth UOM:	ft			
<u>Method of Co</u> Jse	nstruction & Well				
Method Cons	truction ID:	961508788			
	truction Code:	1			
Method Cons		Cable Tool			
	Construction:				
Pipe Informat	ion				
Pipe ID:		10579392			
Casing No:		1			
Comment:					
Alt Name:					
Construction	<u>Record - Casing</u>				
Casing ID:		930054277			
Layer:		2			
Material:		4			
Open Hole or	Material:	OPEN HOLE			
Depth From:					
Depth To:		90			
Casing Diame		5			
Casing Diame Casing Depth		inch ft			
Construction	<u>Record - Casing</u>				
Casing ID:		930054276			
Layer:		1			
Material:		1			
Open Hole or	Material:	STEEL			
Depth From:					
Depth To:		10			
Casing Diame	ter:	5			
Casing Diame		inch			
Casing Depth	UOM:	ft			
Results of We	II Yield Testing				
Pump Test ID	:	991508788			
Pump Set At: Static Level:		15.0			
	tor Dumning	15.0 25.0			
Final Level Af Recommende	d Pumping: d Pump Depth:	20.0			
Recommende					
Flowing Rate:					
	d Pump Rate:				
Levels UOM:	a i unip nate.	ft			
Rate UOM:		GPM			
	fter Test Code:	1			
Water State A		CLEAR			
nater State A		1			
Pumping Test		1			

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Pumping Durati Pumping Durati						
Flowing:		No				
Water Details						
Water ID:		933463462				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found De Water Found De		80.0 ft				
E7 4	of 1	65/024.9	81.9/2.00			
<u>57</u> 1	01 1	SE/231.8	81.9/2.00	ON		WWI
Well ID:	1508	3141		Data Entry Status:		
Construction Da		aatia		Data Src:	1	
Primary Water U		nestic		Date Received:	3/3/1953 True	
Sec. Water Use: Final Well Statu		or Supply		Selected Flag: Abandonment Rec:	ITue	
Water Type:	S. Walt	er Supply		Contractor:	3725	
Casing Material				Form Version:	1	
Audit No:	•			Owner:	•	
Tag:				Street Name:		
Construction Me	ethod:			County:	OTTAWA	
Elevation (m):				Municipality:	OTTAWA CITY	
Elevation Reliat	oility:			Site Info:		
Depth to Bedroo	ck:			Lot:		
Well Depth:				Concession:		
Overburden/Bed	drock:			Concession Name:		
Pump Rate:	_			Easting NAD83:		
Static Water Lev	/el:			Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate: Clear/Cloudy:				UTM Reliability:		
PDF URL (Map):		https://d2khazk8e	83rdv.cloudfront.n	et/moe_mapping/downloads	/2Water/Wells_pdfs/150\1508141.pdf	:
Additional Detai	i <u>l(s) (Map)</u>					
Well Completed		1952/12/05				
Year Completed	:	1952				
Depth (m): Latitude:		15.5448 45.372310489333	25			
Longitude:		-75.76049663674				
Path:		150\1508141.pdf				
Bore Hole Inforr	mation					
Bore Hole ID:		30176		Elevation:	81.688247	
DP2BR:	13.0	0		Elevrc:		
Spatial Status:				Zone:	18	
Code OB:	r Rođe	rook		East83:	440450.70	
Code OB Desc:	Bedr	IUCK		North83:	5024592.00	
Open Hole: Cluster Kind:				Org CS: UTMRC:	9	
Date Completed	· 05-D	Dec-1952 00:00:00		UTMRC: UTMRC Desc:	9 unknown UTM	
Remarks:	. 00-0			Location Method:	p9	
					1 -	
Elevrc Desc:						
	e Date:					

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
	t Location Method: sion Comment: nment:				
Overburden Materials Inte	<u>and Bedrock</u> erval				
Formation ID	) <u>:</u>	931008908			
Layer: Color:		2			
General Colo	or:				
Mat1:		15 LIMESTONE			
Most Commo Mat2: Mat2 Desc: Mat3:	on material:	LIMESTONE			
Mat3 Desc:					
Formation Te Formation E	op Depth: nd Dopth:	13.0 51.0			
	nd Depth UOM:	ft			
Overburden Materials Inte	and Bedrock erval				
Formation ID	):	931008907			
Layer:		1			
Color: General Colo	or:				
Mat1:		02			
Most Commo Mat2: Mat2 Desc: Mat3:	on Material:	TOPSOIL			
Mat3 Desc:					
Formation To	op Depth:	0.0			
Formation El Formation El	nd Depth: nd Depth UOM:	13.0 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction ID:	961508141			
Method Cons Method Cons	struction Code:	1 Cable Tool			
	d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10578746			
Casing No: Comment: Alt Name:		1			
<u>Construction</u>	n Record - Casing				
Casing ID:		930053013			
Layer:		2			
Material: Open Hole of Depth From:		4 OPEN HOLE			
Depth To: Casing Diam		51 4			

Map Key	Number Records		Elev/Diff (m)	Site		DB
Casing Diam Casing Depti		inch ft				
Construction	n Record - C	asing				
Casing ID:		930053012				
Layer:		1				
Material:		1				
Open Hole or		STEEL				
Depth From:		22				
Depth To: Casing Diam	otor	4				
Casing Diam		inch				
Casing Dept		ft				
Results of W	ell Yield Tes	sting				
Pump Test IL	D:	991508141				
Pump Set At:	:					
Static Level:		9.0				
Final Level A						
Recommend Rumping Rot		2 <b>ptn:</b> 122.0				
Pumping Rat Flowing Rate		122.0				
Recommende		ate:				
Levels UOM:		ft				
Rate UOM:		GPM				
Water State A						
Water State A		CLEAR				
Pumping Tes		1 0				
Pumping Duı Pumping Duı		30				
Flowing:		No				
Water Details	5					
Water ID:		933462533				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found Water Found		33.0 <b>1:</b> ft				
<u>58</u>	1 of 1	SW/232.8	80.9 / 1.00	ON		WWIS
Well ID:	_	1508231		Data Entry Status:		
Construction		Demestie		Data Src:	1	
Primary Wate Sec. Water U		Domestic 0		Date Received: Selected Flag:	10/25/1950 True	
Sec. water U Final Well Sta		0 Water Supply		Abandonment Rec:		
Water Type:				Contractor:	3725	
Casing Mater	rial:			Form Version:	1	
Audit No:				Owner:		
Tag:				Street Name:	OTT 010/0	
Construction				County: Municipality:	OTTAWA OTTAWA CITY	
				Municipality: Site Info:		
Elevation (m) Elevation Re				Lot:		
Elevation Re	Irock <sup>.</sup>					
Elevation Re Depth to Bed	lrock:			Concession:		
Elevation Re				Concession: Concession Name:		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	):			Northing NAD83: Zone: UTM Reliability:	
PDF URL (Ma	ap):				
Additional De	etail(s) (Map)				
Well Comple Year Comple Depth (m): Latitude: Longitude: Path:		1950/06/14 1950 18.288 45.3723727854538 -75.7646480132798			
Bore Hole Int	formation				
Improvement	13.00 s: r sc: Bedrock ted: 14-Jun- urce Date: t Location Source: t Location Method: sion Comment: nment: and Bedrock			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	82.012008 18 440125.70 5024602.00 9 unknown UTM p9
Formation ID Layer: Color: General Colo		931009126 3			
Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc:		15 LIMESTONE			
Formation To Formation Er	op Depth: nd Depth: nd Depth UOM:	13.0 60.0 ft			
<u>Overburden a</u> Materials Inte					
Formation ID Layer: Color: General Colo Mat1:	or:	931009124 1 02			
Most Commo Mat2: Mat2 Desc:	on Material:	TOPSOIL			

• •	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:	)onth.	0.0			
Formation Top D Formation End D	Depth: Depth:	10.0			
Formation End L	Depth UOM:	ft			
Overburden and	Bedrock				
Materials Interva					
Formation ID:		931009125			
Layer:		2			
Color:					
General Color: Mat1:		11			
Most Common N	laterial:	GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:	) and ha	10.0			
Formation Top D Formation End D	Depth:	10.0 13.0			
Formation End L		ft			
<u>Method of Const Use</u>	truction & Well				
Method Constru	ction ID:	961508231			
Method Constru		1			
Method Constru		Cable Tool			
Other Method Co	onstruction:				
Pipe Information	!				
Pipe ID:		10578836			
Casing No:		1			
Comment:					
Alt Name:					
Construction Re	cord - Casing				
Casing ID:		930053187			
Layer:		1			
Material: Open Hole or Ma	torial:	1 STEEL			
Depth From:		JILL			
Depth To:		14			
Casing Diameter	:	5			
Casing Diameter		inch			
Casing Depth U	ЭМ:	ft			
Construction Re	cord - Casing				
Casing ID:		930053188			
Layer:		2			
Material:	to vial				
Open Hole or Ma	tterial:	OPEN HOLE			
Depth From: Depth To:		60			
Casing Diameter		5			
Casing Diameter	r UOM:	inch			
Casing Depth UC					

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Results of W	ell Yield Te	sting					
Pump Test ID	D:		991508231				
Pump Set At:							
Static Level:			13.0				
Final Level A	fter Pumpin	ng:	35.0				
Recommende		epth:					
Pumping Rat			30.0				
Flowing Rate							
Recommende		ate:					
Levels UOM:			ft				
Rate UOM:	After Test C	a da i	GPM 1				
Water State A Water State A		ode:	CLEAR				
Pumping Tes			1				
Pumping Dur			0				
Pumping Dur			30				
Flowing:			No				
J. J							
Water Details	<u>8</u>						
Water ID:			933462650				
Layer:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found			50.0				
Water Found	Depth UOI	И:	ft				
<u>59</u>	1 of 1		E/233.6	80.6 / 0.69	ON		wwi
Well ID:		150879	2		Data Entry Status:		
	Date:	150879	2		Data Entry Status: Data Src:	1	
Construction Primary Wate	er Use:	Domest			Data Src: Date Received:	10/15/1951	
Construction Primary Wate Sec. Water U	er Use: lse:	Domest 0	tic		Data Src: Date Received: Selected Flag:		
Construction Primary Wate Sec. Water U Final Well Sta	er Use: lse:	Domest	tic		Data Src: Date Received: Selected Flag: Abandonment Rec:	10/15/1951 True	
Construction Primary Wate Sec. Water U Final Well Sta Water Type:	er Use: lse: atus:	Domest 0	tic		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	10/15/1951 True 5448	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater	er Use: lse: atus:	Domest 0	tic		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	10/15/1951 True	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No:	er Use: lse: atus:	Domest 0	tic		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	10/15/1951 True 5448	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag:	er Use:  se: atus: rial:	Domest 0	tic		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name:	10/15/1951 True 5448 1	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction	er Use:  se: atus: rial: n Method:	Domest 0	tic		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County:	10/15/1951 True 5448 1 OTTAWA	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m)	er Use: Ise: atus: rial: n Method: ):	Domest 0	tic		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	10/15/1951 True 5448 1	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m)	er Use: lse: atus: rial: n Method: ): liability:	Domest 0	tic		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	10/15/1951 True 5448 1 OTTAWA	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed	er Use: lse: atus: rial: n Method: ): liability:	Domest 0	tic		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	10/15/1951 True 5448 1 OTTAWA	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth:	er Use: Ise: atus: rial: n Method: ): liability: Irock:	Domest 0	tic		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession:	10/15/1951 True 5448 1 OTTAWA	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/I	er Use: Ise: atus: rial: n Method: ): liability: Irock:	Domest 0	tic		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name:	10/15/1951 True 5448 1 OTTAWA	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate:	er Use: Ise: atus: rial: n Method: ): liability: liability: Bedrock: Bedrock:	Domest 0	tic		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83:	10/15/1951 True 5448 1 OTTAWA	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water	er Use: lse: atus: rial: n Method: ): liability: frock: Bedrock: Level:	Domest 0	tic		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:	10/15/1951 True 5448 1 OTTAWA	
Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N) Flow Rate:	er Use: lse: atus: rial: n Method: ): liability: frock: Bedrock: Level:	Domest 0	tic		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	10/15/1951 True 5448 1 OTTAWA	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N,	er Use: lse: atus: rial: in Method: liability: liability: liability: Bedrock: Bedrock: Level: '):	Domest 0	tic		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:	10/15/1951 True 5448 1 OTTAWA	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation (m) Elevation (m) Elevation (m) Elevation (m) Depth to Bed Well Depth: Dverburden/I Pump Rate: Static Water I Flowing (Y/N, Flow Rate:	er Use: Ise: atus: rial: in Method: ): liability: liability: liability: Bedrock: Bedrock: Level: ):	Domest 0	tic Supply	3rdv.cloudfront.ne	Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	10/15/1951 True 5448 1 OTTAWA	
Construction Primary Wate Sec. Water U Final Well Sta Nater Type: Casing Mater Audit No: Fag: Construction Elevation (m) Elevation Red Depth to Bed Nell Depth: Dverburden/I Pump Rate: Static Water I Flowing (Y/N, Flow Rate: Clear/Cloudy PDF URL (Ma	er Use: Ise: atus: rial: iability: liability: lrock: Bedrock: Level: '): ': ap):	Domest 0 Water S	tic Supply	3rdv.cloudfront.ne	Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	10/15/1951 True 5448 1 OTTAWA OTTAWA CITY	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Clear/Cloudy PDF URL (Ma Additional De Well Complet	er Use: Ise: atus: rial: iability: liability: frock: Bedrock: Bedrock: Level: '): ': ap): etail(s) (Maj ted Date:	Domest 0 Water S	tic Supply https://d2khazk8e83 1951/07/19	3rdv.cloudfront.n	Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	10/15/1951 True 5448 1 OTTAWA OTTAWA CITY	
Construction Primary Wate Sec. Water U Final Well Sta Nater Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Diverburden/I Pump Rate: Static Water I Flow Rate: Clear/Cloudy PDF URL (Ma Additional De Nell Complet Year Complet	er Use: Ise: atus: rial: iability: liability: frock: Bedrock: Bedrock: Level: '): ': ap): etail(s) (Maj ted Date:	Domest 0 Water S	tic Supply https://d2khazk8e83 1951/07/19 1951	3rdv.cloudfront.n	Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	10/15/1951 True 5448 1 OTTAWA OTTAWA CITY	
Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Diverburden/I Pump Rate: Static Water I Flowing (Y/N, Flow Rate: Clear/Cloudy PDF URL (Ma Additional De Well Complet Year Complet Depth (m):	er Use: Ise: atus: rial: iability: liability: frock: Bedrock: Bedrock: Level: '): ': ap): etail(s) (Maj ted Date:	Domest 0 Water S	tic Supply https://d2khazk8e83 1951/07/19 1951 27.7368		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	10/15/1951 True 5448 1 OTTAWA OTTAWA CITY	
Construction Primary Wate Sec. Water U Final Well Sta Nater Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Diverburden/I Pump Rate: Clear/Cloudy PDF URL (Ma Additional De Nell Complet Year Complet Depth (m): Latitude:	er Use: Ise: atus: rial: iability: liability: frock: Bedrock: Bedrock: Level: '): ': ap): etail(s) (Maj ted Date:	Domest 0 Water S	tic Supply https://d2khazk8e83 1951/07/19 1951 27.7368 45.3740358750267		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	10/15/1951 True 5448 1 OTTAWA OTTAWA CITY	
Construction Primary Wate Sec. Water U Final Well Sta Vater Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Coerburden/I Pump Rate: Clear/Cloudy PDF URL (Ma Additional De Vell Complet Vear Complet Depth (m):	er Use: Ise: atus: rial: iability: liability: frock: Bedrock: Bedrock: Level: '): ': ap): etail(s) (Maj ted Date:	Domest 0 Water S	tic Supply https://d2khazk8e83 1951/07/19 1951 27.7368		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	10/15/1951 True 5448 1 OTTAWA OTTAWA CITY	

## Bore Hole Information

Bore Hole ID: DP2BR:	10030826 8.00	Elevation: Elevrc:	80.542724
Spatial Status:		Zone:	18
Code OB:	r	East83:	440630.70
Code OB Desc:	Bedrock	North83:	5024782.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	19-Jul-1951 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date Improvement Locatio Improvement Locatio	n Source:		

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

Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color:	931010604 1
General Color: Mat1: Most Common Material:	05 CLAY
Mat2: Mat2 Desc: Mat3:	
Mat3 Desc: Formation Top Depth: Formation End Depth:	0.0 8.0 ft
Formation End Depth UOM:	п

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

Formation ID: Layer:	931010605 2
Color: General Color:	
Mat1:	15
Most Common Material: Mat2:	LIMESTONE
Mat2 Desc:	
Mat3: Mat3 Desc:	
Formation Top Depth:	8.0
Formation End Depth:	91.0
Formation End Depth UOM:	ft

## Method of Construction & Well Use

Method Construction ID:	961508792
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

## Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID: Casing No: Comment: Alt Name:		10579396 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diam Casing Diam	eter:	930054285 2 4 OPEN HOLE 91 5 inch			
Casing Dept	h UOM:	ft			
Construction Casing ID: Layer: Material: Open Hole ou Depth From: Depth Fro: Casing Diam Casing Diam Casing Deptl	eter: eter UOM:	930054284 1 STEEL 12 5 inch ft			
<u>Results of W</u>	ell Yield Testing				
Recommend Pumping Rat Flowing Rate Recommend Levels UOM: Rate UOM:	fter Pumping: ed Pump Depth: e: ed Pump Rate: After Test Code: After Test: t Method: ration HR:	991508792 10.0 15.0 7.0 ft GPM 1 CLEAR 1 0 30 No			
Water Details	2				
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	933463466 1 1 FRESH 91.0 ft			
60	1 of 1	SW/237.7	80.9 / 1.00		BORE

Inclin FLG:

No

Borehole ID:

163

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612749

Order No: 21071500227

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	D
OGF ID:		21551405	5		SP Status:	Initial Entry
Status:					Surv Elev:	No
Type:		Borehole			Piezometer:	No
Use:					Primary Name:	
<b>Completion Da</b>	ate:				Municipality:	
Static Water L	.evel:	6.1			Lot:	
Primary Water	r Use:				Township:	
Sec. Water Us	e:				Latitude DD:	45.372195
Total Depth m	):	-999			Longitude DD:	-75.764454
Depth Ref:		Ground Su	Irface		UTM Zone:	18
Depth Elev:					Easting:	440141
Drill Method:					Northing:	5024582
Orig Ground E	Elev m:	79.2			Location Accuracy:	
Elev Reliabil N					Accuracy:	Not Applicable
DEM Ground L		82.3			Accuracy.	Not Applicable
Concession:	2107 111.	02.0				
Location D:						
Survey D: Comments:						
Borehole Geo	logy Strat	<u>um</u>				
Geology Strat	um ID:	21839234	2		Mat Consistency:	
Top Depth:		0			Material Moisture:	
Bottom Depth	12	.3			Material Texture:	
Material Color	<i></i>				Non Geo Mat Type:	
Material 1:		Sand			Geologic Formation:	
Material 2:					Geologic Group:	
Material 3:					Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material D	Description	n:			•	
Stratum Desci	•		SAND.			
Geology Strate Top Depth:	um ID:	21839234 .3	3		Mat Consistency: Material Moisture:	
		.s 6.1			Material Texture:	
Bottom Depth		0.1				
Material Color	-	Class			Non Geo Mat Type:	
Material 1:		Clay			Geologic Formation:	
Material 2:					Geologic Group:	
Material 3:					Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material L Stratum Descı			CLAY.			
Geology Strat	um ID:	21839234	4		Mat Consistency:	
Top Depth:		6.1			Material Moisture:	
Bottom Depth	:				Material Texture:	
Material Color		White			Non Geo Mat Type:	
Material 1:		Bedrock			Geologic Formation:	
Material 2:		Limestone			Geologic Group:	
Material 3:					Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material L	Descrintio	n:			- opeonional deni	
Stratum Desci			BEDROCK WHITE	WATER STARLE	AT 240 0 FEET 00013 00	8 00025 010 00013009000250930000 **Note:
Cautani De301					ent have a truncated [Strat	
<u>Source</u>		Data Cum	әу		Source Appl:	Spatial/Tabular
<u>Source</u> Source Type:		Data Surv				
Source Type:			Survey of Canada		Source Iden:	1
Source Type:			Survey of Canada		Source Iden: Scale or Res:	1 Varies
Source Type: Source Orig: Source Date:		Geologica			Scale or Res:	
Source Type: Source Orig:		Geologica 1956-1972				Varies

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Order No: 21071500227

Map Key	Number Records		irection/ Distance (m)	Elev/Diff (m)	Site		DE
Source Detail Confiden 1:	ls:				0 NTS_Sheet: 31G05C omplete description of mate	erial and properties.	
Source List							
Source Identi Source Type: Source Date: Scale or Reso Source Name Source Origin	olution:		an Geology Auto logical Survey c		Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS)	NAD27 Mean Average Sea Level Universal Transverse Mercator	
<u>61</u>	1 of 1	ES	E/242.1	80.9 / 1.00	ON		www
Vell ID: Construction Primary Wate Sec. Water Us Final Well Sta Vater Type: Casing Mater Audit No: Fag: Construction Flevation Rel Depth to Bed Vell Depth: Dverburden/Ib Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy.	er Use: se: atus: ial: Method: : liability: rock: Bedrock: Bedrock: Level: ):	1508384 Domestic 0 Water Supply			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 7/28/1952 True 3725 1 OTTAWA OTTAWA CITY	
PDF URL (Ma		https	s://d2khazk8e83	Brdv.cloudfront.ne	t/moe_mapping/downloads	/2Water/Wells_pdfs/150\1508384.pdf	
Additional De	etail(s) (Maj	<u>o)</u>					
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:		1952 27.4 45.3 -75.					
Bore Hole Inf	ormation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc:	s: sc: ted:	10030418 12.00 r Bedrock 14-Jun-1952 0	0:00:00		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	80.946617 18 440605.70 5024702.00 5 margin of error : 100 m - 300 m p5	
Location Sou Improvement Improvement	Location S						
mprovement							
		<u>om</u>   Environm	antal Dials Info			Order No: 2107	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DI
Source Revis Supplier Con	ion Comment: nment:				
Overburden a Materials Inte					
Formation ID	:	931009545			
Layer:		2			
Color:		3			
General Colo Mat1:	r:	BLUE 17			
Matt: Most Commo	n Material:	SHALE			
Mat2:	in material.				
Mat2 Desc:					
Mat3:					
Mat3 Desc:	n Donth	12.0			
Formation To Formation En		90.0			
Formation Er	d Depth UOM:	ft			
<u>Overburden a</u> Materials Inte					
Formation ID		931009544			
Layer:		1			
Color:		•			
General Colo	r:				
Mat1:		05			
Most Commo Mat2:	n Material:	CLAY			
Mat2 Desc:					
Mat3:					
Mat3 Desc: Formation To	n Denth	0.0			
Formation Er		12.0			
Formation Er	d Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well	<u>L</u>			
Method Cons	truction ID: truction Code:	961508384 1			
Method Cons		Cable Tool			
	Construction:				
Pipe Informat	<u>tion</u>				
Pipe ID:		10578988			
Casing No:		1			
Comment: Alt Name:					
Construction	Record - Casing				
Casing ID:		930053483			
Layer:		1			
Material:	Motorial	1 87551			
Open Hole or Depth From:	waterial:	STEEL			
Depth To:		21			
Casing Diam	eter:	4			
On a lun Diama	eter UOM:	inch			

Мар Кеу	Number Records			Site	DB
Casing Depth	UOM:	ft			
<u>Construction</u>	Record - C	asing			
Casing ID:		930053484			
Layer:		2			
Material:	Matarial	4 OPEN HOLE			
Open Hole or Depth From:	wateriai:				
Depth To: Casing Diame	tor:	90 4			
Casing Diame		inch			
Casing Depth		ft			
<u>Results of We</u>	ell Yield Tes	sting			
Pump Test ID Pump Set At:		991508384			
Static Level:		12.0			
Final Level A	fter Pumpin				
Recommende					
Pumping Rate Flowing Rate		1.0			
Recommende		nte:			
Levels UOM:		ft			
Rate UOM: Water State A	Hor Toot C	GPM ode: 1			
Water State A		CLEAR			
Pumping Tes	t Method:	1			
Pumping Dur		0			
Pumping Dur Flowing:	ation Min:	30 No			
Water Details					
<u>Huter Details</u>					
Water ID:		933462866			
Layer: Kind Code:		1 1			
Kind:		FRESH			
Water Found		47.0			
Water Found	Depth UON	<b>1:</b> ft			
<u>62</u>	1 of 1	ESE/249.5	80.9 / 1.00	PETRO-CANADA 861 KILEEN AVENUE TANK TRUCK (CARGO) OTTAWA CITY ON	SPL
Ref No:		81587		Discharger Report:	
Site No: Incident Dt:		2/6/1993		Material Group: Health/Env Conseq:	
Year: Incident Caus	e:	PIPE/HOSE LEAK		Client Type: Sector Type:	
Incident Even				Agency Involved:	
Contaminant				Nearest Watercourse:	
Contaminant Contaminant				Site Address: Site District Office:	
Contam Limit				Site Postal Code:	
Contaminant	UN No 1:			Site Region:	
Environment		NOT ANTICIPATED Soil contamination		Site Municipality: 20101 Site Lot:	
Nature of Imp Receiving Me		LAND		Site Lot: Site Conc:	
Receiving En				Northing:	
Receiving En					

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Dt MOE Arvl o MOE Reporte	d Dt:	2/6/1993			Site Geo Ref Accu: Site Map Datum:	
Dt Document Incident Reas Site Name:	son:	ICE/FROST D	AMAGE		SAC Action Class: Source Type:	
Site County/E Site Geo Ref Incident Sum Contaminant	Meth: mary:	PET	RO-CANADA -	20L FURNACE OIL	. TO LAND DURING DELIVERY.	
<u>63</u>	1 of 1	E/2	249.6	80.9 / 1.00	850 RIDDELL AVENUE NORTH OTTAWA ON K2A 2V9	HINC
External File Fuel Occurren Date of Occur Fuel Type Inv Status Desc: Job Type Des Oper. Type Intern Property Dam Fuel Life Cyc. Root Cause: Reported Det Fuel Category Occurrence T Affiliation: County Name Approx. Quan Enter Drainag Approx. Quan Environmenta	nce Type: rrence: rolved: volved: uptions: nage: le Stage: ails: y: ype: ype: c: nt. Rel: of water: ge Syst.: nt. Unit:	Pipe 6/24 Natu Con Incio Con Yes Yes Trar Roo Mar Gas Incio	struction Site (p nsmission, Distr t Cause: Equipt nagement:Yes seous Fuel dent ustry Stakeholde	I Analysis(End) Occurrence (FS) ipeline strike) ibution and Transpo nent/Material/Comp Human Factors:Ye	onent:No Procedures:Yes Maintenance:No Desigr	n:No Training:N
<u>64</u>	1 of 1	N	NW/249.6	77.1 / -2.80	PIPELINE HIT 1/2" 658 SHERBOURNE RD,,OTTAWA,ON,K2A 3H3, CA ON	PINC
Incident ID:					Fuel Category:	
Incident No:		1403100			Health Impact:	
Incident Repo Type:	orted Dt:	5/27/2014 FS-Pipeline In	cident		Environment Impact: Property Damage:	
Status Code:		·			Service Interupt:	
Customer Ac Incident Addi		PIPELINE HIT 658 SHERBO 3H3,CA	1/2" URNE RD,,OTT	awa,on,k2a	Enforce Policy: Public Relation:	
Tank Status:		Non Mandated	d		Pipeline System:	
Task No: Spills Action	Centre:				Depth: Pipe Material:	
Fuel Type:	_				PSIG:	
Fuel Occurren Date of Occur Occurrence S Operation Typ Pipolino Type	rrence: Start Dt: pe:				Attribute Category: Regulator Location: Method Details:	
Pipeline Type Regulator Tyj Summary: Reported By: Affiliation:	be:					

Мар Кеу	Numbei Record:		Elev/Diff ) (m)	Site	DB
Occurrence Damage Rea Notes:					
<u>65</u>	1 of 1	NW/249.9	76.1 / -3.75	PRIVATE RESIDENCE 731 COURTNEY AVENUE FURNACE OIL TANK OTTAWA CITY ON	SPL
Ref No: Site No: Incident Dt: Year: Incident Cau Incident Eve Contaminan Contaminan Contaminan Contaminan Environmen Nature of Im Receiving E MOE Report Dt MOE Report Dt Documer Incident Rea	use: ent: ent Code: et Name: et Limit 1: et IN No 1: et IM No 1: et Impact: npact: ledium: env: nse: l on Scn: ted Dt: et Closed:	196191 3/8/2001 PIPE/HOSE LEAK Not Anticipated Soil contamination Land 3/9/2001 EQUIPMENT FAILURE		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site Address: Site District Office: Site Postal Code: Site Postal Code: Site Region: Site Region: Site Region: Site Kagion: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	
Site Name: Site County, Site Geo Re Incident Sur Contaminan	f Meth: mmary:	PRIVATE RESID	ENCE- 250 MLFUI	RNACE OIL TO ASPHALT, CLEANED,FILL PIPE LEAK.	

# Unplottable Summary

## Total: 13 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
СА	L.SIPOLINS	SOUTH OF CARLING AVE.	OTTAWA CITY ON	
СА	City of Ottawa	Carling Avenue (Road allownce)	Ottawa ON	
СА	City of Ottawa	Killeen Ave	Ottawa ON	
СА	City of Ottawa	Carling Ave	Ottawa ON	
СА	OTTAWA CITY	KILLEEN AVE.	OTTAWA CITY ON	
CA	City of Ottawa	Riddell Avenue Riddell Avenue from Carling Avenue to Garfield Avenue	Ottawa ON	
CONV	ONTARIO HYDRO		TORONTO ON	
ECA	City of Ottawa	Carling Ave	Ottawa ON	K2G 6J8
ECA	City of Ottawa	Carling Ave	Ottawa ON	K2G 6J8
PINC	PIPELINE HIT 2"	LIFT LN LOT 28,,OTTAWA,ON,K1A,CA	ON	
SPL	HOTEL/MOTEL	CARLING AVENUE (N.O.S.)	OTTAWA CITY ON	
SPL	OTTAWA TRANSIT	CARLING AVENUE BUS	OTTAWA ON	
WWIS		lot 27	ON	

# **Unplottable Report**

#### <u>Site:</u> L.SIPOLINS SOUTH OF CARLING AVE. OTTAWA CITY ON

7-1008-85-006

Municipal water Approved

Approved

85 11/15/85

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:

#### City of Ottawa Carling Avenue (Road allownce) 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:

<u>Site:</u> City of Ottawa Killeen Ave 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: 4171-7F4KG2 2008 6/2/2008 Municipal and Private Sewage Works Approved

<u>Site:</u> City of Ottawa Carling Ave Ottawa ON

#### Certificate #:

2472-8GRQTN

## 3615-6QHRAR 2006 6/13/2006 Municipal and Private Sewage Works

# 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:** 

2011 5/20/2011 Municipal and Private Sewage Works Approved

#### OTTAWA CITY Site: KILLEEN AVE. OTTAWA 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:** 

3-1184-86-86 8/22/1986 Municipal sewage Approved

#### Database: CA

Database:

CA

#### Site: City of Ottawa

### Riddell Avenue Riddell Avenue from Carling Avenue to Garfield Avenue 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:** 

4531-73UHP5 2007 6/17/2007 Municipal and Private Sewage Works Approved

ONTARIO HYDRO Site: Database: TORONTO ON CONV File No: Location: SOUTH EAST REGION Crown Brief No: Region: Court Location: **Ministry District: Publication City:** Publication Title: Act: Act(s): First Matter: Second Matter: Investigation 1: Investigation 2:

## DISCHARGING MATERIAL LIKELY TO IMPAIR WATER QUALITY

172

Penalty Imposed: Description:

Background:

URL:

#### Additional Details

Publication Date:	
Count:	1
Act:	OWRA
Regulation:	
Section:	16(1)
Act/Regulation/Section:	OWRA16(1)
Date of Offence:	
Date of Conviction:	
Date Charged:	92/01/07
Charge Disposition:	
Fine:	20000
Synopsis:	

#### Site: City of Ottawa Carling Ave Ottawa ON K2G 6J8

3723-9ATJC6 Approval No: **MOE District:** Approval Date: 2013-08-30 City: Status: Approved Longitude: Record Type: ECA Latitude: IDS Link Source: Geometry X: SWP Area Name: Geometry Y: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Approval Type: Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS City of Ottawa **Business Name:** Address: Carling Ave Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9325-9AMR2C-14.pdf

#### Site: City of Ottawa Carling Ave Ottawa ON K2G 6J8

Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link:

2472-8GRQTN 2011-05-20 Approved ECA IDS City of Ottawa

**MOE District:** City: Longitude: Latitude: Geometry X: Geometrv Y: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS

https://www.accessenvironment.ene.gov.on.ca/instruments/5823-8GCKK6-14.pdf

#### Site: **PIPELINE HIT 2"** LIFT LN LOT 28,,OTTAWA,ON,K1A,CA ON

Incident ID: Incident No: Incident Reported Dt: Type: Status Code: Customer Acct Name: Incident Address: Tank Status: Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp:

2407046 9/26/2018 **FS-Pipeline Incident** 

Carling Ave

**PIPELINE HIT 2"** LIFT LN LOT 28,,OTTAWA,ON,K1A,CA Pipeline Damage Reason Est

Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category:

### 173

Database: ECA

Database: ECA

> Database: PINC

Date of Occurrence: Occurrence Start Dt: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: Regulator Location: Method Details:

### <u>Site:</u> HOTEL/MOTEL CARLING AVENUE (N.O.S.) OTTAWA CITY ON

Ref No: 84065 Discharger Report: Site No: Material Group: Incident Dt: 4/14/1993 Health/Env Conseq: Year: Client Type: Incident Cause: UNDERGROUND 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: CONFIRMED Site Municipality: 20101 Nature of Impact: Soil contamination Site Lot: Receiving Medium: LAND Site Conc: Receiving Env: Northing: MOE Response: MCCR Easting: Dt MOE Arvl on Scn: Site Geo Ref Accu: Site Map Datum: MOE Reported Dt: 4/14/1993 **Dt Document Closed:** SAC Action Class: Incident Reason: CORROSION Source Type: Site Name: Site County/District:

EMBASSY WEST HOTEL: FUEL-CONTAMINATED SOIL FOUND BY UNDERGROUND TANK

### <u>Site:</u> OTTAWA TRANSIT CARLING AVENUE BUS OTTAWA ON

Site Geo Ref Meth:

Incident Summary: Contaminant Qty:

Ref No: Site No:	187680	Discharger Report: Material Group:	
Incident Dt: Year:	9/29/2000	Health/Env Conseq: Client Type:	
Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1:	PIPE/HOSE LEAK	Sector Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	20107
Nature of Impact: Receiving Medium: Receiving Env:	Water course or lake WATER	Site Lot: Site Conc: Northing:	
MOE Response: Dt MOE Arvl on Scn:		Easting: Site Geo Ref Accu:	PUBLIC WORKS, FIRE DEPARTMENT
MOE Reported Dt: Dt Document Closed:	9/29/2000	Site Map Datum: SAC Action Class:	
Incident Reason: Site Name: Site County/District:	UNKNOWN	Source Type:	

Database: <mark>SPL</mark>

Database:

SPL

## OC TRANSPO:DIESEL FUEL LEAK FROM FUEL PUMP/LINE INTO SEWER-WORKS NOTIFIED

## Site:

Data Src:1Date Received:12/13/1982Selected Flag:TrueAbandonment Rec:Contractor:Contractor:1558Form Version:1Owner:Street Name:County:OTTAWAMunicipality:OTTAWA CSite Info:027Concession:027Concession Name:Easting NAD83:Zone:UTM Reliability:
Selected Flag:TrueAbandonment Rec:TrueContractor:1558Form Version:1Owner:1Street Name:OTTAWACounty:OTTAWAMunicipality:OTTAWA CSite Info:027Lot:027Concession:Concession Name:Easting NAD83:Northing NAD83:Zone:State State St
Abandonment Rec:Contractor:1558Form Version:1Owner:1Street Name:OTTAWACounty:OTTAWA CMunicipality:OTTAWA CSite Info:027Lot:027Concession:Concession:Concession Name:Easting NAD83:Northing NAD83:Zone:
Contractor:1558Form Version:1Owner:1Street Name:OTTAWACounty:OTTAWA CMunicipality:OTTAWA CSite Info:027Lot:027Concession:ConcessionConcession Name:Easting NAD83:Northing NAD83:Zone:
Contractor:1558Form Version:1Owner:1Street Name:OTTAWACounty:OTTAWA CMunicipality:OTTAWA CSite Info:027Lot:027Concession:ConcessionConcession Name:Easting NAD83:Northing NAD83:Zone:
Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:
Street Name:County:OTTAWAMunicipality:OTTAWA CSite Info:027Lot:027Concession:Concession Name:Easting NAD83:Northing NAD83:Zone:Concesting Name:
County: OTTAWA Municipality: OTTAWA C Site Info: Lot: 027 Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:
Municipality: OTTAWA C Site Info: Lot: 027 Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:
Municipality:OTTAWA CSite Info:027Lot:027Concession:Concession Name:Easting NAD83:Northing NAD83:Zone:Concesting NAD83:
Site Info: Lot: 027 Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:
Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:
Concession Name: Easting NAD83: Northing NAD83: Zone:
Easting NAD83: Northing NAD83: Zone:
Northing NAD83: Zone:
Zone:
UTM Reliability:
Elevation:
Elevrc:
<b>Zone:</b> 18
East83:
North83:
Org CS:
<b>UTMRC:</b> 9
UTMRC Desc: unknown U
Location Method: na

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

Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931037131 4 2 GREY 15 LIMESTONE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	27.0 100.0 ft

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

Database: WWIS

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	931037128 1 6 BROWN 05 CLAY
<i>Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 10.0 ft

## Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desce	931037130 3 8 BLACK 17 SHALE 85 SOFT
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	15.0 27.0 ft

## Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931037129 2 2 GREY 05 CLAY
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	10.0 15.0 ft

## Method of Construction & Well Use

Method Construction ID:	961518033
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

## Pipe Information

Pipe ID:	10588474
Casing No:	1
Comment:	
Alt Name:	

## Construction Record - Casing

Casing ID:	930069712
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	23
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

## Construction Record - Casing

Casing ID: Layer:	930069713 2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	100
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

## Results of Well Yield Testing

Pump Test ID: Pump Set At:	991518033
Static Level:	15.0
Final Level After Pumping:	50.0
Recommended Pump Depth:	60.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

## Draw Down & Recovery

Pump Test Detail ID:	934103360
Test Type:	Draw Down
Test Duration:	15
Test Level:	50.0
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934377689
Test Type:	Draw Down
Test Duration:	30
Test Level:	50.0
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934647523
Test Type:	Draw Down
Test Duration:	45
Test Level:	50.0
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934896797
Test Type:	Draw Down
Test Duration:	60
Test Level:	50.0
Test Level UOM:	ft

## Water Details

Water ID:	933474659
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	97.0
Water Found Depth UOM:	ft

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. Note: Databases denoted with "\*" indicates that the database will no longer be updated. See the individual database description for more information.

## Abandoned Aggregate Inventory:

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

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Provincial AAGR

AGR

AMIS

ANDR

AST

AUWR

Provincial

Provincial

Private

Provincial

Private

Provincial

#### Certificates of Approval:

#### 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

Dry Cleaning Facilities:

Commercial Fuel Oil Tanks: CFOT Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this

diesel tanks. Records are not verified for accuracy or completeness.

# 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

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

Compressed Natural Gas Stations: Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance. Government Publication Date: Dec 2012 - Apr 2021

COAL This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.\*

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law. Government Publication Date: 1989-Nov 2020

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-May 31, 2021

tetrachloroethylene to the environment from dry cleaning facilities. Government Publication Date: Jan 2004-Dec 2018

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

listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

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

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA).

Government Publication Date: Jul 31, 2020

## Chemical Manufacturers and Distributors:

(i.e. fractionation, solvent extraction, crystallization, etc.). Government Publication Date: 1999-Jan 31, 2020

## **Chemical Register:**

## Inventory of Coal Gasification Plants and Coal Tar Sites:

## Government Publication Date: Apr 1987 and Nov 1988\*

# **Compliance and Convictions:**

## Certificates of Property Use:

180

Provincial

CA

CDRY

Federal

Provincial

Private

Private

CHEM

CHM

CNG

CONV

Private

Provincial

Provincial

Provincial

CPU

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## Drill Hole Database:

## Government Publication Date: 1886 - Sep 2020 **Delisted Fuel Tanks:**

Environmental Activity and Sector Registry:

company map; or from submitted a "Report of Work".

regulatory agency under Access to Public Information.

# Government Publication Date: Jul 31, 2020

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database. Government Publication Date: Oct 2011-May 31, 2021

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

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994-May 31, 2021

### Environmental Compliance Approval:

Environmental Registry:

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- May 31, 2021

### Environmental Effects Monitoring:

ERIS Historical Searches:

181

fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data. Government Publication Date: 1992-2007\*

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Jan 31, 2021

### Environmental Issues Inventory System:

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\*

Provincial

Provincial

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

Provincial

Provincial

Federal The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of

Private

Federal

## DRI

DTNK

EASR

FBR

**FCA** 

EEM

EHS

FIIS

#### Emergency Management Historical Event:

#### under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

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

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, 2020

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: 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-Apr 2021

#### 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:

182

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

**FMHF** 

Provincial

Provincial

Provincial

Federal

Federal

Federal

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

EXP

FCS

FOFT

FRST

FST

#### Order No: 21071500227

#### 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-Apr 30, 2021

#### Greenhouse Gas Emissions from Large Facilities:

## Government Publication Date: 2013-Dec 2019

dioxide equivalents (kt CO2 eq).

**TSSA Historic Incidents:** 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:

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\*

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

Fuel Oil Spills and Leaks:

#### 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:

183

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\*

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

Provincial HINC

Federal

Provincial

Provincial

Private

**FSTH** 

GEN

GHG

IAFT

INC

LIMO

Provincial

Provincial

Federal

#### 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-Dec 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: 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, 2019

#### 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 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. Government Publication Date: 2001-Apr 2007\*

(NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal

#### National Energy Board Pipeline Incidents:

# Government Publication Date: 2008-Mar 31, 2021

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

National Defence & Canadian Forces Waste Disposal Sites:

#### National Energy Board Wells:

184

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003\*

NCPL

Federal

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

Federal

Federal

Federal Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board

Federal

Provincial

**MNR** 

NATE

NDFT

NDWD

NFBI

NEBP

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

Federal

Provincial

NDSP

#### 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.

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All

Government Publication Date: 1988-Feb 28, 2021

#### Ontario Oil and Gas Wells:

Oil and Gas Wells:

Orders:

185

#### 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-Apr 30, 2021

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

**NPRI** 

OGWF

OOGW

Provincial

Provincial

Private

Federal

NFFS

Federal

Private

Provincial

Federal

Federal

ORD

PCFT

NPCB

186

#### 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-May 31, 2021

#### **Pipeline Incidents:**

Permit to Take Water:

Pesticide Register:

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\*

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-May 31, 2021

Ontario Regulation 347 Waste Receivers Summary: REC Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data. Government Publication Date: 1986-1990, 1992-2018

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

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

#### Retail Fuel Storage Tanks:

Record of Site Condition:

# or propane storage tanks.

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.

Provincial **Ontario Spills:** List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and /

Government Publication Date: 1999-Dec 31, 2020

#### Scott's Manufacturing Directory:

#### Government Publication Date: 1992-Mar 2011\*

(approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Aug 2020

Provincial

PES

PINC

PRT

**PTTW** 

Provincial

Provincial

Provincial

Private

Private

#### Provincial

Provincial

RSC

RST

SCT

SPL

#### Order No: 21071500227

#### 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

#### Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2018

#### 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.

Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power

Government Publication Date: 1915-1953\*

Anderson's Storage Tanks:

#### 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 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

#### Variances for Abandonment of Underground Storage Tanks:

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:

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011-May 31, 2021

#### Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

erisinfo.com | Environmental Risk Information Services

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990\*

#### Water Well Information System:

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, 2021

Provincial

#### SRDS

TANK

TCFT

VAR

WDS

**WDSH** 

Private

Federal

Provincial

Provincial

Provincial

Provincial

**WWIS** 

## 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.

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

Requester Data			For Ministry Use Only		
Name, Title, Company Name and Mailing Address of Requester			FOI Request No.		FOI Co-ordinator Review date
Julie Crooks					
Pinchin Ltd.			Date Request Received		Fee Paid
1 Hines Road, Suite 200					~ ACCT ~ CHQ
Kanata, Ontario					☑ VISA ~ CASH
K2K 3C7			Response Due Date		
For questions or concerns ple					
jcrooks@pinchin.com					
Telephone/Fax Nos.	Your Project/Reference	Signature of Requester	🗆 CNR 🗆 ER		□ NOR □ SWR □
Tel: (613) 592-3387 ext	No.	Kinto	WCR		
1833	295895	Lucches		IEB	
Fax (613) 592-5897		V			
Request Parameters					
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)					
1951, 1967 and 1983 Carling Ave Ottawa					
(one Site) Present Property Owner(s) and Date(s) of Ownership					
Previous Property Owner(s) and Date(s) of Ownership					
revious rioperty Owner(s) and Date(s) of Ownership					
Present/Previous Tenant(s),(if applicable)					
Search Parameters					Specify Year(s)
Files older than 2 years may require \$60.00 retrieval cost.					Requested
There is no guarantee that records responsive to your request will be located.					-
Environmental concerns (General correspondence, occurrence reports, abatement)					ALL
Orders					ALL
Spills					ALL
Investigations/prosecutions   Owner/tenant information must be provided					ALL
Waste Generator number/classes					ALL
Certificates of Approval    Proponent information must be provided					
1985 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be					
searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g.					
maps, plans, hydrogeological reports, etc.					Specify Year(s) Requested
air – emissions					
water - mains, treatment, ground level, standpipes & elevated storage,					
pumping stations (local & booster)					
sewage - sanitary, storm, treatment, stormwater, leachate & leachate					
treatment & sewage pump stations					
waste water - industrial discharge					
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites					
waste     - haulers: sewage, non-hazardous & hazardous waste					
systems - mobile waste processing units					
- PCB destruction					
pesticides - licenses					

Ministry of the Environment and Climate Change

Freedom of Information and Protection of Privacy Office

12<sup>th</sup> Floor 40 St. Clair Avenue West Toronto ON M4V 1M2 Tel: (416) 314-4075 Fax: (416) 314-4285 Ministère de l'Environnement et de l'Action en matière de changement climatique

Bureau de l'accès à l'information et de la protection de la vie privée

12° étage 40, avenue St. Clair ouest Toronto ON M4V 1M2 Tél.: (416) 314-4075 Téléc.: (416) 314-4285



May 30, 2018

Julie Roy Pinchin Ltd. 1 Hines Road, Suite 200 Kanata, ON K2K 3C7

Dear Julie Roy:

#### RE: Freedom of Information and Protection of Privacy Act Request Our File # A-2018-03539, Your Reference 223931

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 1951, 1967, 1983 Carling Avenue, Ottawa.

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is \$30.00 for 1 hour of search time @ \$30.00 per hour. We have applied the \$30.00 for this request from your initial payment. This file is now closed.

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Andrea LiCalzi at Andrea.LiCalzi@ontario.ca.

Yours truly,

Janet Dadufalza FOI Manager

APPENDIX G TSSA Search Results



345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel.: 416.734.3300 Fax: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

Tel: (416) 734-3383 Fax: (416) 231-6183 Email: publicinformationservices@tssa.org

### 24 August 2018

Julie Roy Pinchin Ltd. 200 – 1 Hines Road Kanata, ON K2K 2X3

Subject:1951 Carling Avenue, Ottawa, OntarioYour File No.:223931Our File No.:FS 00261SR No.:2319954

Dear Sir/Madam:

We are in receipt of your correspondence wherein you requested information regarding the above noted subject.

A search of our database and archives did not produce any Fuel Safety records.

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

Trusting the attached satisfies your request; however, should you have any questions, please contact Public Information at <u>publicinformationservices@tssa.org</u>.

Yours truly,

(`DZ/

Connie Hill Public Information Agent



345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel.: 416.734.3300 Fax: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

Tel: (416) 734-3383 Fax: (416) 231-6183 Email: publicinformationservices@tssa.org

### 24 August 2018

Julie Roy Pinchin Ltd. 200 – 1 Hines Road Kanata, ON K2K 2X3

Subject:1967 Carling Avenue, Ottawa, OntarioYour File No.:223931Our File No.:FS 00262SR No.:2319970

Dear Sir/Madam:

We are in receipt of your correspondence wherein you requested information regarding the above noted subject.

A search of our database and archives did not produce any Fuel Safety records.

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

Trusting the attached satisfies your request; however, should you have any questions, please contact Public Information at <u>publicinformationservices@tssa.org</u>.

Yours truly,

('P#

Connie Hill Public Information Agent



345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel.: 416.734.3300 Fax: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

24 August 2018

Julie Roy Pinchin Ltd. 1 Hines Road, Suite 200 Kanata, ON K2K 2X3

Subject: 1983 Carling Avenue, Ottawa Your File No. 223931 00263 FS SR 2319978

Dear Madam,

We are in receipt of your correspondence wherein you requested information regarding the above noted subject.

A search of our database and archives did not produce the requested fuel safety records.

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

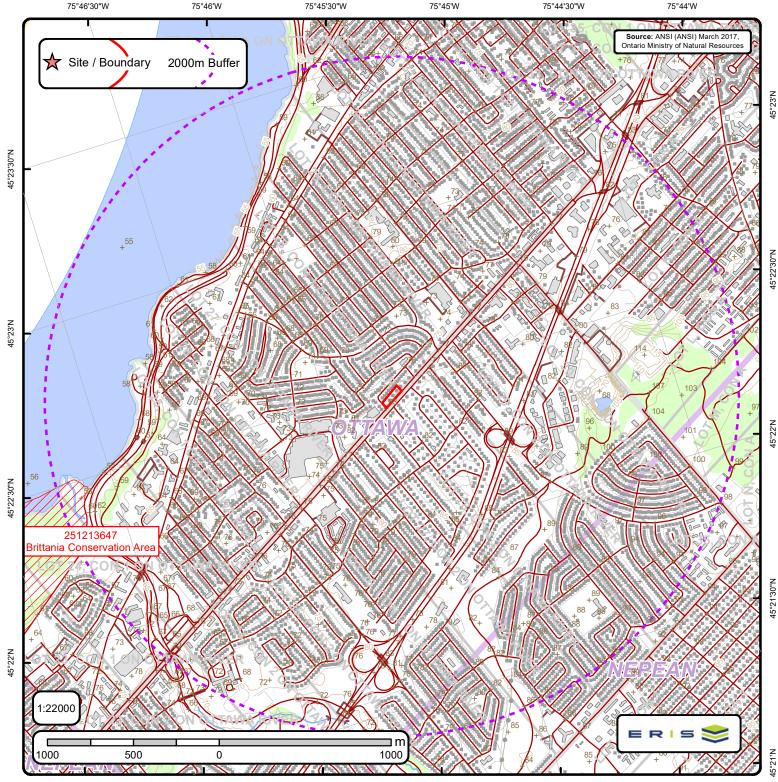
Should you have any questions, please contact Public Information at publicinformationservices@tssa.org.

Yours truly,

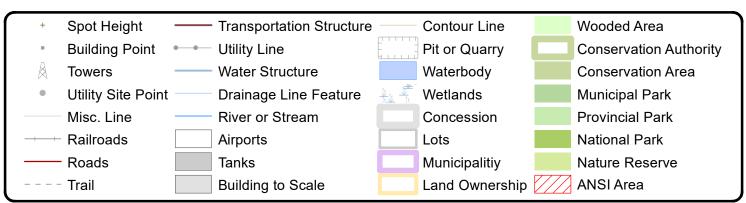
GayaNair

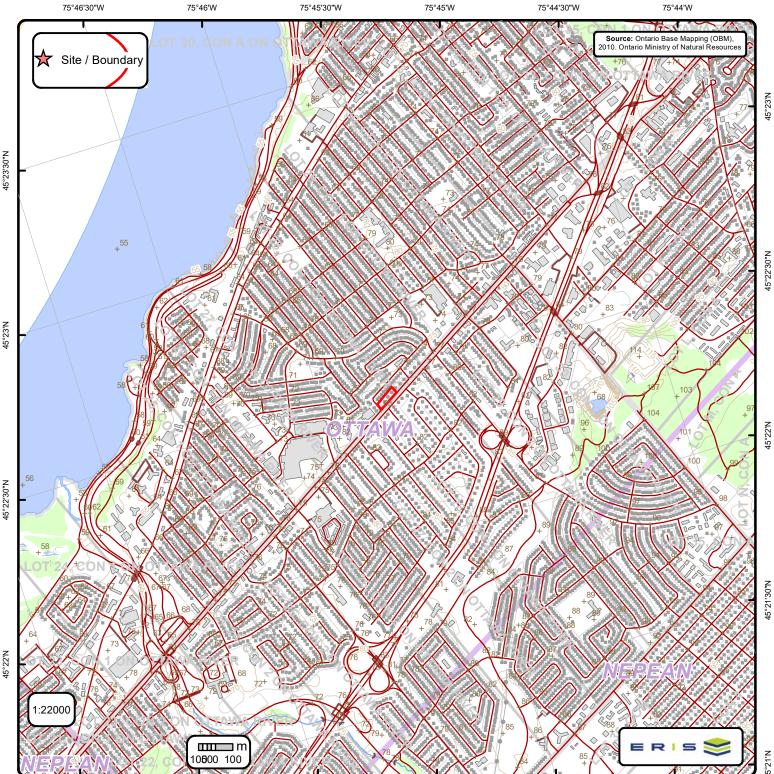
Gaya Nair Public Information Services

APPENDIX H Maps

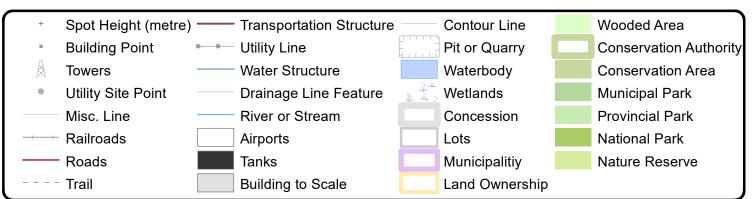


# Area of Natural & Scientific Interest (ANSI) Order No. 21071500227





# **Ontario Base Mapping (OBM) Data**



Order No. 21071500227