



**REPORT**

# Phase One Environmental Site Assessment

*1047 Richmond Road, Ottawa, Ontario*

Submitted to:

**Fengate Development Holdings LP**

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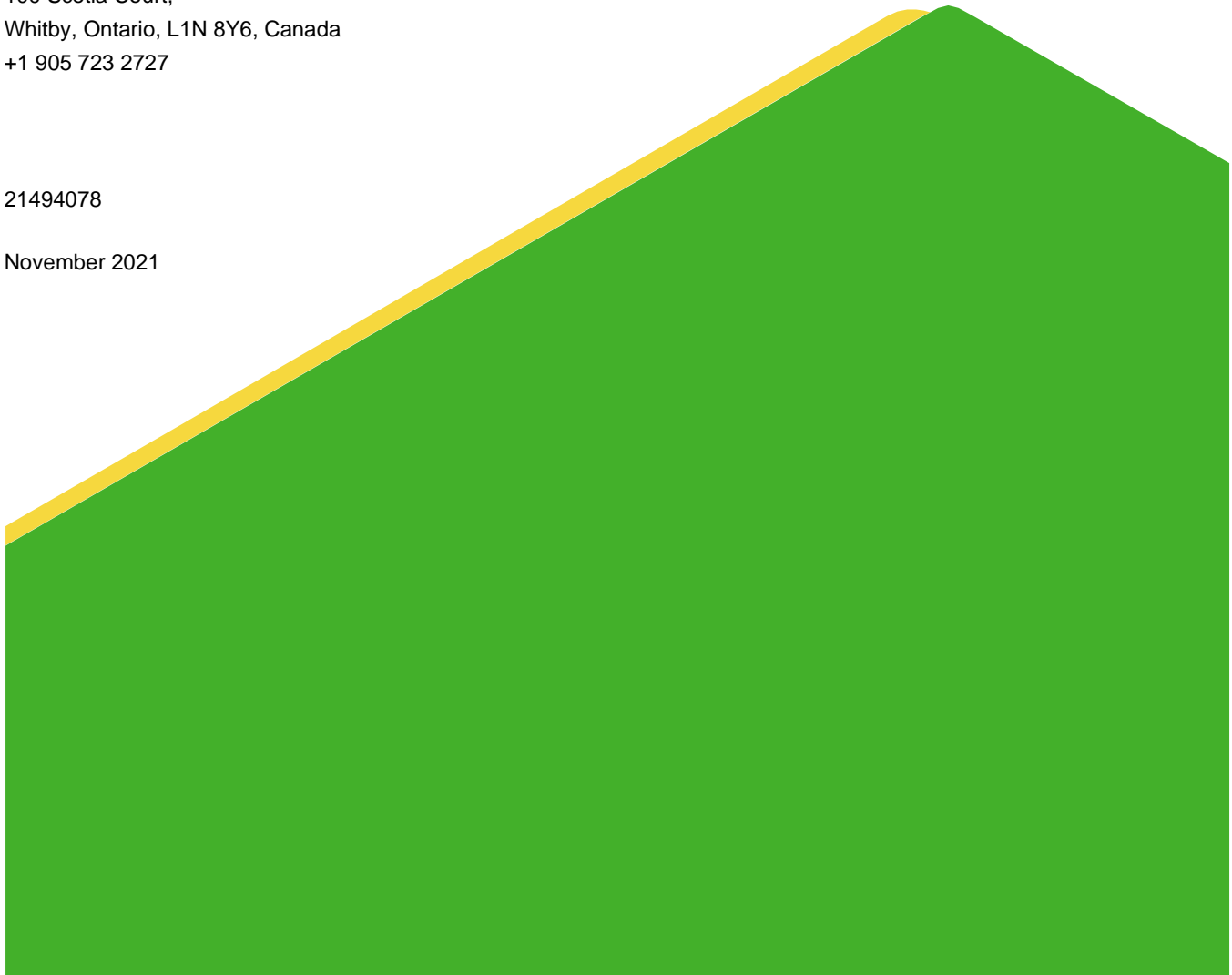
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21494078

November 2021



## Distribution List

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## Record of Issue

Version	Date Issued	Notes
Rev. A	November 2021	Draft for internal use
Rev. B	January 2022	Final report

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## 1.0 EXECUTIVE SUMMARY

Golder Associates Ltd. (“Golder”) was retained by Fengate Development Holdings LP (“Fengate”) to conduct a Phase One Environmental Site Assessment (“Phase One ESA”) of the property located at 1047 Richmond Road, in Ottawa, (the “Phase One Property”).

At the time of the site reconnaissance, conducted on September 13, 2021, the Phase One Property consisted of a 1.0 hectare parcel of commercial land with a Chrysler dealership building situated in the middle of the lot. It is understood that the Phase One Property may be re-developed for residential purposes.

The Phase One ESA was completed in accordance with O.Reg. 153/04 and included a review of available current and historical information, a site visit, an interview, evaluation of readily available information, and reporting, subject to the limitations outlined in Section 9.0 of this report. The Phase One Property is considered an enhanced investigation property as defined by O.Reg. 153/04. The date of last work on the Phase One ESA is September 13, 2021.

Based on the information obtained and reviewed as part of this Phase One ESA, multiple potentially contaminating activities (“PCA”) or areas of potential environmental concern (“APEC”) were identified. Accordingly, a Phase Two ESA is required for the submission of a Record of Site Condition (“RSC”).

A search was conducted using the Access Environment database of the Ministry of the Environment, Parks and Conservation (“MECP”) to locate registrations on the Environmental Activity and Sector Registry, Renewable Energy Approvals and Environmental Compliance Approvals issues from December 1999 onwards. No notable findings were found on the Phase One Property.

## 2.0 INTRODUCTION

### 2.1 Phase One Property Information

Golder Associates Ltd. (“Golder”) was retained by Fengate Development Holding LP (“Fengate”) to conduct a Phase One Environmental Site Assessment (“Phase One ESA”) of the following property:

<b>Municipal Address</b>	None
<b>Property Identification Number</b>	03970-0109 (LT)
<b>Legal Description</b>	Part Lots 24 & 25, Concession 1 (OF) Nepean as in N545545, Except Part 1 5R-3653

The location of the Phase One Property is provided in Figure 1. A plan describing the Phase One Property is provided in Figure 2. A plan of survey for the Phase One Property is provided in Appendix A.

The contact information for the Phase One Property owner is:

Owner / Client	Address	Contact Information
Client: Fengate Development Holdings LP	2275 Upper Middle Road East Suite 700, Oakville, Ontario L6H 0C3	Mr. Andrew Konev Office: (905) 491-691-6596 Email: andrew.konev@fengate.com
Phase One Property Owner: Ms. Michelle Pears	1047 Richmond Road Ottawa, Ontario K2B 6R1	Cell: 613 327 5153

### 3.0 SCOPE OF INVESTIGATION

A Phase One ESA is a preliminary qualitative assessment of the environmental condition of a property, based on a review of current activities and historical information for the Phase One Property and a review of relevant and readily available environmental information for the surrounding properties located within a 250 metre (“m”) radius of the boundary of the Phase One Property (collectively referred to as the “Phase One Study Area”). The boundary of the Phase One Study Area is presented in Figure 2A.

According to Ontario Regulation (“O.Reg.”) 153/04 *Records of Site Condition*, the objectives of a Phase One ESA are to:

- 1) Develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property;
- 2) Determine the need for a Phase Two Environment Site Assessment (“ESA”);
- 3) Provide a basis for carrying out a Phase Two ESA;
- 4) Provide adequate preliminary information about environmental conditions in the land or water on, in or under the Site for the conduct of a risk assessment following completion of a Phase Two ESA; and,
- 5) Identify and report on evidence of actual and/or potential contamination on the Phase One Property from current and historical activities at the Phase One Property or the surrounding area.

### 4.0 RECORDS REVIEW

#### 4.1 General

##### 4.1.1 Phase One Study Area Determination

For the purpose of this Phase One ESA, the Phase One Study Area is the area within a 250 m radius of the boundary of the Phase One Property. Based on Golder’s review of the historical and current information compiled as part of this Phase One ESA for the area surrounding the Site and observations of neighbouring properties made during the site visit, it was concluded that an assessment of information pertaining to properties within 250 m of the boundary of the Phase One Property was sufficient to achieve the objectives of the Phase One ESA.

##### 4.1.2 First Developed Use Determination

Based on the Chain of Title, the land was originally transferred from the crown to a private individual in 1804. Between 1804 to present various private owners or entities have owned the land. Based on Fire Insurance Plans,



Chain of Title and the Site Representative Interview, the site use was residential until 1959 which point a car dealership was developed. Accordingly, the first developed use was in 1959 as an automotive dealership.

The date of first developed use of the Phase One Property was determined based on review of the chain of title information, aerial photographs, city directories, EcoLog ERIS Report and information provided by the Site representative.

Based on the Chain of Title, the land was originally transferred from the crown to a private individual in 1804. Between 1804 to present various private owners or entities have owned the land. Based on Fire Insurance Plans, Chain of Title and the Site Representative Interview, the site use was residential until 1959, at which point a car dealership was developed. Accordingly, the first developed use was in 1959 as an automotive dealership.

### 4.1.3 Insurance Records

Golder asked ERIS EcoLog to provide Opta Information Intelligence report (“Opta”) about any fire insurance plans (“FIPs”), property underwriters’ reports (“PURs”) and property underwriters’ plans (“PUPs”) related to the Site and surrounding properties. Golder was informed by Opta that the following records were available.

Year/Record	Phase One Property	Surrounding Properties
1956 FIP	Rental accommodations (twelve tourist cabins)	North: Canadian Pacific Railway followed by the Ottawa River. East: Commercial and Residential Properties. South: Richmond Road followed by Residential Properties. West: New Orchard Avenue followed by Commercial and Residential Properties.

### 4.1.4 Chain of Title

Chain of title information for the Phase One Property was obtained from EcoLog ERIS. Previous owners of the Phase One Property have included:

Owner’s Name	Dates of Ownership
Crown	Prior to March 8, 1804
Joseph Boisseau	March 8, 1804 to July 18, 1829
Robert Hallowell	July 18, 1829 to January 31, 1833
George Baker	January 31, 1833 to August 24, 1866
Godfrey Baker	August 24, 1866 to May 26, 1888
George Aiken	May 26, 1888 to December 27, 1889
John B. Ullett	December 27, 1889 to November 17, 1940
Robert L. Ullett	November 17, 1940 to July 3, 1952
Nick Boosamra	July 3, 1952 to October 15, 1956

Owner's Name	Dates of Ownership
Brownlee & McKeown Limited	October 15, 1956 to September 19, 1957
Charles A. Brownlee & Patrick McKeown	September 19, 1957 to August 15, 1958
Northern Garage and Holding Limited	August 15, 1958 to October 9, 1959
Chrysler Corporation of Canada	October 9, 1959 to December 3, 1971
Parkway Chrysler Plymouth Ltd.	December 3, 1971 to April 2, 1982
505432 Ontario Limited (Marinter (Ontario) Ltd.)	Since April 2, 1982

### 4.1.5 City Directories

Golder asked ERIS EcoLog ("ERIS") to search city directories for the Site and surrounding properties. Relevant findings from the city directory listings are presented below.

#### Site

- The Phase One Property was not listed between 1925 and 1961.
- The Phase One Property was listed in 1965 to 1982 as Parkway Plymouth Chrysler.
- The Phase One Property was listed in 1984 to 1997 as Metro Plymouth Chrysler.
- The Phase One Property was not listed between 2000 to 2002.
- The Phase One Property was listed in 2005 to 2007 as Metro Chrysler Dodge Jeep.
- The Phase One Property was listed in 2011 at Metro Chrysler Dodge Jeep.

#### Surrounding Area

- 955 Richmond Road was listed in 1995 to 1997, 2000 to 2002, 2005 to 2007 and 2011 as Ottawa Honda.
- 979 Richmond Road was listed in 1990 to 1992, 1995 to 1997, 2000 to 2002, 2005 to 2007 and 2011 as Tops Car Wash.

A review of the City of Ottawa Historical Land Use Inventory (HLUI) was completed (refer to Appendix E) which included a street directory review.

The HLUI report included the following noteworthy listings for the properties located within the APU Study Area:

- Unnamed Gasoline Service Station (\_679F6H) was listed as Gasoline Service Stations in 1956. The business was located at 1051 Richmond Road. Based the FIPs as well as the road orientation of the area, 1051 Richmond Road was located approximately 125 m south-southwest of the Phase One Property.
- Palmer Cleaners (\_670HBH) was listed as Laundries and Cleaners in 1980. The business was located at 993 Richmond Road, 101 m northeast of the Phase One Property.
- Booth Collision Centre (\_679FFI) was listed as Motor Vehicle Repair Shops from 1998 to 2005. The business was located at 1075 Richmond Road, 116 m southwest of the Phase One Property.

- Tops Car Wash Co. Limited (\_679B6X) was listed as Motor Vehicle Repair Shops in 2005. The business was located at 979 Richmond Road, 129 m northeast of the Phase One Property.

#### 4.1.6 Environmental Reports

Golder was not provided with any previous environmental reports for the Phase One Property or neighbouring properties.

### 4.2 Environmental Source Information

Golder contracted EcoLog Environmental Risk Information Services Ltd. (“EcoLog ERIS”) to conduct a search of environmental sources, including federal, provincial and private sector databases, for information on the Phase One Property and Phase One Study Area. The EcoLog ERIS report is provided in Appendix B. Noteworthy findings of the EcoLog ERIS report are summarized in the following sections.

#### Site:

The EcoLog ERIS report included the following noteworthy listings for the Site (1047 Richmond Road):

- Metro Plymouth Chrysler Ltd. was registered in 1997 for a Waste Oil Furnace (Model CB-5000);
- It was listed with approval for discharge into the natural environment other than water (i.e. air) in 1997;
- It was registered in 2012 as an Automotive Refinishing Facility and;
- It was listed under hazardous waste generator number ON3489345 as of April 2021 for the generation of waste oil/sludges (petroleum based).

#### Surrounding Properties:

The EcoLog ERIS report included the following noteworthy listings for 99 New Orchard Ave (30 m northwest):

- Extendicare Canada Inc. was listed under hazardous waste generator number ON9366274 in 2006 for the generation of light fuels and inorganic laboratory chemicals and;
- It was listed under hazardous waste generator number ON3960850 in 2010 for the generation of waste oils & lubricants and oil skimmings & sludges.

The EcoLog ERIS report included the following noteworthy listings for 1162 Byron Ave (60 m east):

- A 200 L spill of furnace oil was reported draining to the floor drain due to a valve failure in 1988.

The EcoLog ERIS report included the following noteworthy listings for 1075 Richmond Road (117 m southwest):

- 715137 Ontario Ltd. was listed with approval for discharge into the natural environment other than water (i.e. air) in 2003; and
- 1866688 Ontario Ltd. was registered in 2012 as an Automotive Refinishing Facility.

The EcoLog ERIS report included the following noteworthy listings for 979 Richmond Road (129 m northeast):

- Tops Car Wash Ltd. was listed under hazardous waste generator number ON8940840 in 2002, 2003 and 2004 for the generation of light fuels and;

- There was an expired license for an underground FS liquid fuel tank from 1992, instance numbers 10906064, 10906049 and 10906031.

#### 4.2.1 Ministry of the Environment

A search was conducted in the Access Environment database of the Ministry of the Environment, Parks and Conservation (“MECP”) to locate registrations on the Environmental Activity and Sector Registry, Renewable Energy Approvals and Environmental Compliance Approvals issues from December 1999 onwards. Notable findings are shown below:

- No registrations or approvals were located within the Site.

#### 4.2.2 Technical Standards and Safety Authority, Fuel Safety Division Records

The Technical Standards and Safety Authority (“TSSA”) maintains records related to registered underground storage tanks (“USTs”) for petroleum-related products. The TSSA was contacted to establish the status of the Phase One Property and to identify outstanding instructions, incident reports, fuel oil spills or contamination records. On September 9, 2021, TSSA reported via e-mail that there were no records on file pertaining to the Phase One Property.

### 4.3 Physical Setting Sources

#### 4.3.1 Aerial Imagery

Aerial imagery for the Phase One Property and the surrounding area was reviewed by Golder. Information obtained from the review of the aerial photographs is summarized in the following table.

Year	Phase One Property	Surrounding Area
1946	The Site appears to be fully forested land, undeveloped.	North: Forested land followed by railway tracks and the Ottawa River. East: Forested land followed by residential homes. South: Forested land followed by residential homes. West: Residential homes followed by forested land.
1959	Generally as per the 1946 aerial photograph.	Generally as per the 1946 aerial photograph, except for the development of a residential community south of the Site. Residential homes to the west of the site have been removed and the soil has been disturbed.
1965	A large building with parking stalls all around it has been built in the center of the Site.	North: Empty land followed by railway tracks and the Ottawa River. East: Empty land followed by residential homes. South: Residential homes. West: High rise apartment building has been built. There are also two commercial properties.
1976	Generally as per the 1965 aerial photograph.	North: Apartment buildings have been constructed, followed by a highway and Ottawa River. East: Residential homes. South: Residential homes. West: Multiple high rise apartment buildings and commercial properties.

Year	Phase One Property	Surrounding Area
1980	Generally as per the 1976 aerial photograph.	Generally as per the 1976 aerial photograph.
1999	Generally as per the 1980 aerial photograph.	Generally as per the 1980 aerial photograph.
2004-2021	Google Earth Image generally as per the 1999 aerial photograph.	Google Earth Image generally as per the 1999 aerial photograph.

Based on the aerial photographs, the Phase One Property appears to have included a building since at least 1965. Prior to 1965 the Phase one Property was undeveloped. The surrounding properties were being developed since at least 1976 with commercial and residential buildings being constructed. When comparing the aerial photographs to the google images, the google images are generally as per the 1999 aerial photograph from 2004 to 2021. There was no indication that the fill was imported to the Phase One Property.

### 4.3.2 Topography, Hydrology and Geology

The following records were reviewed to identify topographic, geologic and hydrogeological conditions at the Phase One Property. A topographic map (Ontario Base Map) showing the Phase One Property and the location of any water bodies is provided in Appendix C. Additional information on site features, as observed at the time of the site visit, is provided in Section 6.

Topic	Conditions	Comment / Source
Topography of Site and Surrounding Area	The topography of the Site and surrounding areas was generally flat.	Site and surrounding area observations
Overburden Soils	Till, Plain with local relief <5 m	Surficial Geology of Southern Ontario provided to Golder by LIO
Type of Bedrock	Rockcliffe Formation (Sandstone, Shale, Limestone and Dolostone)	Bedrock Geology of Ontario Map provided to Golder by LIO
Depth to Bedrock	5 to 10 m	LIO
Inferred Near Surface Groundwater Flow	Regional groundwater flow in the underlying aquifers is typically to the north-northwest toward the Ottawa River. Local groundwater flow is also inferred to be to the north-northwest given that the Ottawa River is located 250 m northwest of the Phase One Property. Based on the Site topography, the inferred direction of shallow groundwater flow is to the north-northwest. Buried utilities and other underground structures can affect local (shallow) groundwater flow conditions. Inferred groundwater flow directions are subject to confirmation with field measurements.	Ontario Base Map provided to Golder by LIO

Topic	Conditions	Comment / Source
	At the time of this Phase One ESA, an open cut tunnel for the Ottawa Light Rail Tunnel was located approximately 20 metres south east of the Site. As such, local groundwater flow is may also be influenced by the open cut.	
Site Grade Relative to the Adjoining Properties	The Site appears to follow the topography of the area and is at grade with respect to properties located adjacent to the Phase One Property.	Site observations
Depth to Groundwater	Not identified.	EcoLog ERIS Report

#### 4.3.3 Fill Materials

Topic	Conditions	Comment / Source
<b>Fill Materials</b>	Not identified during Site visit, but fill materials are expected given the age of the site and elevated topography, compared to the adjoining buildings and structures.	Site observations, Site representative

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

Topic	Conditions	Comment / Source
<b>Nearest Open Water Body</b>	The Ottawa River is located 250 m northwest of the Phase One Property.	Ontario Base Map, Site visit
<b>Areas of Natural Significance (“ANS”)</b>	None identified within the Phase One Study Area.	Ministry of Natural Resources Natural Heritage Information Centre on-line database. Areas of Natural & Scientific Interest Map
<b>Wellhead Protection Areas</b>	The Phase One Study Area is not located within a well-head protection area or other area identified by a municipality in its official plan for the protection of ground water.	MECP Source Protection Atlas, Official Plans
<b>Municipal Drinking Water Distribution Systems</b>	Fire hydrants were observed along Richmond Road and New Orchard Ave, respectively east and south of the Phase One Property. Accordingly, the Phase One Property and other properties within the Phase One Study Area are likely served by a municipal drinking water system, as defined in the Safe Drinking Water Act, 2002.	Google Streetview, Site visit

### 4.3.5 Well Records

Topic	Conditions	Comment / Source
<b>Water Wells on Site (location, stratigraphy of the overburden, from ground surface to bedrock, depth to bedrock, depth to water table, drilling date, use)</b>	Based on the review of well records, there are no wells on the phase one property or within the phase one study area that supply water used for human consumption or an agricultural use.	EcoLog ERIS Report and Site observations
<b>Water Wells on the Neighbouring Properties (location, stratigraphy of the overburden, from ground surface to bedrock, depth to bedrock, depth to water table, drilling rate, use)</b>	EcoLog ERIS reported a total of 22 domestic water wells recorded within the Phase One Study Area. The wells were constructed in between 1948 and 1954. Stratigraphy of the wells consisted primarily of clay/medium sand followed by limestone. Groundwater was reported at a depth of between 1.83 to 9.14 mbgs.	EcoLog ERIS Report

## 4.4 Site Operating Records

At the time of the site visit, the Phase One Property was developed. No Site operating records were provided to Golder for review.

Topic	Title of the information or document	Information Relevant to the Phase One ESA
<b>Regulatory Permits and Records</b>	None	None
<b>Materials Safety Data Sheets (MSDS)</b>	None	None
<b>Underground utility drawings</b>	Building Drawings	Possible service island and a tank farm with unknown number of tanks on the Southeast side of the building.
<b>Inventory of ASTs and USTs</b>	Site Visit	Four ASTs located on the northwest building wall and one removed UST on the northeast exterior building wall.
<b>Environmental monitoring data, including data created in response to an order or request of the Ministry</b>	Not available	None
<b>Waste management records, including current and historical waste storage location and waste receiver information maintained by the Ministry</b>	EcoLog ERIS	<u>Ontario Regulation 347 Waste Generators Summary</u> : This document indicated that waste oil/sludges (petroleum based) are generated at the Phase One Property. The Phase One Property is a registered waste generator under waste generator number ON3489345.

Topic	Title of the information or document	Information Relevant to the Phase One ESA
<b>Process, production and maintenance documents related to APECs</b>	Not available	Not available
<b>Records of spills and records of discharges of contaminants, including records of spills and records of discharges of contaminants of which notice is required to be given to the Ministry under the Act and records of such spills and discharges required to be kept pursuant to O.Reg. 675/98</b>	Not available	None
<b>Emergency response and contingency plans, including spill prevention and contingency plans prepared pursuant to section 91.1 of the Act, and O.Reg. 224/07</b>	Not available	None
<b>Environmental audit reports</b>	Not available	None
<b>A Site plan of the facility</b>	Not available	None

## 5.0 INTERVIEWS

Mrs. Michele Pears and Mr. Peter Pears of Metro Chrysler (hereinafter referred to as the “Site Representative”), responded to a detailed environmental questionnaire on September 13, 2021. Pursuant to the requirements O.Reg. 153/04, the Site Representative was interviewed as the “current owner” with knowledge of current Site operations.

Relevant information obtained during the interview and site visit is provided in the Section 6.0.

## 6.0 SITE RECONNAISSANCE

### 6.1 General Requirements

Mr. Gopesh Sharma (Environmental Scientist) of Golder visited the Phase One Property for three hours on September 13, 2021 at 6:00 pm. Mr. Sharma has a B.Sc. (Geology) from the University of Calgary and has two years of consulting experience. The site visit consisted of a walk-around of the developed areas of the Phase One Property along with a cursory inspection of surrounding properties from the Phase One Property and publicly accessible areas. The weather conditions were clear and sunny and the temperature was 21°C. The Phase One Property is a Chrysler new and used car dealership with an associated garage, body shop and paint booth. It was used to sell and service vehicles at the time of the site visit.

Photographs of relevant features noted during the site visit are provided in Appendix D.



## 6.2 Specific Observations at Phase One Property

The specific observations made during the Site visit are presented in the following sections.

Topic	Observations	Source
<b>Structures Number and Age of Buildings on the Site</b>	A single large building was located at the center of the Phase One Property. The building was built in 1964 according to the Site Representative.	Site observations
<b>General Descriptions of Each Building (including improvements)</b>	The building was used as an office, showroom, mechanical shop/garage, body shop, paint booth and vehicle storage.	Site observations
<b>Building Areas</b>	Approximately 1600 square meters.	Site observations
<b>Number of Floors (include all levels, whether above or below ground)</b>	Two floors.	Site observations
<b>Number, Age, and Depth of Levels Below Ground Level</b>	There are no levels below ground.	Site observations
<b>Number and Details of all Aboveground Storage Tanks (“ASTs”)</b>	Four ASTs were observed on the Phase One Property.	Site observations, Site representative
<b>Number and Details of all Underground Storage Tanks (“USTs”)</b>	One UST was reported on the Phase One Property. However, it was removed in the late 1980’s according to the Site Representative. Unknown USTs might be present on the southeast side of the building along Richmond Rd.	Site observations, Site representative, Site buildings plans
<b>Underground Utilities Potable and Non-Potable Water Sources</b>	The Project Area is underlain by a full suite of municipal services including sewer, water, gas and communication.	Site representative
<b>Utility Lines Present (i.e. Electrical, Natural Gas, other)</b>	The Project Area presents municipal services including sewer, water, gas and communication. Along the west entrance into the parking lot there are four transformers suspended 6 m in the air on a wooden platform. They are attached to the municipal electrical system.	Site observation, Site representative
<b>Sanitary/Process Wastewater Receptor</b>	The Project Area presents municipal services including sewer, water, gas and communication. Building drawings shows a possible OWS, not located during site visit.	Site observations
<b>Sanitary Sewer Connection</b>	The Project Area presents municipal services including sewer, water, gas and communication.	Site observations, Site representative

Topic	Observations	Source
<b>Septic Systems</b>	None identified.	Site observations, Site representative
<b>Storm Water Flow</b>	Storm water drains are located throughout the Phase One Property.	Site observations
<b>Storm Sewer Connection</b>	The Project Area presents municipal services including sewer, water, gas and communication.	Site observations, Site representative
<b><u>Interior of Structures</u> Entry and Exit Points for Site Buildings</b>	There are entry and exit points located along each side of the building.	Site observations
<b>Existing and Former Heating System(s) (include fuel type / source)</b>	The office and showroom of the building is heated by a gas furnace. The mechanic shop/garage is heated by a gas radiant heat system.	Site observations, Site representative
<b>Existing and Former Cooling System(s) (include fuel type / source)</b>	There is a forced air A/C system used to cool the building.	Site observations, Site representative
<b>Drains, Pits, and Sumps (include current use, if any, and former use)</b>	There are catch basins running along the length of the garage floor, connecting with the municipal sewage/stormwater systems.	Site observations, Site representative
<b>Unidentified Substances</b>	None identified.	Site observations
<b>Floor Stains or Corrosion Located near a Potential Discharge Location</b>	Floor stains were observed throughout the garage floor. Floor stains were also observed along the northwest exterior side of the building.	Site observations
<b><u>Miscellaneous Exterior</u> Location of any Current and Former Wells</b>	None identified.	Site observations
<b>Ground Cover (i.e. grass, gravel, soil, or pavement, etc.)</b>	The majority of the Phase One Property was covered with pavement. Storm and sewer drains scattered throughout the site.	Site observations
<b>Current or Former Railway Lines or Spurs</b>	None observed or reported.	Site observations.
<b>Presence of Stained Soil, Vegetation, or Pavement</b>	Stained pavement, northwest exterior of the building.	Site observations
<b>Presence of Stressed Vegetation</b>	None observed.	Site observations
<b>Areas Where Fill and/or Debris Materials Appear to Have Been Placed</b>	None observed.	Site observations, Site representative

Topic	Observations	Source
<b>Issues of Potential Environmental Concern</b>	Oil stains on the pavement, hydraulic lifts, paint booth and mixing station, former USTs locations, four ASTs, one UST and transformers in parking lot	Site observations
<b>Unidentified Substances</b>	None identified.	Site observations

### 6.2.1 Enhanced Investigation Property

The Site is considered to be an enhanced investigation property; therefore, the investigation was conducted in a manner consistent with the requirements for enhanced investigation properties as described in subsection 13(3) of O.Reg. 153/04. Relevant information is reported in the following table:

Topic	Observations	Source
<b>Operations at the property, including processing or manufacturing</b>	The Phase One Property is used solely as a car dealership. No processing or manufacturing processes were observed or reported.	Site observations and interview
<b>Hazardous materials used or stored at the Phase one property</b>	Engine oil and other lubricants associated with vehicle maintenance. Asbestos ceiling tiles, adhesive and plaster were observed throughout the building.	Site observations and interview
<b>Products manufactured at the Phase one property;</b>	None observed or reported.	Site observations and interview
<b>By-products and wastes at the Phase one property</b>	One AST holding waste oil.	Site observations and interview
<b>Raw materials handling and storage locations at the Phase one property</b>	None observed or reported.	Site observations and interview
<b>Location and contents of drums, totes and bins at the Phase one property</b>	One AST is located outside the building along the northwest corner, it contains the waste oil. Three ASTs are located inside the building on the northwest side, they contain engine oil. A tote is suspended from the ceiling and is located inside the building on the northwest side, it contains windshield washer fluid.	Site observations and interview
<b>The location, installation date, source of incoming liquid and effluent discharge location for all oil-water separators</b>	None observed or reported. Building drawings show a OWS, but it was not identified during the Site visit.	Site observations, interview and building drawings

Topic	Observations	Source
<b>All vehicle and equipment maintenance areas, including the locations of maintenance, fluid storage, and waste storage areas</b>	The main mechanic shop/garage is located along the east side of the building. It runs southeast to northwest, the full length of the building. Within the shop there are fifteen hoists including one hydraulic lift, a paint booth, a paint mixing room, and a washing bay. One AST is located outside the building along the northwest corner, it contains the waste oil. Three ASTs are located inside the building on the northwest side, they contain engine oil. A tote is suspended from the ceiling and is located inside the building on the northwest side, it contains windshield washer fluid.	Site observations and interview
<b>Details of all spills including the dates, locations, materials involved, and volumes of material spilled;</b>	None observed or reported.	Site observations and interview
<b>Details of liquid discharge points such as water and French drains, including their locations</b>	None observed or reported.	Site observations and interview
<b>Details of all hydraulic lift equipment at the property, including elevators, in-ground hoists and loading docks</b>	There is a single hydraulic lift used as the alignment rack located inside the mechanic shop/garage with no hydraulic piston (not in-ground). Two decommissioned hydraulic pistons were observed in other two service bays. No other in-ground hydraulic pistons were observed.	Site observations and interview

### 6.3 Surrounding Land Use

During the Site visit, a visual reconnaissance of the outdoor operations in the Phase One Study Area was carried out from the Site and publicly accessible areas.

The surrounding properties include residential and commercial land uses, as illustrated in Figure 2.

- **North (downgradient):** Residential dwellings followed by green space and the Ottawa River.
- **East (cross-gradient):** Residential dwellings.
- **West (cross gradient):** Residential dwellings.
- **South (upgradient):** Commercial properties followed by residential dwellings.

### 6.4 Written Description of Investigation

At the time of the Site reconnaissance, conducted on September 13, 2021, the Phase One Property consisted of a 0.97 hectare parcel of developed land. One large building that was used as an office, showroom, mechanical shop/garage, and storage for a car dealership was centered in the parcel and was noted on the Phase One

Property. The surrounding properties within the Phase One Study Area included residential and commercial land uses.

Please see section 7.2 for a detailed list of all the identified PCAs found in the Phase One Study Area.

No water wells were identified within the Phase One Study Area.

## 7.0 REVIEW AND EVALUATION OF INFORMATION

### 7.1 Current and Past Uses of the Site

The following summarizes the current and past uses of the Phase One Property:

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
Prior to March 8, 1804	Crown	Undeveloped	Agriculture or Other	No aerial photograph coverage available prior to 1946.
March 8, 1804 to July 18, 1829	Joseph Boisseau	Undeveloped	Agriculture or Other	No aerial photograph coverage available prior to 1946.
July 18, 1829 to January 31, 1833	Robert Hallowell	Undeveloped	Agriculture or Other	No aerial photograph coverage available prior to 1946.
January 31, 1833 to August 24, 1866	George Baker	Undeveloped	Agriculture or Other	No aerial photograph coverage available prior to 1946.
August 24, 1866 to May 26, 1888	Godfrey Baker	Undeveloped	Agriculture or Other	No aerial photograph coverage available prior to 1946.
May 26, 1888 to December 27, 1889	George Aiken	Undeveloped	Agriculture or Other	No aerial photograph coverage available prior to 1946.
December 27, 1889 to November 17, 1940	John B. Ullett	Undeveloped	Agriculture or Other	No aerial photograph coverage available prior to 1946.
November 17, 1940 to July 3, 1952	Robert L. Ullett	Undeveloped	Agriculture or Other	The aerial photograph from 1946 indicates that the Site comprised primarily of undeveloped commercial land.
July 3, 1952 to October 15, 1956	Nick Boosamra	Undeveloped	Agriculture or Other	The aerial photograph from 1946 indicates that the Site comprised primarily of undeveloped commercial land.
October 15, 1956 to September 19, 1957	Brownlee & McKeown Limited	Undeveloped	Agriculture or Other	The aerial photograph from 1946 indicates that the Site comprised primarily of undeveloped commercial land.
September 19, 1957 to August 15, 1958	Charles A. Brownlee & Patrick McKeown	Undeveloped	Agriculture or Other	The aerial photograph from 1946 indicates that the Site comprised primarily of undeveloped commercial land.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
August 15, 1958 to October 9, 1959	Northern Garage and Holding Limited	Undeveloped	Agriculture or Other	The aerial photograph from 1959 indicates that the Site comprised primarily of undeveloped commercial land.
October 9, 1959 to December 3, 1971	Chrysler Corporation of Canada	Developed	Commercial	The aerial photograph from 1965 indicates a large commercial building has been built on the Site.
December 3, 1971 to April 2, 1982	Parkway Chrysler Plymouth Ltd.	Developed	Commercial	The aerial photograph from 1965, 1971 and 1980 indicates a large commercial building has been built on the Site.
Since April 2, 1982	505432 Ontario Limited (Marinter (Ontario) Ltd.)	Developed	Commercial	The aerial photograph from 1980 indicates a large commercial building has been built on the Site.

The Phase One Property was previously used for commercial or other use since prior to 1946 to the present. The Phase One Property is currently an active car dealership.

## 7.2 Potentially Contaminating Activity

Any PCA on the Phase One Property or in the Phase One Study Area may require the identification of an area of potential environmental concern (“APEC”) and trigger the need for a Phase Two ESA to support the filing of a Record of Site Condition. The PCAs identified at the Phase One Property and in the Phase One Study Area are provided in the following table. The PCA locations are presented in Figure 2A.

Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Property	PCA A: #10 Commercial Autobody Shops – The Site is currently used as a car dealership and has an automotive garage and associated equipment present	Site observations	The PCA is located on the Phase One Property and must be identified as an APEC.
Phase One Property	PCA B: #28 Gasoline and Associated Products Storage in Fixed Tanks – Former UST areas identified on the Site.	Site observations, Site representative and building drawings	The PCA is located on the Phase One Property and must be identified as an APEC.
Phase One Property	PCA C: #28 Gasoline and Associated Products Storage in Fixed Tanks – Presence of one AST used waste lubricant oil, three motor lubricant oil ASTs and oil-stained asphalt	Site observations	The PCA is located on the Phase One Property and must be identified as an APEC.

Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Property	PCA D: #39 Paints Manufacturing, Processing and Bulk Storage – Presence of painting operations (paint booth)	Site observations	The PCA is located on the Phase One Property and must be identified as an APEC.
Phase One Property	PCA E: #30 Importation of Fill Material of Unknown Quality – Due to the age of the Site, inferred fill materials to be present site-wide	Site observations	The PCA is located on the Phase One Property and must be identified as an APEC.
Phase One Property	PCA F: #55 Transformer Manufacturing, Processing and Use – Pole mounted transformer and fuse box	Site observations	The PCA is located on the Phase One Property and must be identified as an APEC.
Phase One Study Area (excluding the Phase One Property)	PCA G: #46 Railyards, Tracks and Spurs – A Canadian National Railway corridor was located 350 m north of the Phase One Property	Aerial photographs 1946, 1959 and 1965	The nature of impacts associated with this PCA typically do not migrate through groundwater and are not anticipated to impact the Phase One Property. The tracks are also located downstream of the Phase One Property.
	PCA H: #28 Gasoline and Associated Products Storage in Fixed Tanks – A former gas station was reported at 1051 Richmond Road (130 m southwest)	HLUI – 1956 FIPs - 1956	Based on the cross-gradient location of this PCA to the Site and the distance from the Site, the presence of this PCA is unlikely to impact the Phase One Property
	PCA I: #37 Operation of Dry-Cleaning Equipment (where chemicals are used) – A former Laundry cleaning facility was reported at 993 Richmond Road, 101 m northeast of the Phase one Property	HLUI – 1980's	Based on the cross-gradient location of this PCA to the Site, the distance from the Site, and the nature of the impacts associated with this PCA, the presence of this PCA is unlikely to impact the Phase One Property
	PCA J: #10 Commercial Autobody Shops – A automotive repair shop is located at 1075 Richmond Road, 116 m southwest of the Phase One Property	HLUI – Since at least 1998	Based on the cross-gradient location of this PCA to the Site, the distance from the Site, and the nature of the impacts associated with this PCA, the presence of this PCA is unlikely to impact the Phase One Property
	PCA K: #28 Gasoline and Associated Products Storage in Fixed Tanks – Extencicare, located at 99 New Orchard Ave 30 m northwest of the Phase One Property, was a waste generator in 2006 and 2010 for light fuels & inorganic laboratory chemicals, waste oils & lubricants and oil skimmings & sludges.	EcoLog ERIS report	Based on the cross-gradient location of this PCA to the Site, and the nature of the impacts associated with this PCA, the presence of this PCA is unlikely to impact the Phase One Property

Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
	PCA L: #55 Transformer Manufacturing, Processing and Use – Transformer located approximately 125 m northwest of the Phase One Property, along New Orchard Ave.	FIPs, 1956	Based on the down gradient location of this PCA to the Site and the distance from the Site, this PCA is unlikely to impact the Phase one Property
	PCA M: #10 Commercial Autobody Shops – Tops Car Wash Co. Limited is located at 979 Richmond Road, 129 m northeast of the Phase One Property. It was listed as a motor vehicle repair shop in 2005, had a UST associated with it till at least 1992 and was a waste generator for light fuels from 2002-2004.	EcoLog ERIS report	Based on the cross-gradient location of this PCA to the Site, the distance from the Site and the nature of the impacts associated with this PCA, the presence of this PCA is unlikely to impact the Phase One Property

### 7.3 Areas of Potential Environmental Concern

The APECs identified at the Phase One Property are provided in the following table. The APEC locations are presented in Figure 2B.

Area of Potential Environmental Concern <sup>1</sup>	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity <sup>2</sup>	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern <sup>3</sup>	Media Potentially Impacted (Groundwater, soil and/or Sediment)
APEC 1 – On-site automotive garage	Centre of the Site	#10. <i>Commercial Autobody Shops</i>	On-Site	PHCs F1-F4, BTEX and VOCs	Soil and groundwater
APEC 2A – Former UST location	Northeast portion of the Site building	#28. <i>Gasoline and Associated Products Storage in Fixed Tanks</i>	On-Site	PHCs F1-F4 and BTEX	Soil and groundwater
APEC 2B – Former UST location	Southeast portion of the Site building				Soil
APEC 3 – Presence of an AST used waste lubricant oil and oil-stained asphalt	Northeast portion of the Site building	#28. <i>Gasoline and Associated Products Storage in Fixed Tanks</i>	On-Site	PHCs F1-F4 and BTEX	Soil and groundwater
APEC 4 – Presence of painting operations (paint booth)	Northeast and Northwest of the Site building	#39. <i>Paints Manufacturing, Processing and Bulk Storage</i>	On-Site	Metals, Hydride-Forming Metals, ORP, VOCs and PHCs	Soil and groundwater



Area of Potential Environmental Concern <sup>1</sup>	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity <sup>2</sup>	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern <sup>3</sup>	Media Potentially Impacted (Groundwater, soil and/or Sediment)
APEC 5 – Inferred fill materials to be present site-wide	Entire Site	# 30. <i>Importation of Fill Material of Unknown Quality</i>	On-Site	Metals, Hydride-Forming Metals, ORP and PHCs	Soil
APEC 6 – Pole mounted transformer and fuse box	Four pole-mounted transformers were observed on the driveway of New Orchard Ave.	#55. <i>Transformer Manufacturing, Processing and Use</i>	On-Site	PCBs, PHCs	Soil

**Notes**

- 1 Area of potential environmental concern means the area on, in or under a phase one property where one or more contaminants are potentially present, as determined through the phase one environmental site assessment, including through, •(a) identification of past or present uses on, in or under the phase one property, and •(b) identification of potentially contaminating activity
- 2 Potentially contaminating activity means 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
- 3 Contaminants of potential concern specified using the method groups as identified in the "Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011

## 7.4 Conceptual Site Model

The following key features (as required by O.Reg. 153/04) are presented in Figures 1, 2, 3, and 4:

- Existing buildings and structures;
- Water bodies and areas of natural significance located in the Phase One Study Area;
- Drinking water wells on the Phase One Property;
- Roads (including names) within the Phase One Study Area;
- Uses of properties adjacent to the Phase One Property; and,
- Location of identified PCAs in the Phase One Study Area (including any storage tanks).

The following describes the Phase One ESA CSM based on the information obtained and reviewed as part of this Phase One ESA:

- The Phase One Property consisted of one parcels of land that is 0.97 hectares in area. One large building was present, centered on the parcel;
- No water bodies or areas of natural significance were identified on or within 30 m of the Phase One Property;
- Potable water in the vicinity of the Phase One Property is provided by the Regional Municipality of Ottawa. No potable water wells were identified on the Phase One Property. No active domestic wells were reported on or near the Phase One Property;

- At the time of the Phase One ESA, the Phase One Property was developed and used as a car dealership. Historically, the Phase One Property had been undeveloped since at least 1959. Between 1960 and 1965 the Phase One Property was developed for the purpose of a car dealership;
- At the time of the Phase One ESA, the neighbouring properties within the Phase One Study Area consisted of residential and commercial land uses. There are indications of a potentially contaminating activity but none that would warrant an area of potential environmental concern in association with this use;
- The following PCAs requiring the identification of an APEC and the associated contaminants of concern were identified:

Area of Potential Environmental Concern <sup>1</sup>	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity <sup>2</sup>	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern <sup>3</sup>	Media Potentially Impacted (Groundwater, soil and/or Sediment)
APEC 1 – On-site automotive garage	Centre of the Site	#10. <i>Commercial Autobody Shops</i>	On-Site	PHCs F1-F4, BTEX and VOCs	Soil and groundwater
APEC 2A – Former UST location	Northeast portion of the Site building exterior	#28. <i>Gasoline and Associated Products Storage in Fixed Tanks</i>	On-Site	PHCs F1-F4 and BTEX	Soil and groundwater
APEC 2B – Former UST location	Southeast portion of the Site building exterior				
APEC 3 – Presence of an AST used waste lubricant oil and oil-stained asphalt	Northeast portion of the Site building exterior	#28. <i>Gasoline and Associated Products Storage in Fixed Tanks</i>	On-Site	PHCs F1-F4 and BTEX	Soil and groundwater
APEC 4 – Presence of painting operations (paint booth)	Northeast and Northwest of the Site building	#39. <i>Paints Manufacturing, Processing and Bulk Storage</i>	On-Site	Metals, Hydride-Forming Metals, ORP, VOCs and PHCs	Soil and groundwater
APEC 5 – Inferred fill materials to be present site-wide	Entire Site	# 30. <i>Importation of Fill Material of Unknown Quality</i>	On-Site	Metals, Hydride-Forming Metals, ORP and PHCs	Soil
APEC 6 – Pole mounted transformer and fuse box	Four pole-mounted transformers were observed on the driveway of New Orchard Ave.	#55. <i>Transformer Manufacturing, Processing and Use</i>	On-Site	PCBs, PHCs	Soil

- Underground utilities are known to be present at the Phase One Property;

- Based on well records from ERIS EcoLog, soil at the Phase One Property consists primarily of clay and medium grained sand followed by limestone; and
- Regional groundwater is anticipated to flow in a north-northwest direction towards the Ottawa River (300 m northwest). Local groundwater is anticipated to flow in a similar direction towards the Ottawa River.

Responses to Golder's requests for information from the MOECC, MNR, Region, and Town were not available at the time of writing this report.

There were no material deviations to the Phase One ESA requirements set out in O.Reg. 153/04 that would cause uncertainty or absence of information that would affect the validity of the Phase One Conceptual Site Model or the findings of this Phase One ESA.

## 8.0 CONCLUSIONS

### 8.1 Need for a Phase Two ESA

Based on the information obtained and reviewed as part of this Phase One ESA, six APECs were identified at the Phase One Property. Accordingly, a Phase Two ESA is required to support the submission of an RSC.

## 9.0 REFERENCES

The following documents and/or data were cited in this report:

Source	Date
Ontario Base Mapping ("OBM"), Ontario Ministry of Natural Resources – obtained by Golder	October 1, 2021
Bedrock Geology of Ontario, Ontario Geological Survey 2011 – obtained by Golder	October 1, 2021
The Surficial Geology of Southern Ontario, Ontario Geological Survey 2010 – obtained by Golder	October 1, 2021
Physiography of Southern Ontario, Ontario Geological Survey – obtained by Golder	October 1, 2021
Soil Survey Complex (ON Soils), Ontario Ministry of Natural Resources – obtained by Golder	October 1, 2021
Area of Natural & Scientific Interest (ANSI), Ontario Ministry of Natural Resources – obtained by EcoLog ERIS	October 1, 2021
Aerial Photographs – obtained by ERIS EcoLog on behalf of Golder.	1946, 1959, 1965, 1976, 1980 and 1999
Google Earth Images, reviewed online.	2003 - 2021
Fire Insurance Plan, Property Underwriters' Plans and Reports, obtained by Opta on behalf of Golder.	FIP – 1956 PURs – none PUPs – none
City Directories, obtained by ERIS EcoLog on behalf of Golder.	1925 - 2011
EcoLog Environmental Risk Information Services	October 1, 2021

## 10.0 LIMITATIONS AND USE OF REPORT

This report (the “Report”) was prepared for the exclusive use of Fengate Developments Holdings LP for the express purpose of providing advice with respect to the environmental condition of the Site. In evaluating the Site, Golder Associates Ltd. (“Golder”) has relied in good faith on information provided by others as noted in the Report. We have assumed that the information provided is factual and accurate. We accept 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 incomplete or inaccurate historical information from the various agencies. 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 party. If a third party requires reliance on this Report, prior written authorization from Golder is required. Golder disclaims any responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The scope and the period of Golder’s assessment are described in this Report, and are subject to restrictions, assumptions and limitations. Except as noted herein, the work was conducted in accordance with the scope of work and terms and conditions within Golder’s proposal. Distances noted in this report were determined using mapping data of variable accuracy and should therefore be considered approximate. Golder did not perform a complete assessment of all possible conditions or circumstances that may exist at the site referenced in the Report. Conditions may therefore exist which were not detected given the limited nature of the assessment Golder was retained to undertake with respect to the Site and additional environmental studies and actions may be required. In addition, it is recognized that the passage of time affects the information provided in the Report. Golder’s opinions are based upon information available to Golder as of the date of the Site visit. It is understood that the services provided for in the scope of work allowed Golder to form no more than an opinion of the actual conditions at the Site at the time of the site visit and cannot be used to assess the effect of any subsequent changes in any laws or regulations and the environmental quality of the Site or its surroundings. Asbestos and mould surveys were not performed. Consult with a natural heritage specialist to confirm whether an area of natural significance may be present. If a service is not expressly indicated, do not assume it has been provided.

The results of an assessment of this nature should in no way be construed as a warranty that the Site is free from any and all contamination from past or current practices.

## 11.0 CLOSURE

The Qualified Person confirms that the Phase One ESA was conducted and/or supervised by the Qualified Person and that all findings and conclusions of the Phase One ESA are included in the report.

We trust that the information presented in this report meets your current requirements. Should you have any questions or concerns, please do not hesitate to contact the undersigned.

## Signature Page

### Golder Associates Ltd.



Gopesh Sharma, BSc, GIT  
*Environmental Scientist*

GS/DS/PH/lb



Paul Hurst, MSc, P.Eng  
*Associate, Senior Environmental Engineer*



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[https://golderassociates.sharepoint.com/sites/152441/project files/6 deliverables/ph one report/21494078-r-rev0-phase one esa 10jan2022.docx](https://golderassociates.sharepoint.com/sites/152441/project%20files/6%20deliverables/ph%20one%20report/21494078-r-rev0-phase%20one%20esa%2010jan2022.docx)

## Figures



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**LEGEND**

-  PHASE ONE SITE
-  PHASE ONE STUDY AREA




**NOTE(S)**  
1. ALL LOCATIONS ARE APPROXIMATE

**REFERENCE(S)**  
1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83  
COORDINATE SYSTEM: MTM ZONE 9 VERTICAL DATUM: CGVD28

CLIENT  
**FENGATE DEVELOPMENT HOLDINGS LP**

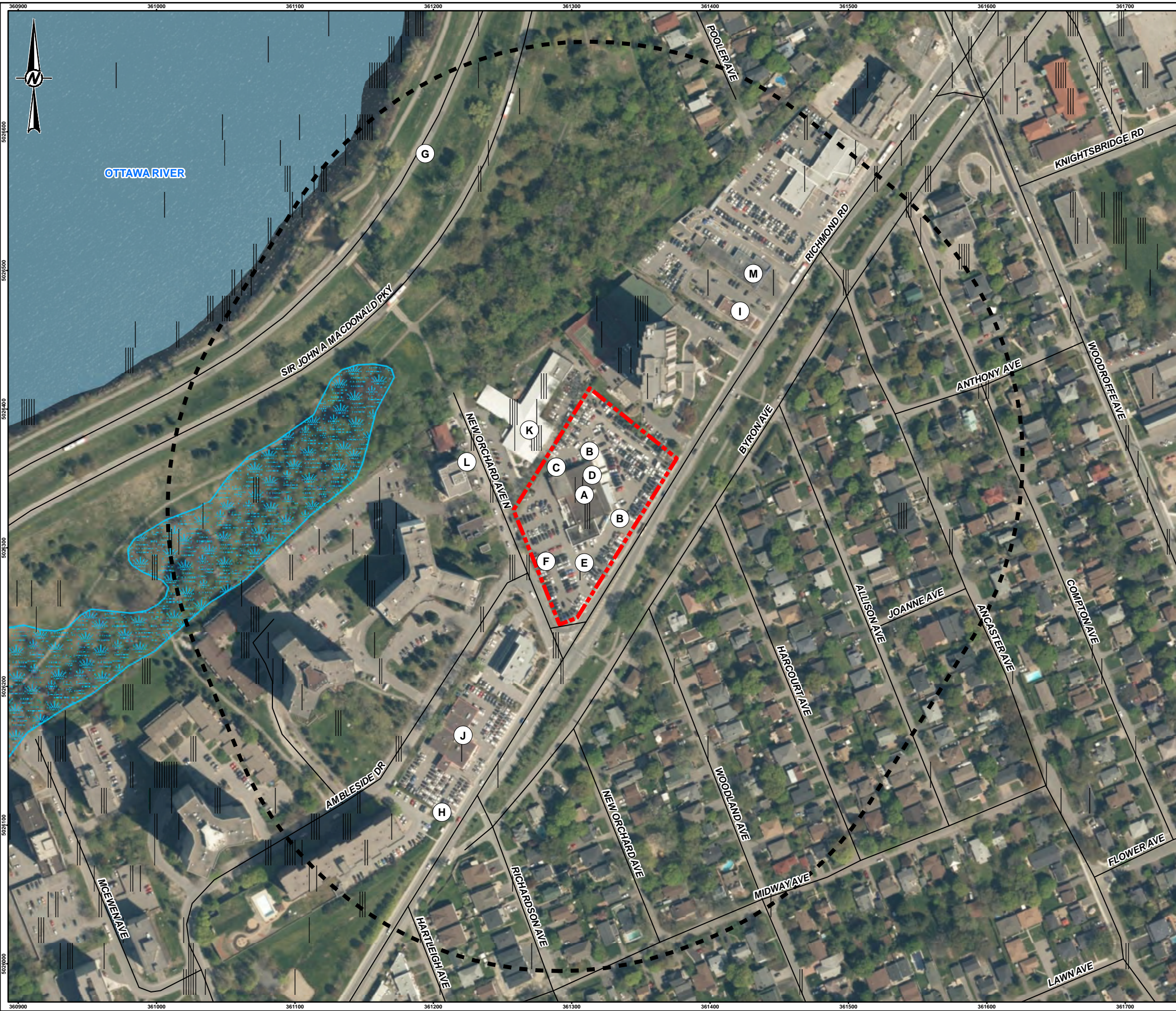
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**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
1047 RICHMOND ROAD, OTTAWA, ONTARIO**

TITLE  
**KEY PLAN**

CONSULTANT		YYYY-MM-DD	2021-10-06
 <b>GOLDER</b> MEMBER OF WSP	DESIGNED	---	
	PREPARED	JEM	
	REVIEWED	---	
	APPROVED	---	

PROJECT NO.	CONTROL	REV.	FIGURE
21494078	0001	A	<b>1</b>

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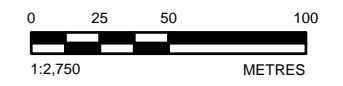
**LEGEND**

- POTENTIALLY CONTAMINATING ACTIVITY (PCA)
- ROADWAY
- WETLAND
- WATERBODY
- PHASE ONE SITE
- PHASE ONE STUDY AREA

Potentially Contaminating Activities ("PCA")		
Location	Detail	O.Reg. 153/04 PCA#
A	Commercial Autobody Shops – The site is currently used as a car dealership and has an automotive garage and associated equipment present	10
B	Gasoline and Associated Products Storage in Fixed Tanks – Former UST identified on the Site.	28
C	Gasoline and Associated Products Storage in Fixed Tanks – Presence of one AST used waste lubricant oil, three motor lubricant oil ASTs and oil-stained asphalt	28
D	Paints Manufacturing, Processing and Bulk Storage – Presence of painting operations (paint booth)	39
E	Importation of Fill Material of Unknown Quality – Due to the age of the Site, inferred fill materials to be present site-wide	30
F	Transformer Manufacturing, Processing and Use – Pole mounted transformer and fuse box	55
G	Railyards, Tracks and Spurs – A Canadian National Railway corridor was located 350 m north of the Phase One Property	46
H	Gasoline and Associated Products Storage in Fixed Tanks – A former gas station was reported at 1051 Richmond Road (130 m southwest)	28
I	Operation of Dry-Cleaning Equipment (where chemicals are used) – A former Laundry cleaning facility was reported at 993 Richmond Road, 101 m northeast of the Phase one Property	37
J	Commercial Autobody Shops – A automotive repair shop is located at 1075 Richmond Road, 116 m southwest of the Phase One Property	10
K	Gasoline and Associated Products Storage in Fixed Tanks – Extencicare, located at 99 New Orchard Ave 30 m northwest of the Phase One Property, was a waste generator in 2006 and 2010 for light fuels & inorganic laboratory chemicals, waste oils & lubricants and oil skimmings & sludges.	28
L	Transformer Manufacturing, Processing and Use – Transformer located approximately 125 m northwest of the Phase One Property, along New Orchard Ave.	55
M	Commercial Autobody Shops – Tops Car Wash Co. Limited is located at 979 Richmond Road, 129 m northeast of the Phase One Property. It was listed as a motor vehicle repair shop in 2005, had a UST associated with it till at least 1992 and was a waste generator for light fuels from 2002-2004.	10

**NOTE(S)**  
1. ALL LOCATIONS ARE APPROXIMATE

**REFERENCE(S)**  
1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020  
2. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28



CLIENT  
FENGATE DEVELOPMENT HOLDINGS LP

PROJECT  
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
1047 RICHMOND ROAD, OTTAWA, ONTARIO

TITLE  
**SITE PLAN AND POTENTIALLY CONTAMINATING ACTIVITIES**

CONSULTANT	YYYY-MM-DD	2021-10-25
	DESIGNED	----
	PREPARED	JEM
	REVIEWED	----
	APPROVED	----

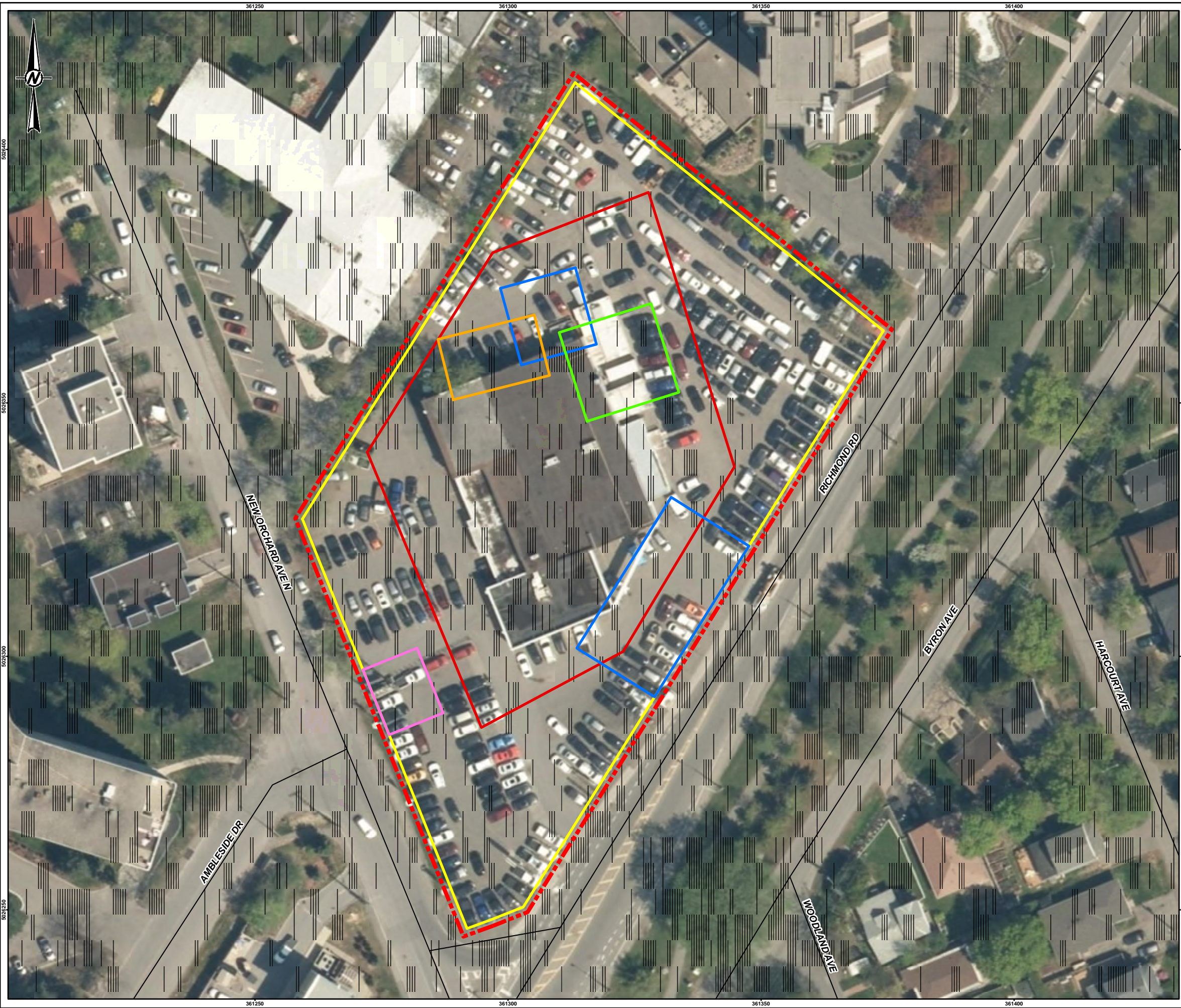
PROJECT NO. 21494078 CONTROL 0001 REV. A

FIGURE 2A

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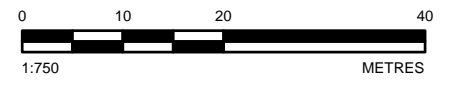


- LEGEND**
- ROADWAY
  - PHASE ONE SITE
  - APEC 1
  - APEC 2/A/B
  - APEC 3
  - APEC 4
  - APEC 5
  - APEC 6

Areas of Potential Environmental Concern ("APEC")		
APEC	Description	O.Reg. 153/04 PCA #
1	On-site automotive garage	10
2	Former UST location	28
3	Presence of an AST used waste lubricant oil and oil-stained asphalt	28
4	Presence of painting operations (paint booth)	39
5	Inferred fill materials to be present site-wide	30
6	Pole mounted transformer and fuse box	55

**NOTE(S)**  
 1. ALL LOCATIONS ARE APPROXIMATE

**REFERENCE(S)**  
 1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020  
 2. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28



CLIENT  
**FENGATE DEVELOPMENT HOLDINGS LP**

---

PROJECT  
**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
 1047 RICHMOND ROAD, OTTAWA, ONTARIO**

---

TITLE  
**AREAS OF POTENTIAL ENVIRONMENTAL CONCERN**

---

CONSULTANT  
**GOLDER**  
 MEMBER OF WSP

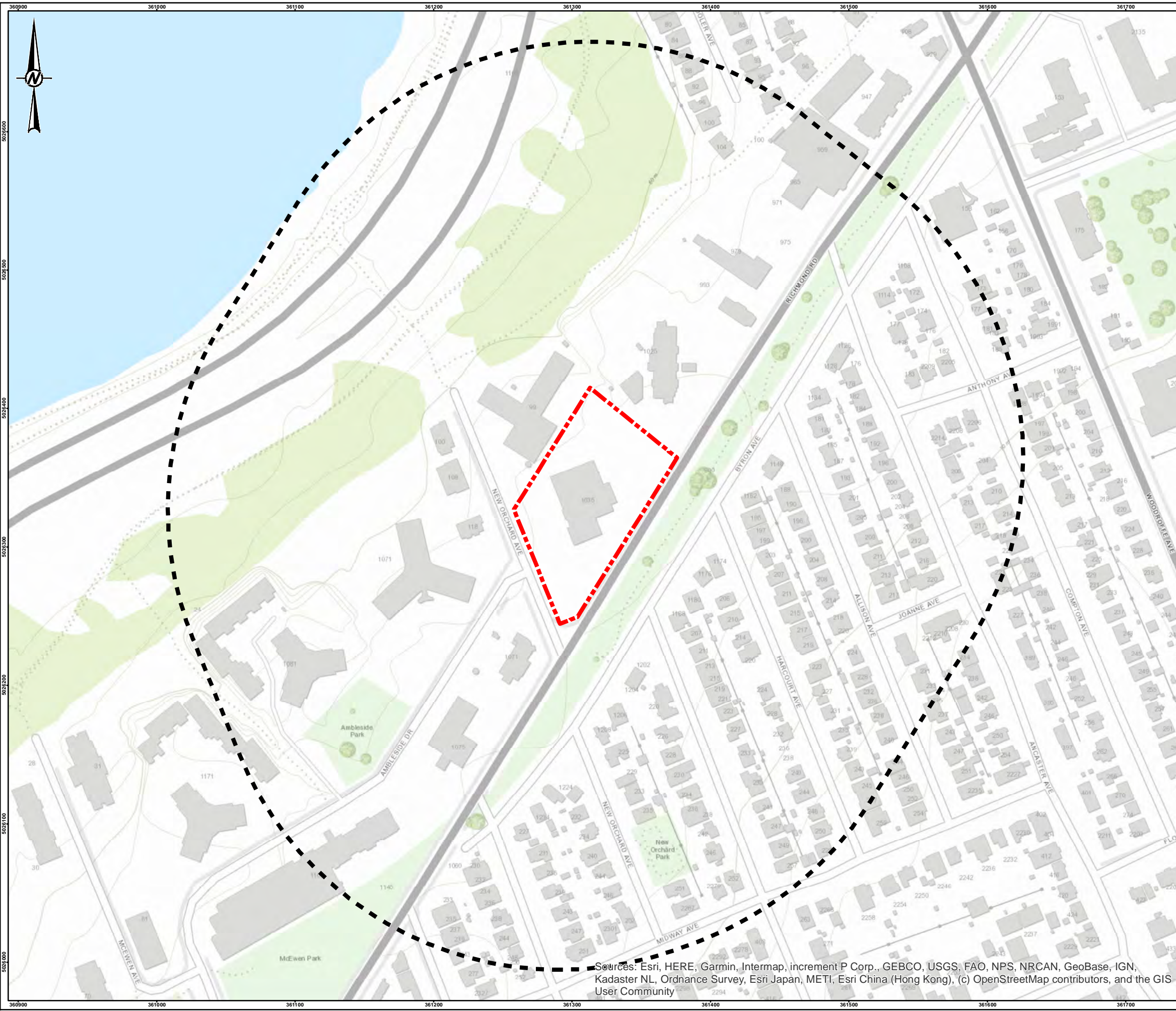
YYYY-MM-DD	2021-11-08
DESIGNED	----
PREPARED	JEM
REVIEWED	----
APPROVED	----

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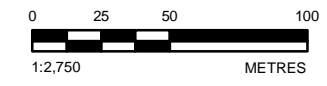


**LEGEND**

- PHASE ONE SITE
- PHASE ONE STUDY AREA

**NOTE(S)**  
 1. ALL LOCATIONS ARE APPROXIMATE

**REFERENCE(S)**  
 1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEEN'S PRINTER 2020  
 2. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28



CLIENT  
**FENGATE DEVELOPMENT HOLDINGS LP**

PROJECT  
**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
 1047 RICHMOND ROAD, OTTAWA, ONTARIO**

TITLE  
**TOPOGRAPHIC MAP AND AREAS OF NATURAL SIGNIFICANCE**

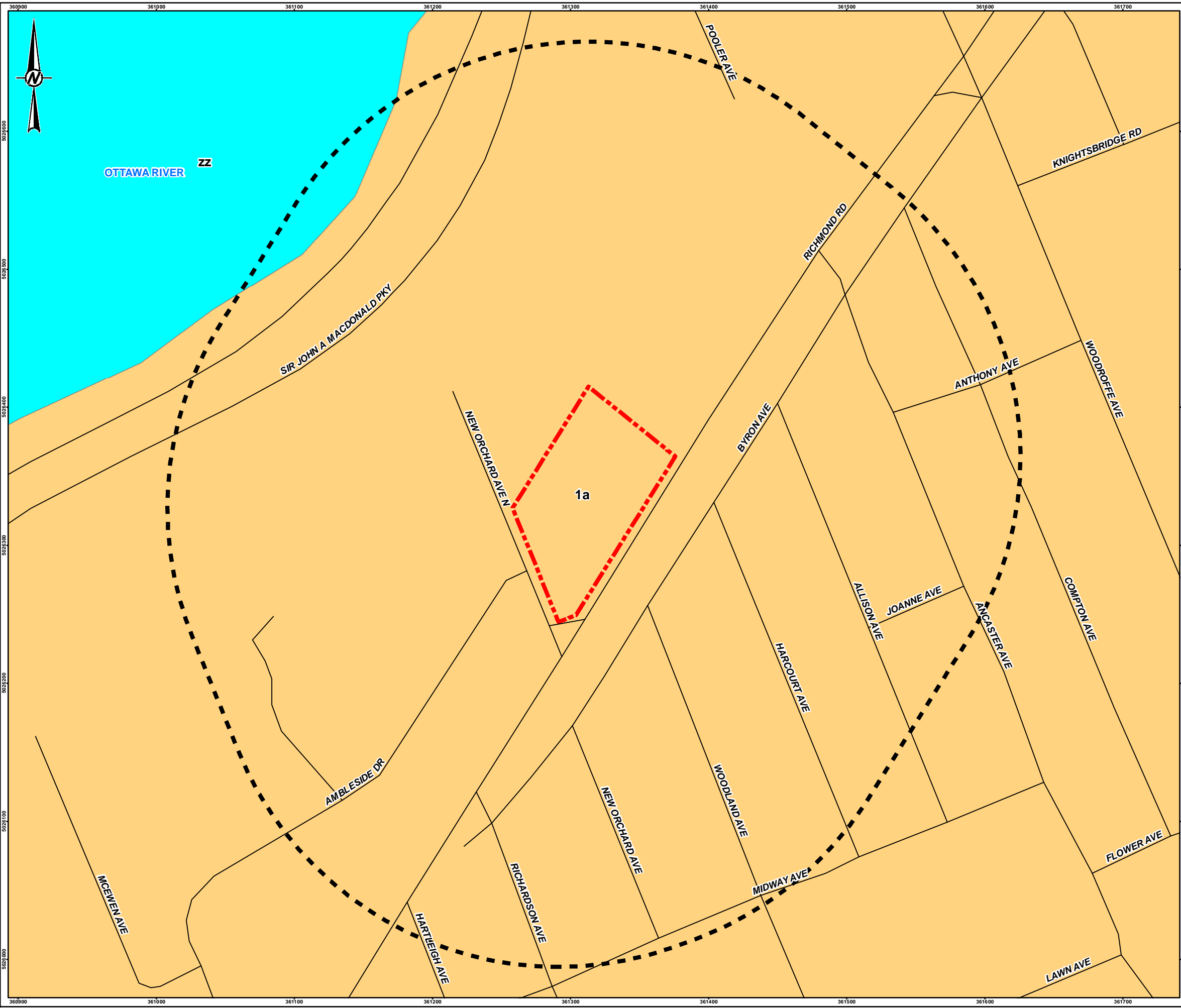
CONSULTANT	YYYY-MM-DD	2021-10-06
<b>GOLDER</b> MEMBER OF WSP	DESIGNED	---
	PREPARED	JEM
	REVIEWED	---
	APPROVED	---

PROJECT NO. 21494078	CONTROL 0001	REV. A	FIGURE <b>3</b>
-------------------------	-----------------	-----------	--------------------

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Path: N:\Active\Spatial\_IME\Fengate\1047\_Richmond\_Rd\09\_Prog\21494078\_PhaseOne\_ESA\21494078\_001-115-0002.mxd  
 5025000  
 5025100  
 5025200  
 5025300  
 5025400  
 5025500  
 5025600  
 5025700  
 5025800  
 5025900

26mm  
 IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM:

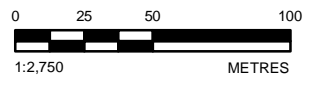


**LEGEND**

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA
- 1a. TILL, PLAIN WITH LOCAL RELIEF <5 m
- zz. WATERBODY

**NOTE(S)**  
1. ALL LOCATIONS ARE APPROXIMATE

**REFERENCE(S)**  
1. BELANGER, J. R. 2008 URBAN GEOLOGY OF THE NATIONAL CAPITAL AREA, GEOLOGICAL SURVEY OF CANADA, OPEN FILE 5311, 1 DVD.  
2. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020  
3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28



CLIENT  
**FENGATE DEVELOPMENT HOLDINGS LP**

PROJECT  
**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
1047 RICHMOND ROAD, OTTAWA, ONTARIO**

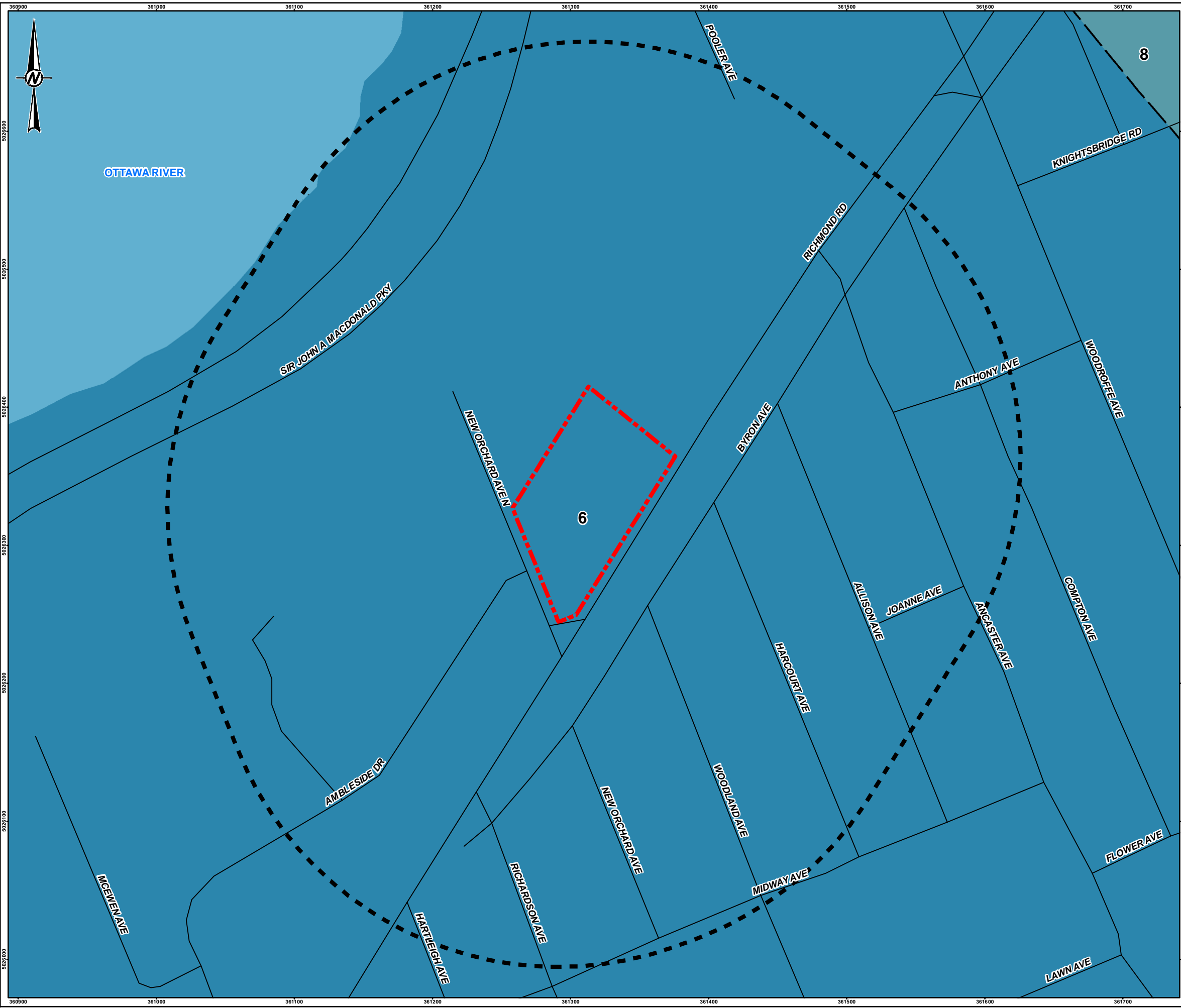
TITLE  
**SURFICIAL GEOLOGY**

CONSULTANT	YYYY-MM-DD	2021-10-06
<b>GOLDER</b> MEMBER OF WSP	DESIGNED	---
	PREPARED	JEM
	REVIEWED	---
	APPROVED	---

PROJECT NO. 21494078 CONTROL 0001 REV. A FIGURE 4

Path: N:\Vector\Spatial\_I\Map\Fengate\1047\_Richmond\_Rd\09\_Surficial\_Geology\001\_PhaseOne\_Geology\001-115-0007.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 28mm



**LEGEND**

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA
- 8: GULL RIVER FORMATION - LIMESTONE, WITH DOLOSTONE BEDS TOWARDS BASE
- 6: ROCKCLIFFE FORMATION - SANDSTONE, SHALE, LIMESTONE, DOLOSTONE

**NOTE(S)**  
 1. ALL LOCATIONS ARE APPROXIMATE

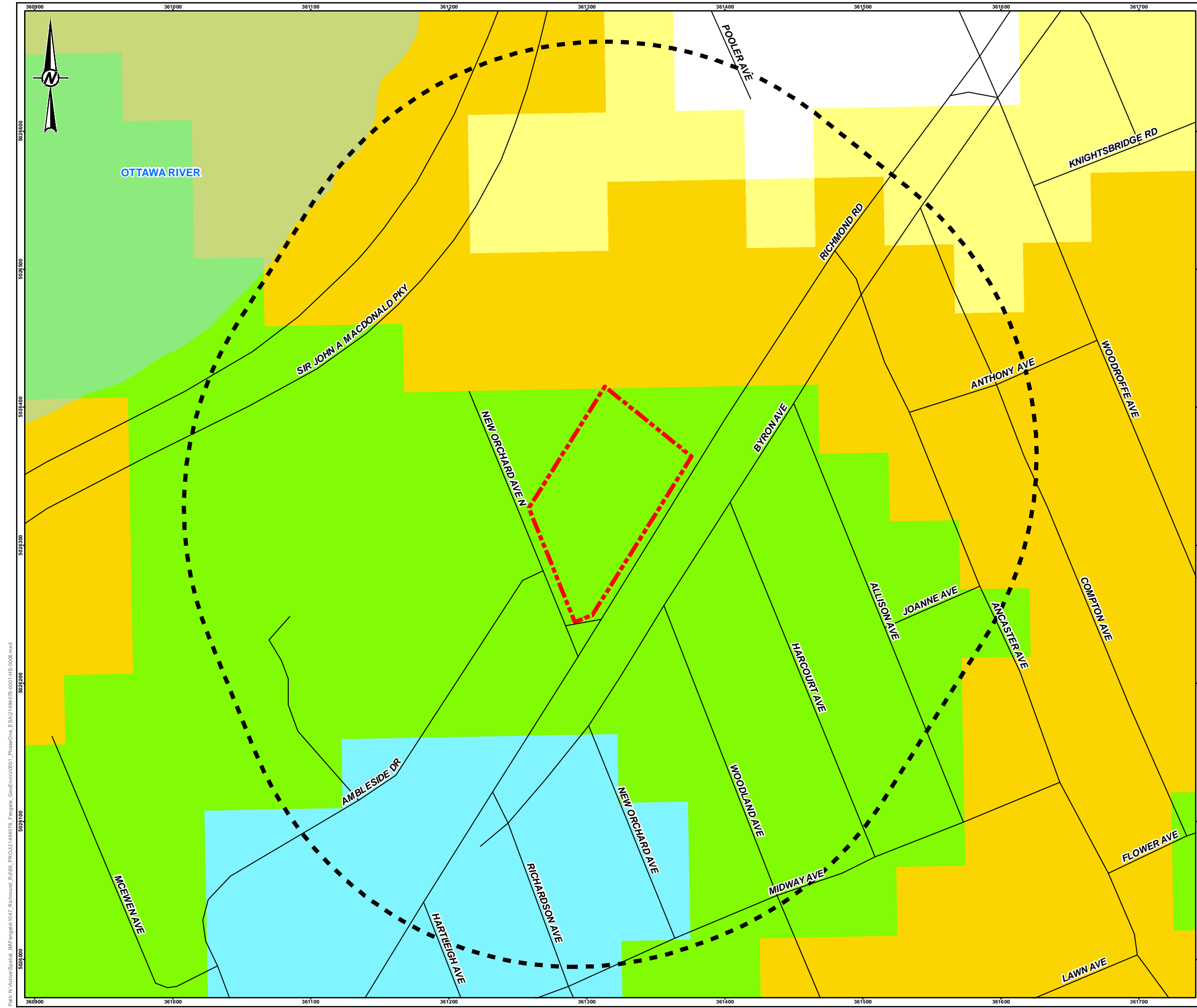
**REFERENCE(S)**  
 1. ARMSTRONG, D.K. AND DODGE, J.E.P. 2007. PALEOZOIC GEOLOGY OF SOUTHERN ONTARIO; ONTARIO GEOLOGICAL SURVEY, MISCELLANEOUS RELEASE-DATA 219  
 2. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEEN'S PRINTER 2020  
 3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28



<b>CLIENT</b>			
FENGATE DEVELOPMENT HOLDINGS LP			
<b>PROJECT</b>			
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1047 RICHMOND ROAD, OTTAWA, ONTARIO			
<b>TITLE</b>			
BEDROCK GEOLOGY			
<b>CONSULTANT</b>	YYYY-MM-DD	2021-10-06	
	DESIGNED	---	
	PREPARED	JEM	
	REVIEWED	---	
	APPROVED	---	
<b>PROJECT NO.</b>	<b>CONTROL</b>	<b>REV.</b>	<b>FIGURE</b>
21494078	0001	A	5

Path: N:\Vector\Spatial\_IME\Fengate\1047\_Richmond\_Rd\099\_Prog\01494078\_Engine\_Gen\Emr\0001\_PhaseOne\_Gen\Emr\0001-10-06.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 28mm



**LEGEND**

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA

**TREND IN DEPTH TO BEDROCK (METRES)**

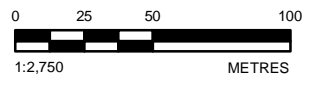
- 1 to 2
- 2 to 3
- 3 to 5
- 5 to 10
- 10 to 15

**NOTE(S)**

1. ALL LOCATIONS ARE APPROXIMATE

**REFERENCE(S)**

1. 2010 BÉLANGER, J. R., URBAN GEOLOGY OF THE NATIONAL CAPITAL AREA, GEOLOGICAL SURVEY OF CANADA, OPEN FILE D3256, 2001  
 2. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020  
 3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83,  
 COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28



CLIENT  
**FENGATE DEVELOPMENT HOLDINGS LP**

PROJECT  
**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
 1047 RICHMOND ROAD, OTTAWA, ONTARIO**

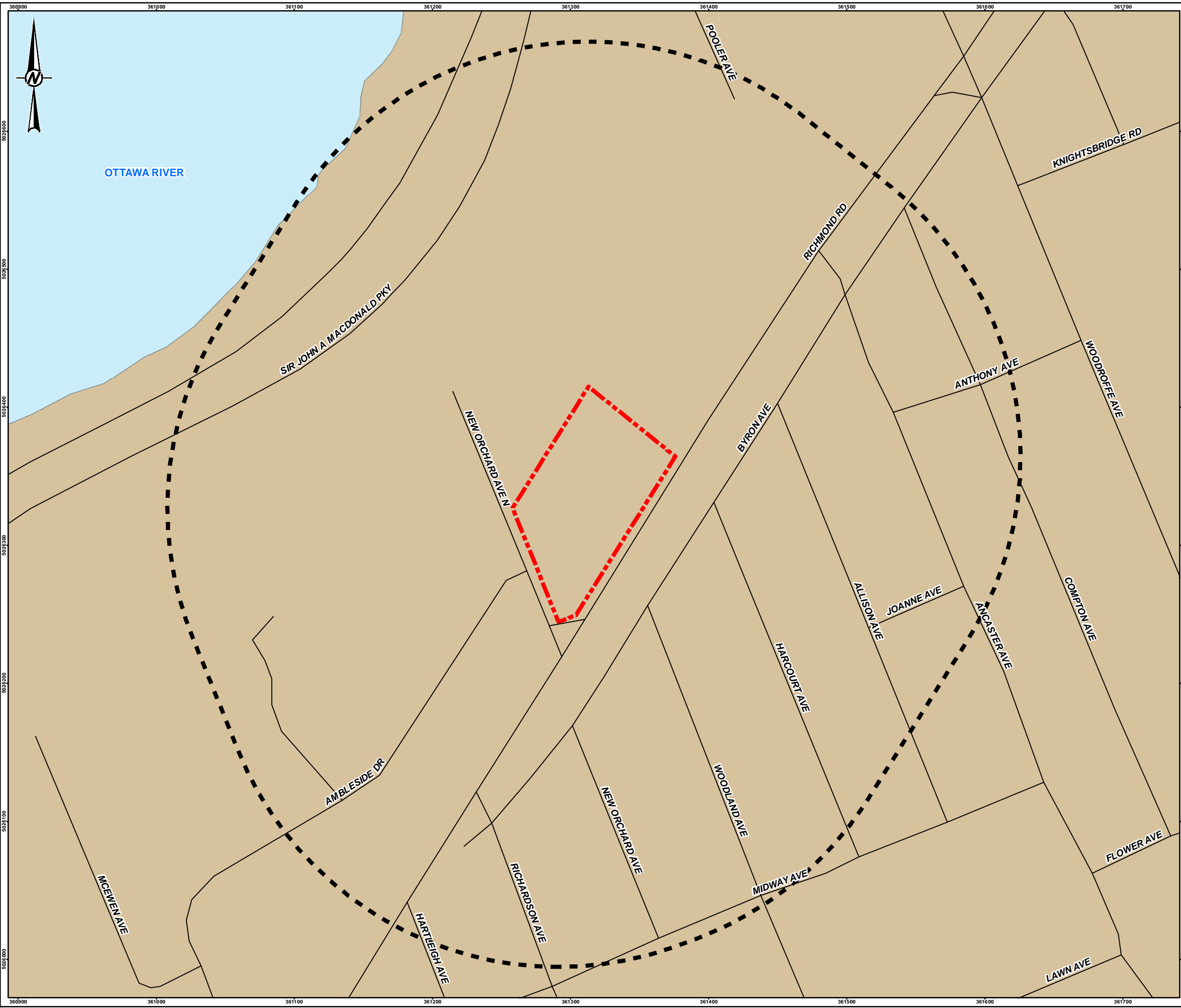
TITLE  
**DRIFT THICKNESS**

CONSULTANT	YYYY-MM-DD	2021-10-06
	DESIGNED	---
	PREPARED	JEM
	REVIEWED	---
	APPROVED	---

PROJECT NO. 21494078 CONTROL 0001 REV. A FIGURE 6

Path: N:\Vector\Spatial\_IME\Fengate\1047\_Richmond\_Rd\099\_Prog\031494078\_Fengate\_GeolEnv\Geo001\_PhaseOne\_ESA\21494078\_001-115-0008.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 28mm



**LEGEND**

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA
- URBAN SOILS

**NOTE(S)**  
1. ALL LOCATIONS ARE APPROXIMATE

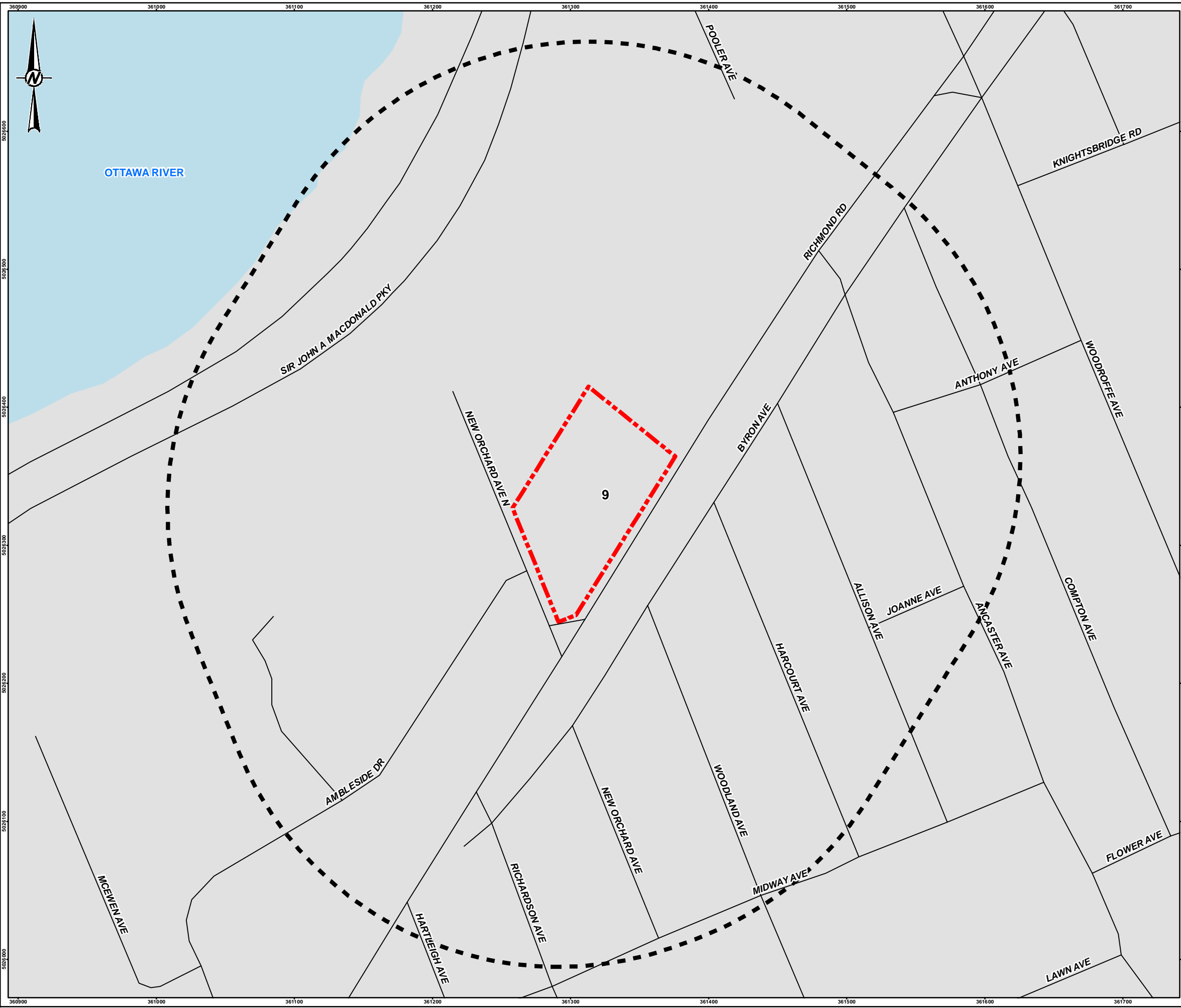
**REFERENCE(S)**  
1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020  
2. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28



<b>CLIENT</b>			
FENGATE DEVELOPMENT HOLDINGS LP			
<b>PROJECT</b>			
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1047 RICHMOND ROAD, OTTAWA, ONTARIO			
<b>TITLE</b>			
SOIL SURVEY COMPLEX (ONTARIO SOILS)			
<b>CONSULTANT</b>		YYYY-MM-DD	2021-10-06
		DESIGNED	---
		PREPARED	JEM
		REVIEWED	---
		APPROVED	---
PROJECT NO.	CONTROL	REV.	FIGURE
21494078	0001	A	7

Path: N:\Vector\Spatial\_IME\Fengate\1047\_Richmond\_Rd\09\_Soil\_Survey\GeoInfo\001\_PhaseOne\_EnvInfo\001\_PhaseOne\_EnvInfo\001-10-06.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 28mm

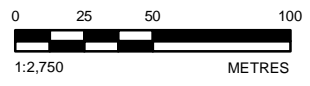


**LEGEND**

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA
- 9: LIMESTONE PLAINS

**NOTE(S)**  
1. ALL LOCATIONS ARE APPROXIMATE

**REFERENCE(S)**  
1. CHAPMAN, L.J. AND PUTNAM, D.F. 2007. PHYSIOGRAPHY OF SOUTHERN ONTARIO; ONTARIO GEOLOGICAL SURVEY, MISCELLANEOUS RELEASE-DATA 228  
2. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020  
3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28



CLIENT  
**FENGATE DEVELOPMENT HOLDINGS LP**

PROJECT  
**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT  
1047 RICHMOND ROAD, OTTAWA, ONTARIO**

TITLE  
**PHYSIOGRAPHY MAP**

CONSULTANT	YYYY-MM-DD	2021-10-06
<b>GOLDER</b> MEMBER OF WSP	DESIGNED	---
	PREPARED	JEM
	REVIEWED	---
	APPROVED	---

PROJECT NO. 21494078 CONTROL 0001 REV. A FIGURE 8

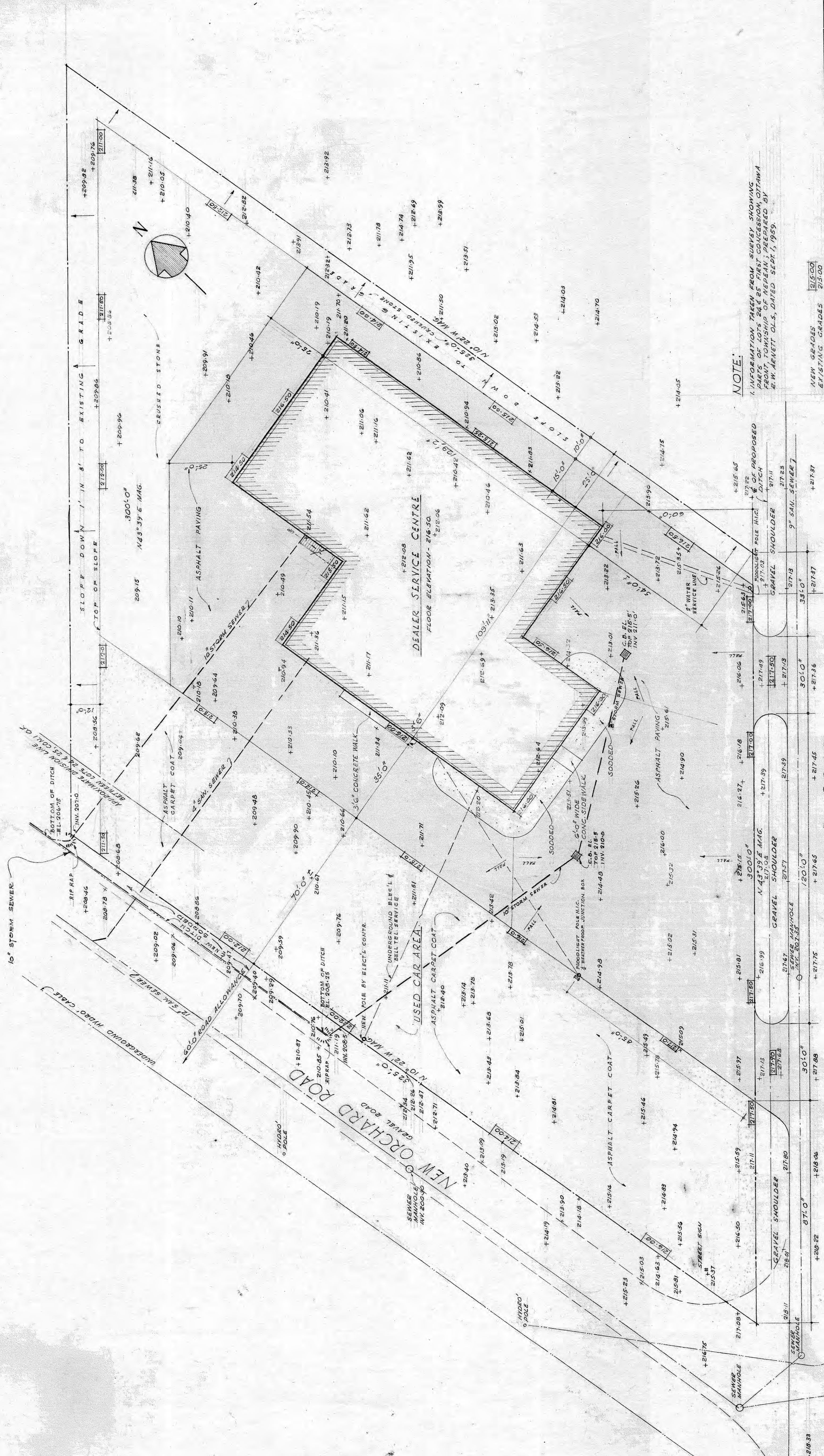
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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 28mm

**APPENDIX A**

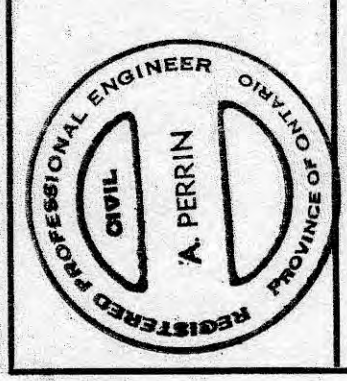
**Site Plan**





NOTE:  
 1. INFORMATION TAKEN FROM SURVEY SHOWING  
 2. REVISIONS TO THIS PLAN MADE IN ACCORDANCE WITH  
 FRONT TOWNSHIP OF WILSON, PREPARED BY  
 R.W. ARNETT O.L.S. DATED SEPT. 1, 1959.

NEW GRADES 215.00  
 EXISTING GRADES 215.00



DETAIL SYMBOL  
 DETAIL NUMBER  
 LOCATION  
 SHEET

CLIENT	CHRYSLER CORPORATION OF CANADA	
JOB TITLE	SALES & SERVICE CENTRES	
SHEET TITLE	PLOT PLAN - RICHMOND ROAD	
ENGINEERS	GIFFELS & VALLET OF CANADA, LTD.	
TORONTO, ONT.		
PROJECT CHIEF	WINDSOR, ONT.	
IN CHARGE	A. PERRIN	
DATE	7/14/59	
DESIGNED	R. ROGERS	
CHECKED		
APPROVED		
JOB CAPTAIN	J. LEMARD	
JOB NO.	C 59 27 B	
REVISIONS		
NO.	DATE	ISSUED FOR
#2	7/14/59	CONSTRUCTION
		BUILDING PERMIT
		SUBSTANTIAL TEMPERS
		DATE
		BY
		BULLETIN
		REVISION

PLOT PLAN  
 SCALE 1" = 20.0'

RICHMOND ROAD  
 ASPHALT PAVEMENT

UNDERGROUND BELL TELEPHONE CABLE

**APPENDIX B**

**Ecolog ERIS**

PROPERTY DESCRIPTION: PART OF LOTS 24 AND 25, CONCESSION 1 (OF), AS IN N545545, SAVE AND EXCEPT PART 1 ON PLAN 5R-3653, OTTAWA.

PROPERTY REMARKS:

ESTATE/QUALIFIER:  
FEE SIMPLE  
LT CONVERSION QUALIFIED

RECENTLY:  
DIVISION FROM 03970-0010

PIN CREATION DATE:  
1997/07/16

OWNERS' NAMES  
RIMOSA INVESTMENTS LIMITED

CAPACITY SHARE  
BENO

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
<p><b>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/03/17 ON THIS PIN**</b></p> <p><b>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1997/07/16**</b></p> <p><b>** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1997/07/15 **</b></p> <p><b>**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:</b></p> <p><b>** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *</b></p> <p><b>** AND ESCHEATS OR FORFEITURE TO THE CROWN.</b></p> <p><b>** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF</b></p> <p><b>** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY</b></p> <p><b>** CONVENTION.</b></p> <p><b>** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</b></p> <p><b>**DATE OF CONVERSION TO LAND TITLES: 1997/03/17 **</b></p>						
CR602796	1971/12/03	LEASE			PARKWAY CHRYSLER PLYMOUTH LTD	C
CR691573	1976/06/29	AGREEMENT			THE CORPORATION OF THE CITY OF OTTAWA	C
		REMARKS: DEVELOPMENT				
CR721634	1977/12/01	AGR AM L				C
CR721635	1977/12/01	AGR AM L				C
NS14531	1978/05/26	LEASE			CHRYSLER CANADA LTD.	C
5R3562	1978/06/13	PLAN REFERENCE				C
5R3653	1978/07/19	PLAN REFERENCE				C
NS21712	1978/07/21	ASSIGNMENT LEASE			CHRYSLER CREDIT CANADA LTD.	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.

NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

LAND  
REGISTRY  
OFFICE #4

03970-0109 (LT)

PREPARED FOR bertucci  
ON 2021/09/24 AT 16:56:45

\* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT \* SUBJECT TO RESERVATIONS IN CROWN GRANT \*

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
		REMARKS: NS14531				
NS30144	1978/09/26	SUBLEASE			PARKWAY CHRYSLER PLYMOUTH LTD.	C
NS33468	1978/10/24	ASSIGNMENT LEASE			CHRYSLER CREDIT CANADA LTD.	C
		REMARKS: NS14531				
NS147091	1982/04/02	ASSIGNMENT LEASE			CHRYSLER CREDIT CANADA LTD. CHRYSLER CANADA LTD.	C
NS147094	1982/04/02	LEASE			CHRYSLER CANADA LTD.	C
NS243255	1984/06/08	ASSIGNMENT LEASE			ROYAL TRUST CORPORATION OF CANADA	C
		REMARKS: NS147094				
N291634	1985/06/19	ASSIGNMENT LEASE			ROYAL TRUST CORPORATION OF CANADA	C
		REMARKS: NS147093				
N545545	1990/08/08	TRANSFER	\$2,550,000		RIMOSA INVESTMENTS LIMITED	C
N615753	1992/04/29	NOTICE				C
N615754	1992/04/29	ASSIGNMENT LEASE			BANK OF MONTREAL	C
LT1035561	1997/04/01	CHARGE	\$2,100,000	RIMOSA INVESTMENTS LIMITED	THE BANK OF NOVA SCOTIA	C
LT1112079	1998/03/27	NOTICE OF LEASE		RIMOSA INVESTMENTS LIMITED	CHRYSLER CANADA LTD.	C
LT1142380	1998/08/14	NOTICE		RIMOSA INVESTMENTS LIMITED	CHRYSLER CANADA LIMITED	C
		REMARKS: LT1112079.				
OC1135995	2010/07/16	NOTICE		HER MAJESTY THE QUEEN IN RIGHT OF CANADA		C
		REMARKS: AIRPORT ZONING REGULATION				

CHAIN OF TITLE REPORT

Project #: 21494078  
 Address: 1047 Richmond Road. Ottawa  
 Legal Description: Part Lots 24 & 25 Con 1 (OF) Nepean  
as in N545545, Except Pt 1 5R-3653

Searched at: Ottawa  
 LRO #: 4

Page 1

PIN #: 03970-0109 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	08 03 1804	Crown	Joseph BOISSEAU
224	Deed	18 07 1829	Joseph Boisseau	Robert HALLOWELL
583	Deed	31 01 1833	Robert Hallowell	George BAKER
26495	Deed	24 08 1866	George Baker	Godfrey BAKER
13353	Deed	26 05 1888	George Baker exor for Godfrey Baker - Estate	George AIKEN
14196	Deed	27 12 1889	George Aiken	John B. ULLETT
43743	Deed	17 11 1940	John B. Ullett - Estate	Robert L. ULLETT
302127	Deed	03 07 1952	Robert L. Ullett - Estate	Nick BOOSAMRA
352249	Deed	15 10 1956	Nick Boosamra	Brownlee & McKeown Limited

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project #: 21494078  
 Address: 1047 Richmond Road. Ottawa  
 Legal Description: Part Lots 24 & 25 Con 1 (OF) Nepean  
as in N545545, Except Pt 1 5R-3653

Searched at: Ottawa  
 LRO #: 4

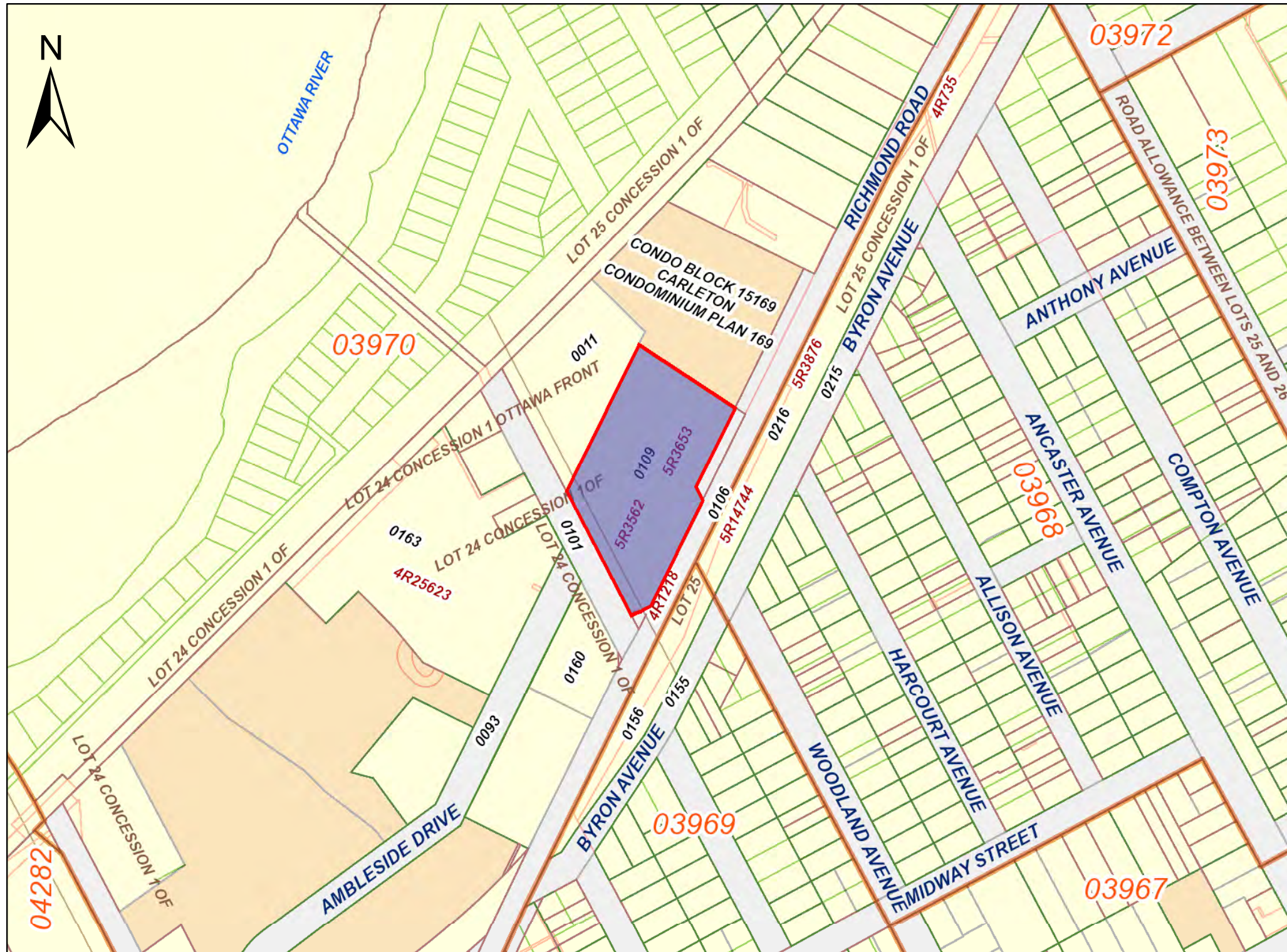
Page 2

PIN #: 03970-0109 (LT)

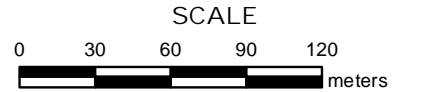
INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
363806	Deed	19 09 1957	McKeown Realties Limited (Formerly Brownlee & McKeown Limited)	Charles A. BROWNLEE & Patrick McKEOWN
376110	Deed	15 08 1958	Charles A. Brownlee & Patrick McKeown	Northern Garage and Holdings Limited
396109	Deed	09 10 1959	Northern Garage and Holdings Limited	Chrysler Corporation of Canada
602793	Deed	03 12 1971	Chrysler Canada Ltd. (Formerly Chrysler Corporation of Canada)	Parkway Chrysler Plymouth Ltd.
NS147093	Deed	02 04 1982	Parkway Chrysler Plymouth Ltd.	505432 Ontario Limited
N545545	Deed (Present Ower)	08 03 1990	Marinter (Ontario) Ltd. (Formerly 505432 Ontario Limited)	Rimosa Investments Limited
LT1112079	Lease	27 03 1998	Rimosa Investments Limited	Chrysler Canada Ltd. (Lessee)



OTTAWA RIVER



PRINTED ON 24 SEP, 2021 AT 16:57:26  
FOR BERTUCCI



### PROPERTY INDEX MAP OTTAWA-CARLETON(No. 04)

#### LEGEND

- FREEHOLD PROPERTY
- LEASEHOLD PROPERTY
- LIMITED INTEREST PROPERTY
- CONDOMINIUM PROPERTY
- RETIRED PIN (MAP UPDATE PENDING)
- PROPERTY NUMBER 0449
- BLOCK NUMBER 08050
- GEOGRAPHIC FABRIC
- EASEMENT

THIS IS NOT A PLAN OF SURVEY

#### NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED





CITY  
**DIRECTORY**

**Project Property:** *1047 Richmond Road, Ottawa, Ontario*  
**Report Type:** *City Directory*  
**Order No:** *21083000552*  
**Information Source:** *Vernon's Ottawa & Area, City Directory*  
**Date Completed:** *2021/09/20*

***\*\*Note addendum regarding documentation results\*\****

**Environmental Risk Information Services** City Directory Information Source

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com



<b>PROJECT NUMBER:</b> 21083000552	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Year:</b> 2011	
<b>Site Listing:</b>	-Metro Chrysler Dodge Jeep
<b>Adjacent Properties:</b>	
<b>Richmond Road (945-1145)</b>	-All Residential  955-Ottawa Honda  -Kaysush Dev.  979-Tops Car Wash  993-Tim Hortons  <i>-Information Inaccessible: 1046-1145</i>
<b>Allison Avenue (180-240)</b>	-All Residential  <i>-Information Inaccessible: 226-240</i>
<b>Ambleside Drive (1070-1090)</b>	1071-Multi Tenant Residential  -Parkway Tuck Shop

**Single-address coverage only:  
information on addresses not listed is  
currently inaccessible**

**Ancaster Avenue (175-225)**

-All Residential

208-Positive Punch

212-Frank's Roofing & Snow Removing

**Anthony Avenue (1995-2215)**

-All Residential

*-Information Inaccessible: 2211-2215*

**Byron Avenue (1100-1240)**

-All Residential

*-Information Inaccessible: 1181-1240*

**Compton Avenue (170-200)**

-All Residential

**Harcourt Avenue (195-250)**

-All Residential

*-Information Inaccessible: 221-250*

**Hartleigh Avenue (230-245)**

*-Information Inaccessible*

**Joanne Avenue (All)**

-All Residential

*-Information Inaccessible: Start-2209, 2231-End*

<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>  <i>Single-address coverage only: information on addresses not listed is currently inaccessible</i>	99- Multi Tenant Residential  -Extencicare New Orchard Lodge  100- Res (2 Tenants)  -Gill AS  108- Multi Tenant Residential  118- Res (3 Tenants)
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-All Residential  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>
<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Hulse Playfair & McGarry

<b>PROJECT NUMBER: 21083000552</b>	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Year: 2005-2007</b>	

<b>Site Listing:</b>	-Metro Chrysler Dodge Jeep -Metro Leasing
<b>Adjacent Properties:</b>	
<b>Richmond Road (945-1145)</b>	-All Residential  945-Cash Flow Recoveries Inc.  955-Ottawa Honda  -Kaysush Dev.  975-Mexicali Rosa's  979-Tops Car Wash  <i>-Information Inaccessible: 1046-1145</i>
<b>Allison Avenue (180-240)</b>	-All Residential  <i>-Information Inaccessible: 226-240</i>
<b>Ambleside Drive (1070-1090)</b>	1071-Multi Tenant Residential  -Parkway Tuck Shop  -Hair Duo
<i>Single-address coverage only: information on addresses not listed is currently inaccessible</i>	
<b>Ancaster Avenue (175-225)</b>	-All Residential  208-Positive Punch

<b>Anthony Avenue (1995-2215)</b>	-All Residential  <i>-Information Inaccessible: 2211-2215</i>
<b>Byron Avenue (1100-1240)</b>	-All Residential  1162-Havlin Photography  <i>-Information Inaccessible: 1181-1240</i>
<b>Compton Avenue (170-200)</b>	-All Residential
<b>Harcourt Avenue (195-250)</b>	-All Residential  <i>-Information Inaccessible: 221-250</i>
<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>
<b>Joanne Avenue (All)</b>	-All Residential  <i>-Information Inaccessible: Start-2209, 2231-End</i>
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>	99- Multi Tenant Residential  -Extencicare New Orchard Lodge

<b>Single-address coverage only: information on addresses not listed is currently inaccessible</b>	100- Res (1 Tenant) -Gill AS 108- Multi Tenant Residential 118- Res (4 Tenants)
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-All Residential  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>
<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Hulse Playfair & McGarry

<b>PROJECT NUMBER:</b> 21083000552	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Year:</b> 2000-2002	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>Richmond Road (945-1145)</b>	-All Residential

	<p>955-Ottawa Honda</p> <p>-Kaysush Dev.</p> <p>965-MMC Ottawa Tours</p> <p>975-Mexicali Rosa's</p> <p>979-Tops Car Wash</p> <p>993-Tim Hortons</p> <p><i>-Information Inaccessible: 1046-1145</i></p>
<b>Allison Avenue (180-240)</b>	<p>-All Residential</p> <p><i>-Information Inaccessible: 226-240</i></p>
<p><b>Ambleside Drive (1070-1090)</b></p> <p><i>Single-address coverage only: information on addresses not listed is currently inaccessible</i></p>	<p>1071-Multi Tenant Residential</p> <p>-Parkway Tuck Shop</p> <p>-Hair Duo</p>
<b>Ancaster Avenue (175-225)</b>	-All Residential
<b>Anthony Avenue (1995-2215)</b>	<p>-All Residential</p> <p><i>-Information Inaccessible: 2211-2215</i></p>
<b>Byron Avenue (1100-1240)</b>	-All Residential

	<i>-Information Inaccessible: 1181-1240</i>
<b>Compton Avenue (170-200)</b>	-All Residential
<b>Harcourt Avenue (195-250)</b>	-All Residential  <i>-Information Inaccessible: 221-250</i>
<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>
<b>Joanne Avenue (All)</b>	-All Residential  <i>-Information Inaccessible: Start-2209, 2231-End</i>
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>	99- Multi Tenant Residential  -Extendicare New Orchard Lodge  100- Res (2 Tenants)  108- Multi Tenant Residential  118- Multi Tenant Residential
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-All Residential  <i>-Information Inaccessible: 101-110</i>



<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>
<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Hulse Playfair & McGarry

<b>PROJECT NUMBER: 21083000552</b>	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Year: 1995-1997</b>	
<b>Site Listing:</b>	-Metro Plymouth Chrysler -Metro Rental & Leasing
<b>Adjacent Properties:</b>	
<b>Richmond Road (945-1145)</b>	-All Residential  945-Hair Salon -Prime Cut Foods 955-Ottawa Honda 971-Can Federal Systems 979-Tops Car Wash  <i>-Information Inaccessible: 1046-1145</i>

<b>Allison Avenue (180-240)</b>	-All Residential  <i>-Information Inaccessible: 226-240</i>
<b>Ambleside Drive (1070-1090)</b>  <i>Single-address coverage only: information on addresses not listed is currently inaccessible</i>	1071-Multi Tenant Residential  -Towers Tuck Shop  -Hair Duo  -McLean Insurance Brokers
<b>Ancaster Avenue (175-225)</b>	-All Residential
<b>Anthony Avenue (1995-2215)</b>	-All Residential   <i>-Information Inaccessible: 2211-2215</i>
<b>Byron Avenue (1100-1240)</b>	-All Residential   <i>-Information Inaccessible: 1181-1240</i>
<b>Compton Avenue (170-200)</b>	-All Residential
<b>Harcourt Avenue (195-250)</b>	-All Residential   <i>-Information Inaccessible: 221-250</i>
<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>

<b>Joanne Avenue (All)</b>	-All Residential  <i>-Information Inaccessible: Start-2209, 2231-End</i>
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>  <i>Single-address coverage only: information on addresses not listed is currently inaccessible</i>	99- Multi Tenant Residential  -Extencicare New Orchard Lodge  100- Res (1 Tenant)  108- Multi Tenant Residential  118- Multi Tenant Residential
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-All Residential  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>
<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Residential, or Unlisted

<b>PROJECT NUMBER:</b> 21083000552	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario

Year: 1990-1992	
Site Listing:	-Metro Plymouth Chrysler
Adjacent Properties:	
Richmond Road (945-1145)	-All Residential  945-Fishburn Roofing Sciences Group  971-Can Federal Systems  979-Tops Car Wash  <i>-Information Inaccessible: 1046-1145</i>
Allison Avenue (180-240)	-All Residential  <i>-Information Inaccessible: 226-240</i>
Ambleside Drive (1070-1090)	1071-Multi Tenant Residential  -Parkway Towers Tuck Shop  <i>Single-address coverage only: information on addresses not listed is currently inaccessible</i>  -Joan's Beauty Salon  -Cameron Insurance Brokers
Ancaster Avenue (175-225)	-All Residential
Anthony Avenue (1995-2215)	-All Residential

	<i>-Information Inaccessible: 2211-2215</i>
<b>Byron Avenue (1100-1240)</b>	-All Residential  <i>-Information Inaccessible: 1181-1240</i>
<b>Compton Avenue (170-200)</b>	-All Residential
<b>Harcourt Avenue (195-250)</b>	-All Residential  <i>-Information Inaccessible: 221-250</i>
<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>
<b>Joanne Avenue (All)</b>	-All Residential  <i>-Information Inaccessible: Start-2209, 2231-End</i>
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>	99- Multi Tenant Residential  -New Orchard Lodge Nursing Home  100- Res (1 Tenant)  108- Multi Tenant Residential  118- Address Not Listed
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>

<b>Pooler Avenue (90-110)</b>	-All Residential  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>
<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Residential, or Unlisted

<b>PROJECT NUMBER: 21083000552</b>	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Year: 1984-1987</b>	
<b>Site Listing:</b>	-Metro Plymouth Chrysler
<b>Adjacent Properties:</b>	
<b>Richmond Road (945-1145)</b>	-All Residential  945-Hair Salon  947-Anderson Techno Products  959-Law Office  965-Lindenhof Rest  -Ecolab Ltd.

	<p>971-Can Federal Systems</p> <p>975-Zorro Rest</p> <p>979-Tops Car Wash</p> <p>993-Vittoria's Café</p> <p><i>-Information Inaccessible: 1046-1145</i></p>
<b>Allison Avenue (180-240)</b>	<p>-All Residential</p> <p><i>-Information Inaccessible: 226-240</i></p>
<p><b>Ambleside Drive (1070-1090)</b></p> <p><i>Single-address coverage only: information on addresses not listed is currently inaccessible</i></p>	<p>1071-Multi Tenant Residential</p> <p>-Parkway Towers Tuck Shop</p>
<b>Ancaster Avenue (175-225)</b>	-All Residential
<b>Anthony Avenue (1995-2215)</b>	<p>-All Residential</p> <p><i>-Information Inaccessible: 2211-2215</i></p>
<b>Byron Avenue (1100-1240)</b>	<p>-All Residential</p> <p><i>-Information Inaccessible: 1181-1240</i></p>
<b>Compton Avenue (170-200)</b>	-All Residential

<b>Harcourt Avenue (195-250)</b>	-All Residential  <i>-Information Inaccessible: 221-250</i>
<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>
<b>Joanne Avenue (All)</b>	-All Residential  <i>-Information Inaccessible: Start-2209, 2231-End</i>
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>	99- New Orchard Lodge Nursing Home  100- Res (1 Tenant)  108- Address Not Listed  118- Address Not Listed
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-All Residential  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>



<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Residential, or Unlisted

<b>PROJECT NUMBER: 21083000552</b>	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Year: 1979-1982</b>	
<b>Site Listing:</b>	-Parkway Plymouth Chrysler
<b>Adjacent Properties:</b>	
<b>Richmond Road (945-1145)</b>	<p>-All Residential</p> <p>945-Hair Salon</p> <p>-Dutch Groceries &amp; Imports</p> <p>-Florence Ladies Wear</p> <p>947-Grierson Race &amp; Rally</p> <p>955-Viscount Builders</p> <p>965-Lindenhof Rest</p> <p>971-Can Federal Systems</p> <p>979-Tops Car Wash</p> <p>993-Palmer Cleaners</p> <p><i>-Information Inaccessible: 1046-1145</i></p>

<b>Allison Avenue (180-240)</b>	-All Residential  <i>-Information Inaccessible: 226-240</i>
<b>Ambleside Drive (1070-1090)</b>  <i>Single-address coverage only: information on addresses not listed is currently inaccessible</i>	1071-Multi Tenant Residential  -Parkway Towers Tuck Shop  -Salon Margaret
<b>Ancaster Avenue (175-225)</b>	-All Residential
<b>Anthony Avenue (1995-2215)</b>	-All Residential  <i>-Information Inaccessible: 2211-2215</i>
<b>Byron Avenue (1100-1240)</b>	-All Residential  <i>-Information Inaccessible: 1181-1240</i>
<b>Compton Avenue (170-200)</b>	-All Residential
<b>Harcourt Avenue (195-250)</b>	-All Residential  <i>-Information Inaccessible: 221-250</i>
<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>

<b>Joanne Avenue (All)</b>	-All Residential  <i>-Information Inaccessible: Start-2209, 2231-End</i>
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>  <i>Single-address coverage only: information on addresses not listed is currently inaccessible</i>	99- New Orchard Lodge Nursing Home  100- Res (1 Tenant)  108- Address Not Listed  118- Res (2 Tenants)
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-All Residential  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>
<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Residential, or Unlisted

<b>PROJECT NUMBER:</b> 21083000552	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario



<b>Ancaster Avenue (175-225)</b>	-All Residential
<b>Anthony Avenue (1995-2215)</b>	-All Residential  <i>-Information Inaccessible: 2211-2215</i>
<b>Byron Avenue (1100-1240)</b>	-All Residential  <i>-Information Inaccessible: 1181-1240</i>
<b>Compton Avenue (170-200)</b>	-All Residential
<b>Harcourt Avenue (195-250)</b>	-All Residential  <i>-Information Inaccessible: 221-250</i>
<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>
<b>Joanne Avenue (All)</b>	-All Residential  <i>-Information Inaccessible: Start-2209, 2231-End</i>
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>	99- New Orchard Lodge Nursing Home  100- Res (1 Tenant)  108- Address Not Listed

<b>Single-address coverage only: information on addresses not listed is currently inaccessible</b>	118- Res (2 Tenants)
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-All Residential  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>
<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Residential, or Unlisted

<b>PROJECT NUMBER:</b> 21083000552	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Year:</b> 1969-1971	
<b>Site Listing:</b>	-Parkway Plymouth Chrysler
<b>Adjacent Properties:</b>	
<b>Richmond Road (945-1145)</b>	-All Residential

	<p>955-Boutique Ladies Wear</p> <p>965-Chicken Delight Rest</p> <p>971-Spindler's Merchant</p> <p>979-Tops Car Wash</p> <p>993-A &amp; W Drive-In Rest</p> <p><i>-Information Inaccessible: 1046-1145</i></p>
<b>Allison Avenue (180-240)</b>	<p>-All Residential</p> <p><i>-Information Inaccessible: 226-240</i></p>
<p><b>Ambleside Drive (1070-1090)</b></p> <p><i>Single-address coverage only: information on addresses not listed is currently inaccessible</i></p>	<p>1071-Multi Tenant Residential</p> <p>-Parkway Towers Tuck Shop</p> <p>-Parkway Towers Beauty Salon</p>
<b>Ancaster Avenue (175-225)</b>	-All Residential
<b>Anthony Avenue (1995-2215)</b>	<p>-All Residential</p> <p><i>-Information Inaccessible: 2211-2215</i></p>
<b>Byron Avenue (1100-1240)</b>	<p>-All Residential</p> <p><i>-Information Inaccessible: 1181-1240</i></p>

<b>Compton Avenue (170-200)</b>	-All Residential
<b>Harcourt Avenue (195-250)</b>	-All Residential  <i>-Information Inaccessible: 221-250</i>
<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>
<b>Joanne Avenue (All)</b>	-All Residential  <i>-Information Inaccessible: Start-2209, 2231-End</i>
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>	99- New Orchard Lodge Nursing Home  100- Res (1 Tenant)  108- Address Not Listed  118- Res (2 Tenants)
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-All Residential  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>



<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Residential, or Unlisted

<b>PROJECT NUMBER: 21083000552</b>	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Year: 1965</b>	
<b>Site Listing:</b>	-Parkway Plymouth Chrysler
<b>Adjacent Properties:</b>	
<b>Richmond Road (945-1145)</b>	-All Residential  993-A & W Drive-In Rest  <i>-Information Inaccessible: 1046-1145</i>
<b>Allison Avenue (180-240)</b>	-All Residential  <i>-Information Inaccessible: 226-240</i>
<b>Ambleside Drive (1070-1090)</b>	1071-Multi Tenant Residential

*Single-address coverage only:  
information on addresses not listed is  
currently inaccessible*

**Ancaster Avenue (175-225)**

-All Residential

**Anthony Avenue (1995-2215)**

-All Residential

*-Information Inaccessible: 2211-2215*

**Byron Avenue (1100-1240)**

-All Residential

*-Information Inaccessible: 1181-1240*

**Compton Avenue (170-200)**

-All Residential

**Harcourt Avenue (195-250)**

-All Residential

*-Information Inaccessible: 221-250*

**Hartleigh Avenue (230-245)**

*-Information Inaccessible*

**Joanne Avenue (All)**

-All Residential

*-Information Inaccessible: Start-2209, 2231-End*

**Midway Avenue (2265-2305)**

*-Information Inaccessible*



<b>New Orchard Avenue (All)</b>	99- Address Not Listed 100- Res (1 Tenant) 108- Address Not Listed 118- Address Not Listed
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-All Residential  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>
<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Residential, or Unlisted

<b>PROJECT NUMBER:</b> 21083000552	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Year:</b> 1959-1961	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	

<b>Richmond Road (945-1145)</b>	-All Residential  <i>-Information Inaccessible: 1046-1145</i>
<b>Allison Avenue (180-240)</b>	-All Residential  <i>-Information Inaccessible: 226-240</i>
<b>Ambleside Drive (1070-1090)</b>	1071-Address Not Listed  <i>Single-address coverage only: information on addresses not listed is currently inaccessible</i>
<b>Ancaster Avenue (175-225)</b>	-All Residential
<b>Anthony Avenue (1995-2215)</b>	-All Residential  <i>-Information Inaccessible: 2211-2215</i>
<b>Byron Avenue (1100-1240)</b>	-All Residential  <i>-Information Inaccessible: 1181-1240</i>
<b>Compton Avenue (170-200)</b>	-All Residential
<b>Harcourt Avenue (195-250)</b>	-All Residential

	<i>-Information Inaccessible: 221-250</i>
<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>
<b>Joanne Avenue (All)</b>	-All Residential  <i>-Information Inaccessible: Start-2209, 2231-End</i>
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>	99- Address Not Listed  100- Res (1 Tenant)  108- Address Not Listed  118- Address Not Listed
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-All Residential  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>
<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Residential, or Unlisted

<b>PROJECT NUMBER:</b> 21083000552	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Year:</b> 1954-1956	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>Richmond Road (945-1145)</b>	-All Residential  <i>-Information Inaccessible: 1046-1145</i>
<b>Allison Avenue (180-240)</b>	-All Residential  <i>-Information Inaccessible: 226-240</i>
<b>Ambleside Drive (1070-1090)</b>	1071-Address Not Listed
<i>Single-address coverage only: information on addresses not listed is currently inaccessible</i>	
<b>Ancaster Avenue (175-225)</b>	-All Residential
<b>Anthony Avenue (1995-2215)</b>	-All Residential

	<i>-Information Inaccessible: 2211-2215</i>
<b>Byron Avenue (1100-1240)</b>	-All Residential  <i>-Information Inaccessible: 1181-1240</i>
<b>Compton Avenue (170-200)</b>	-All Residential
<b>Harcourt Avenue (195-250)</b>	-All Residential  <i>-Information Inaccessible: 221-250</i>
<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>
<b>Joanne Avenue (All)</b>	-All Residential  <i>-Information Inaccessible: Start-2209, 2231-End</i>
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>	99- Address Not Listed  100- Address Not Listed  108- Address Not Listed  118- Address Not Listed
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>

<b>Pooler Avenue (90-110)</b>	-All Residential  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>
<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Residential, or Unlisted

<b>PROJECT NUMBER: 21083000552</b>	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Year: 1949/1950</b>	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>Richmond Road (945-1145)</b>	-No Listings Within Radius  <i>-Information Inaccessible: 1046-1145</i>
<b>Allison Avenue (180-240)</b>	-No Listings Within Radius  <i>-Information Inaccessible: 226-240</i>



<b>Ambleside Drive (1070-1090)</b>	1071-Address Not Listed
<i>Single-address coverage only: information on addresses not listed is currently inaccessible</i>	
<b>Ancaster Avenue (175-225)</b>	-No Listings Within Radius
<b>Anthony Avenue (1995-2215)</b>	-Street Not Listed
	<i>-Information Inaccessible: 2211-2215</i>
<b>Byron Avenue (1100-1240)</b>	-No Listings Within Radius
	<i>-Information Inaccessible: 1181-1240</i>
<b>Compton Avenue (170-200)</b>	-Street Not Listed
<b>Harcourt Avenue (195-250)</b>	-No Listings Within Radius
	<i>-Information Inaccessible: 221-250</i>
<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>
<b>Joanne Avenue (All)</b>	-Street Not Listed
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>

<b>New Orchard Avenue (All)</b>  <i>Single-address coverage only: information on addresses not listed is currently inaccessible</i>	99- Address Not Listed  100- Address Not Listed  108- Address Not Listed  118- Address Not Listed
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-Street Not Listed  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>
<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Address Not Listed

<b>PROJECT NUMBER:</b> 21083000552	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Year:</b> 1946	
<b>Site Listing:</b>	<i>-Information Inaccessible</i>
<b>Adjacent Properties:</b>	

<b>Richmond Road (945-1145)</b>	-No Listings Within Radius  <i>-Information Inaccessible: 1046-1145</i>
<b>Allison Avenue (180-240)</b>	-Street Not Listed  <i>-Information Inaccessible: 226-240</i>
<b>Ambleside Drive (1070-1090)</b>	<i>-Information Inaccessible</i>
<b>Ancaster Avenue (175-225)</b>	-Street Not Listed
<b>Anthony Avenue (1995-2215)</b>	-Street Not Listed  <i>-Information Inaccessible: 2211-2215</i>
<b>Byron Avenue (1100-1240)</b>	-No Listings Within Radius  <i>-Information Inaccessible: 1181-1240</i>
<b>Compton Avenue (170-200)</b>	-Street Not Listed
<b>Harcourt Avenue (195-250)</b>	-No Listings Within Radius  <i>-Information Inaccessible: 221-250</i>

<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>
<b>Joanne Avenue (All)</b>	-Street Not Listed  <i>-Information Inaccessible: Start-2209, 2231-End</i>
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-Street Not Listed  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>
<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Address Not Listed

<b>PROJECT NUMBER:</b> 21083000552	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Year:</b> 1941	

<b>Site Listing:</b>	<i>-Information Inaccessible</i>
<b>Adjacent Properties:</b>	
<b>Richmond Road (945-1145)</b>	-No Listings Within Radius  <i>-Information Inaccessible: 1046-1145</i>
<b>Allison Avenue (180-240)</b>	-Street Not Listed  <i>-Information Inaccessible: 226-240</i>
<b>Ambleside Drive (1070-1090)</b>	<i>-Information Inaccessible</i>
<b>Ancaster Avenue (175-225)</b>	-Street Not Listed
<b>Anthony Avenue (1995-2215)</b>	-Street Not Listed  <i>-Information Inaccessible: 2211-2215</i>
<b>Byron Avenue (1100-1240)</b>	-No Listings Within Radius  <i>-Information Inaccessible: 1181-1240</i>
<b>Compton Avenue (170-200)</b>	-Street Not Listed
<b>Harcourt Avenue (195-250)</b>	-No Listings Within Radius

	<i>-Information Inaccessible: 221-250</i>
<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>
<b>Joanne Avenue (All)</b>	-Street Not Listed  <i>-Information Inaccessible: Start-2209, 2231-End</i>
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-Street Not Listed  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>
<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Address Not Listed

<b>PROJECT NUMBER:</b> 21083000552	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario

<b>Year: 1935</b>	
<b>Site Listing:</b>	<i>-Information Inaccessible</i>
<b>Adjacent Properties:</b>	
<b>Richmond Road (945-1145)</b>	-No Listings Within Radius  <i>-Information Inaccessible: 1046-1145</i>
<b>Allison Avenue (180-240)</b>	-Street Not Listed  <i>-Information Inaccessible: 226-240</i>
<b>Ambleside Drive (1070-1090)</b>	<i>-Information Inaccessible</i>
<b>Ancaster Avenue (175-225)</b>	-Street Not Listed
<b>Anthony Avenue (1995-2215)</b>	-Street Not Listed  <i>-Information Inaccessible: 2211-2215</i>
<b>Byron Avenue (1100-1240)</b>	-No Listings Within Radius  <i>-Information Inaccessible: 1181-1240</i>

<b>Compton Avenue (170-200)</b>	-Street Not Listed
<b>Harcourt Avenue (195-250)</b>	-Street Not Listed  <i>-Information Inaccessible: 221-250</i>
<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>
<b>Joanne Avenue (All)</b>	-Street Not Listed  <i>-Information Inaccessible: Start-2209, 2231-End</i>
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-Street Not Listed  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>
<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Address Not Listed



<b>PROJECT NUMBER:</b> 21083000552	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Year:</b> 1930	
<b>Site Listing:</b>	<i>-Information Inaccessible</i>
<b>Adjacent Properties:</b>	
<b>Richmond Road (945-1145)</b>	-No Listings Within Radius  <i>-Information Inaccessible: 1046-1145</i>
<b>Allison Avenue (180-240)</b>	-Street Not Listed  <i>-Information Inaccessible: 226-240</i>
<b>Ambleside Drive (1070-1090)</b>	<i>-Information Inaccessible</i>
<b>Ancaster Avenue (175-225)</b>	-Street Not Listed
<b>Anthony Avenue (1995-2215)</b>	-Street Not Listed  <i>-Information Inaccessible: 2211-2215</i>
<b>Byron Avenue (1100-1240)</b>	-No Listings Within Radius

	<i>-Information Inaccessible: 1181-1240</i>
<b>Compton Avenue (170-200)</b>	-Street Not Listed
<b>Harcourt Avenue (195-250)</b>	-Street Not Listed  <i>-Information Inaccessible: 221-250</i>
<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>
<b>Joanne Avenue (All)</b>	-Street Not Listed  <i>-Information Inaccessible: Start-2209, 2231-End</i>
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-Street Not Listed  <i>-Information Inaccessible: 101-110</i>
<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>

<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Address Not Listed

<b>PROJECT NUMBER: 21083000552</b>	
<b>Site Address:</b>	1047 Richmond Road, Ottawa, Ontario
<b>Year: 1925</b>	
<b>Site Listing:</b>	<i>-Information Inaccessible</i>
<b>Adjacent Properties:</b>	
<b>Richmond Road (945-1145)</b>	-Street Not Listed  <i>-Information Inaccessible: 1046-1145</i>
<b>Allison Avenue (180-240)</b>	-Street Not Listed  <i>-Information Inaccessible: 226-240</i>
<b>Ambleside Drive (1070-1090)</b>	<i>-Information Inaccessible</i>
<b>Ancaster Avenue (175-225)</b>	-Street Not Listed
<b>Anthony Avenue (1995-2215)</b>	-Street Not Listed

	<i>-Information Inaccessible: 2211-2215</i>
<b>Byron Avenue (1100-1240)</b>	-No Listings Within Radius  <i>-Information Inaccessible: 1181-1240</i>
<b>Compton Avenue (170-200)</b>	-Street Not Listed
<b>Harcourt Avenue (195-250)</b>	-Street Not Listed  <i>-Information Inaccessible: 221-250</i>
<b>Hartleigh Avenue (230-245)</b>	<i>-Information Inaccessible</i>
<b>Joanne Avenue (All)</b>	-Street Not Listed  <i>-Information Inaccessible: Start-2209, 2231-End</i>
<b>Midway Avenue (2265-2305)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue (All)</b>	<i>-Information Inaccessible</i>
<b>New Orchard Avenue North (All)</b>	<i>-Information Inaccessible: 226-240</i>
<b>Pooler Avenue (90-110)</b>	-Street Not Listed  <i>-Information Inaccessible: 101-110</i>

<b>Richardson Avenue (225-400)</b>	<i>-Information Inaccessible</i>
<b>Woodland Avenue (205-265)</b>	<i>-Information Inaccessible</i>
<b>150 Woodroffe Avenue</b>	-Address Not Listed

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as “residential” with the number of tenants. The name of the residential tenant is not listed in the above city directory.

***\*\*Due to unforeseen circumstances resulting from the Covid-19 pandemic of 2020, access to information sources has been prohibited. While all additional measures were taken in order to provide accurate information where possible, some project searches yielded no results.\*\****



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# DATABASE REPORT

**Project Property:** *1047 Richmond Road  
1047 Richmond Road  
Ottawa ON K2B 6R1*

**Project No:** *21494078*

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

**Order No:** *21083000552*

**Requested by:** *Golder Associates Ltd.*

**Date Completed:** *September 13, 2021*

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# Executive Summary

## Property Information:

**Project Property:** 1047 Richmond Road  
1047 Richmond Road Ottawa ON K2B 6R1

**Project No:** 21494078

## Order Information:

**Order No:** 21083000552  
**Date Requested:** August 30, 2021  
**Requested by:** Golder Associates Ltd.  
**Report Type:** Quote - Custom-Build Your Own Report

## Historical/Products:

**Aerial Photographs** Aerials - National Collection  
**City Directory Search** CD - Subject Site plus 250m Radius  
**Insurance Products** Fire Insurance Maps  
**Insurance Products** Fire Insurance Maps/Inspection Reports/Site Plans  
**Insurance Products** Inspection Reports  
**Insurance Products** Site Plans  
**Land Title Search** Current Land Title Search  
**Land Title Search** Historical Land Title Search  
**Topographic Map** ANSI Map & Ontario Base Map (OBM)



## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	11	11
CA	<i>Certificates of Approval</i>	Y	1	4	5
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	4	4
EASR	<i>Environmental Activity and Sector Registry</i>	Y	1	2	3
EBR	<i>Environmental Registry</i>	Y	1	1	2
ECA	<i>Environmental Compliance Approval</i>	Y	0	2	2
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	13	13
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	3	3
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	3	3
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	1	4	5
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.25km</b>	<b>Total</b>
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	1	1
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	1	1
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	1	1
PTTW	<i>Permit to Take Water</i>	Y	0	1	1
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	6	6
SPL	<i>Ontario Spills</i>	Y	0	7	7
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	1	23	24
<b>Total:</b>			5	87	92

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<a href="#">1</a>	CA	METRO PLYMOUTH-CHRYSLER LIMITED	1047 RICHMOND ROAD OTTAWA CITY ON K2B 6R1	SSW/0.0	0.00	<a href="#">28</a>
<a href="#">1</a>	EBR	Metro Plymouth-chrysler Ltd.	1047 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA ON	SSW/0.0	0.00	<a href="#">28</a>
<a href="#">1</a>	EASR	Metro Plymouth Chrysler Ltd.	1047 RICHMOND RD OTTAWA ON K2B 6R1	SSW/0.0	0.00	<a href="#">28</a>
<a href="#">1</a>	GEN	METRO CHRYSLER	1047 Richmond Rd Ottawa ON K2B 6R1	SSW/0.0	0.00	<a href="#">29</a>
<a href="#">2</a>	WWIS		99 NEW ORCHARD AVE. OTTAWA ON  <i>Well ID: 7039988</i>	W/0.0	-2.00	<a href="#">29</a>

## Executive Summary: Site Report Summary - Surrounding Properties

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">3</a>	CA	R.M. OF OTTAWA-CARLETON	NEW ORCHARD AVE/AMBLESIDE DR. OTTAWA ON	SW/7.8	-0.39	<a href="#">32</a>
<a href="#">4</a>	SPL	Kiewit<UNOFFICIAL>	Richmond Road between Woodland and Harcourt Ottawa ON	ESE/9.3	1.48	<a href="#">33</a>
<a href="#">5</a>	WWIS		1071 RICHMOND RD OTTAWA ON <b>Well ID:</b> 7044334	SSW/20.4	0.56	<a href="#">33</a>
<a href="#">6</a>	EHS		99 New Orchard Avenue Ottawa ON K2B 5E6	NW/30.1	-3.70	<a href="#">37</a>
<a href="#">6</a>	GEN	Extenicare Canada Inc.	99 New Orchard Ave Ottawa ON K2B 5E6	NW/30.1	-3.70	<a href="#">37</a>
<a href="#">6</a>	GEN	Extendicare Canada Inc	99 New Orchard Av Ottawa ON K2B 5E6	NW/30.1	-3.70	<a href="#">37</a>
<a href="#">6</a>	EHS		99 New Orchard Ave Ottawa ON K2B5E6	NW/30.1	-3.70	<a href="#">38</a>
<a href="#">6</a>	EASR	EXTENDICARE (CANADA) INC.	99 NEW ORCHARD AVE OTTAWA ON K2B 5E6	NW/30.1	-3.70	<a href="#">38</a>
<a href="#">7</a>	EHS		1071 Richmond Rd. Ottawa ON K2B 6R2	SSW/38.3	0.56	<a href="#">38</a>
<a href="#">8</a>	SCT	Maxxeon Inc.	1025 Richmond Rd Suite 1108 Ottawa ON K2B 8G8	NNE/40.2	-2.23	<a href="#">38</a>
<a href="#">9</a>	EHS		108 New Orchard Ave Ottawa ON K2B 5E7	W/44.2	-4.09	<a href="#">39</a>
<a href="#">10</a>	PTTW	Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and	Dodin Quebec Inc. Richmond Road Ottawa, ON K2B 6R2 Canada ON	SSW/49.0	2.66	<a href="#">39</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">11</a>	SPL	PRIVATE RESIDENCE	MR. HERGET APT. BLDG 613-729-9437 1162 BYRON AVE. FURNACE OIL TANK OTTAWA CITY ON K2B 6T4	E/59.9	4.46	<a href="#">39</a>
<a href="#">12</a>	EHS		100 New Orchard Ave Ottawa ON K2B5E7	WNW/65.6	-4.39	<a href="#">40</a>
<a href="#">13</a>	BORE		ON	SW/67.1	-0.58	<a href="#">40</a>
<a href="#">14</a>	SPL		Ottawa ON	ENE/68.6	3.33	<a href="#">41</a>
<a href="#">15</a>	WWIS		lot 25 con 1 ON <b>Well ID:</b> 1503902	SSE/70.1	4.66	<a href="#">42</a>
<a href="#">16</a>	GEN	Kiewit-Eurovia-Vinci, Ottawa Partnership	Byron/New Orchard Street Ottawa ON K2B 6T6	S/73.4	2.97	<a href="#">44</a>
<a href="#">17</a>	BORE		ON	W/76.7	-3.96	<a href="#">44</a>
<a href="#">18</a>	BORE		ON	SE/79.5	4.44	<a href="#">46</a>
<a href="#">19</a>	WWIS		ON <b>Well ID:</b> 1509027	SE/79.6	4.44	<a href="#">47</a>
<a href="#">20</a>	INC		1208 Byron Avenue, Ottawa ON	S/80.5	3.82	<a href="#">50</a>
<a href="#">21</a>	EHS		1071 Ambleside drive ottawa ON K2B 6V4	WSW/83.5	-3.44	<a href="#">51</a>
<a href="#">21</a>	EHS		1071 Ambleside Dr Ottawa ON K2B6V4	WSW/83.5	-3.44	<a href="#">51</a>
<a href="#">21</a>	EHS		1071 Ambleside Drive Ottawa ON K2B 6V4	WSW/83.5	-3.44	<a href="#">51</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">21</a>	EHS		1071 Ambleside Drive Ottawa ON K2B 6V4	WSW/83.5	-3.44	<a href="#">51</a>
<a href="#">21</a>	EHS		1071 Ambleside Drive Ottawa ON K2B 6V4	WSW/83.5	-3.44	<a href="#">52</a>
<a href="#">21</a>	EHS		1071 Ambleside Drive Ottawa ON K2B 6V4	WSW/83.5	-3.44	<a href="#">52</a>
<a href="#">21</a>	EHS		1071 Ambleside Drive Ottawa ON K2B 6V4	WSW/83.5	-3.44	<a href="#">52</a>
<a href="#">21</a>	EHS		1071 Ambleside Drive Ottawa ON K2B 6V4	WSW/83.5	-3.44	<a href="#">52</a>
<a href="#">22</a>	PINC	PIPELINE HIT - 1/2"	211 WOODLAND AVENUE.,OTTAWA,ON, K2B 5C8,CA ON	SE/91.0	5.30	<a href="#">52</a>
<a href="#">22</a>	SPL	Enbridge Gas Distribution Inc.	211 woodland Dr Ottawa ON	SE/91.0	5.30	<a href="#">53</a>
<a href="#">23</a>	WWIS		ON <b>Well ID:</b> 1507961	S/95.1	3.39	<a href="#">53</a>
<a href="#">24</a>	CA	KAYSUSH DEVELOPMENTS LTD.	LOT 1, 993 RICHMOND RD. (SWM) OTTAWA CITY ON K2B 6R1	NE/101.0	-0.12	<a href="#">56</a>
<a href="#">25</a>	CA	715137 Ontario Ltd.	1075 Richmond Road Ottawa ON K2B 6R2	SW/116.5	0.69	<a href="#">56</a>
<a href="#">26</a>	EBR	715137 Ontario Ltd.	1075 Richmond Road Ottawa Ontario Ottawa ON	SW/117.3	0.69	<a href="#">57</a>
<a href="#">26</a>	EASR	1866688 Ontario Ltd	1075 RICHMOND RD OTTAWA ON K2B 6R2	SW/117.3	0.69	<a href="#">57</a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">26</a>	ECA	715137 Ontario Ltd.	1075 Richmond Road Ottawa ON	SW/117.3	0.69	<a href="#">57</a>
<a href="#">27</a>	PRT	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON K2B6R1	NE/129.1	0.02	<a href="#">58</a>
<a href="#">27</a>	GEN	TOPS CAR WASH LTD	979 RICHMOND RD OTTAWA ON K2B 6R1	NE/129.1	0.02	<a href="#">58</a>
<a href="#">27</a>	DTNK	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON K2B 6R1	NE/129.1	0.02	<a href="#">58</a>
<a href="#">27</a>	DTNK	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	NE/129.1	0.02	<a href="#">59</a>
<a href="#">27</a>	DTNK	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	NE/129.1	0.02	<a href="#">59</a>
<a href="#">27</a>	DTNK	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	NE/129.1	0.02	<a href="#">59</a>
<a href="#">27</a>	EXP	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	NE/129.1	0.02	<a href="#">60</a>
<a href="#">27</a>	EXP	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	NE/129.1	0.02	<a href="#">60</a>
<a href="#">27</a>	EXP	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	NE/129.1	0.02	<a href="#">60</a>
<a href="#">27</a>	FST	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	NE/129.1	0.02	<a href="#">61</a>
<a href="#">27</a>	FST	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	NE/129.1	0.02	<a href="#">61</a>
<a href="#">27</a>	FST	TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	NE/129.1	0.02	<a href="#">62</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">28</a>	SPL		178 Ancaster Avenue Ottawa ON K2B 5B3	ENE/132.1	4.19	<a href="#">62</a>
<a href="#">29</a>	BORE		ON	NW/136.9	-5.39	<a href="#">63</a>
<a href="#">30</a>	SPL	PRIVATE RESIDENCE	192 ANCASTER AVE (N.O.S.) OTTAWA ON K2B 5B3	E/147.6	5.61	<a href="#">64</a>
<a href="#">31</a>	BORE		ON	WSW/149.4	-4.19	<a href="#">65</a>
<a href="#">32</a>	WWIS		lot 25 con 1 ON <b>Well ID:</b> 1503894	WNW/150.2	-6.48	<a href="#">66</a>
<a href="#">33</a>	ECA	Paul and Elena Lungu	Ottawa ON K2W 1E7	E/153.6	5.61	<a href="#">69</a>
<a href="#">34</a>	BORE		ON	W/161.4	-5.09	<a href="#">69</a>
<a href="#">35</a>	WWIS		lot 25 con 1 ON <b>Well ID:</b> 1503896	SE/165.5	5.61	<a href="#">71</a>
<a href="#">36</a>	WWIS		ON <b>Well ID:</b> 1507778	ESE/175.8	5.56	<a href="#">73</a>
<a href="#">37</a>	SCT	Institute of Professional Management Inc.	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	WSW/177.9	-3.48	<a href="#">76</a>
<a href="#">37</a>	SCT	Association of Professional Recruiters of Canada	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	WSW/177.9	-3.48	<a href="#">76</a>
<a href="#">37</a>	SCT	Association of Professional Recruiters of Canada	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	WSW/177.9	-3.48	<a href="#">76</a>
<a href="#">37</a>	SCT	Assocn-Pro Recruiters of Cnd	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	WSW/177.9	-3.48	<a href="#">76</a>



<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">37</a>	SCT	Institute of Professional Mgmt	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	WSW/177.9	-3.48	<a href="#">76</a>
<a href="#">38</a>	BORE		ON	SSW/182.5	0.91	<a href="#">77</a>
<a href="#">39</a>	WWIS		ON <i>Well ID:</i> 1508854	NNE/182.7	-3.56	<a href="#">78</a>
<a href="#">40</a>	WWIS		ON <i>Well ID:</i> 1508046	ENE/183.0	4.91	<a href="#">81</a>
<a href="#">41</a>	BORE		ON	ENE/183.0	4.91	<a href="#">83</a>
<a href="#">42</a>	BORE		ON	S/185.1	3.91	<a href="#">84</a>
<a href="#">43</a>	WWIS		ON <i>Well ID:</i> 1508934	WNW/187.0	-6.70	<a href="#">86</a>
<a href="#">44</a>	WWIS		lot 25 con 1 ON <i>Well ID:</i> 1503898	E/190.7	5.61	<a href="#">89</a>
<a href="#">45</a>	WWIS		ON <i>Well ID:</i> 1508258	SSW/199.0	3.64	<a href="#">92</a>
<a href="#">46</a>	WWIS		ON <i>Well ID:</i> 1508855	NNE/202.0	-4.35	<a href="#">95</a>
<a href="#">47</a>	BORE		ON	W/203.6	-6.39	<a href="#">97</a>
<a href="#">48</a>	WWIS		ON <i>Well ID:</i> 1508933	WNW/209.3	-9.66	<a href="#">99</a>
<a href="#">49</a>	WWIS		ON	WNW/220.1	-7.05	<a href="#">102</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
			<b>Well ID:</b> 1508935			
<a href="#">50</a>	WWIS		ON	NNW/221.9	-7.48	<a href="#">105</a>
			<b>Well ID:</b> 1508936			
<a href="#">51</a>	WWIS		lot 25 con 1 ON	NW/224.9	-11.39	<a href="#">108</a>
			<b>Well ID:</b> 1503899			
<a href="#">52</a>	CA	OTTAWA CITY	COMPTON AVE/ANTHONY AVE/BYRON OTTAWA CITY ON	ENE/225.2	5.61	<a href="#">111</a>
<a href="#">53</a>	WWIS		ON	SE/226.0	6.61	<a href="#">111</a>
			<b>Well ID:</b> 1507779			
<a href="#">54</a>	WWIS		ON	ENE/236.6	5.61	<a href="#">114</a>
			<b>Well ID:</b> 1508044			
<a href="#">55</a>	WWIS		ON	NW/239.8	-11.39	<a href="#">117</a>
			<b>Well ID:</b> 1508898			
<a href="#">56</a>	WWIS		lot 25 con 1 ON	SE/242.1	6.61	<a href="#">120</a>
			<b>Well ID:</b> 1503895			
<a href="#">57</a>	WWIS		ON	ESE/243.8	6.61	<a href="#">123</a>
			<b>Well ID:</b> 1507780			
<a href="#">58</a>	BORE		ON	E/245.3	6.61	<a href="#">125</a>
<a href="#">59</a>	WWIS		ON	E/245.4	6.61	<a href="#">126</a>
			<b>Well ID:</b> 1507805			
<a href="#">60</a>	SPL	Enbridge Energy Distribution Inc.	220 Compton Ave Ottawa ON	E/248.5	6.61	<a href="#">129</a>

# Executive Summary: Summary By Data Source

## **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2018 has found that there are 11 BORE site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	67.1	<a href="#"><u>13</u></a>
	ON	76.7	<a href="#"><u>17</u></a>
	ON	79.5	<a href="#"><u>18</u></a>
	ON	136.9	<a href="#"><u>29</u></a>
	ON	149.4	<a href="#"><u>31</u></a>
	ON	161.4	<a href="#"><u>34</u></a>
	ON	182.5	<a href="#"><u>38</u></a>
	ON	183.0	<a href="#"><u>41</u></a>
	ON	185.1	<a href="#"><u>42</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	203.6	<a href="#">47</a>
	ON	245.3	<a href="#">58</a>

### **CA - 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>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
METRO PLYMOUTH-CHRYSLER LIMITED	1047 RICHMOND ROAD OTTAWA CITY ON K2B 6R1	0.0	<a href="#">1</a>
R.M. OF OTTAWA-CARLETON	NEW ORCHARD AVE/AMBLESIDE DR. OTTAWA ON	7.8	<a href="#">3</a>
KAYSUSH DEVELOPMENTS LTD.	LOT 1, 993 RICHMOND RD. (SWM) OTTAWA CITY ON K2B 6R1	101.0	<a href="#">24</a>
715137 Ontario Ltd.	1075 Richmond Road Ottawa ON K2B 6R2	116.5	<a href="#">25</a>
OTTAWA CITY	COMPTON AVE/ANTHONY AVE/BYRON OTTAWA CITY ON	225.2	<a href="#">52</a>

### **DTNK - Delisted Fuel Tanks**

A search of the DTNK database, dated May 31, 2021 has found that there are 4 DTNK 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>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON K2B 6R1	129.1	<a href="#">27</a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	129.1	<a href="#">27</a>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	129.1	<a href="#">27</a>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON	129.1	<a href="#">27</a>

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

A search of the EASR database, dated Oct 2011- Jun 30, 2021 has found that there are 3 EASR site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Metro Plymouth Chrysler Ltd.	1047 RICHMOND RD OTTAWA ON K2B 6R1	0.0	<a href="#">1</a>
EXTENDICARE (CANADA) INC.	99 NEW ORCHARD AVE OTTAWA ON K2B 5E6	30.1	<a href="#">6</a>
1866688 Ontario Ltd	1075 RICHMOND RD OTTAWA ON K2B 6R2	117.3	<a href="#">26</a>

### **EBR - Environmental Registry**

A search of the EBR database, dated 1994- Jul 31, 2021 has found that there are 2 EBR site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Metro Plymouth-chrysler Ltd.	1047 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA ON	0.0	<a href="#">1</a>
715137 Ontario Ltd.	1075 Richmond Road Ottawa Ontario Ottawa ON	117.3	<a href="#">26</a>

## **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011- Jun 30, 2021 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
715137 Ontario Ltd.	1075 Richmond Road Ottawa ON	117.3	<a href="#"><u>26</u></a>
Paul and Elena Lungu	Ottawa ON K2W 1E7	153.6	<a href="#"><u>33</u></a>

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 13 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	99 New Orchard Ave Ottawa ON K2B5E6	30.1	<a href="#"><u>6</u></a>
	99 New Orchard Avenue Ottawa ON K2B 5E6	30.1	<a href="#"><u>6</u></a>
	1071 Richmond Rd. Ottawa ON K2B 6R2	38.3	<a href="#"><u>7</u></a>
	108 New Orchard Ave Ottawa ON K2B 5E7	44.2	<a href="#"><u>9</u></a>
	100 New Orchard Ave Ottawa ON K2B5E7	65.6	<a href="#"><u>12</u></a>
	1071 Ambleside Drive Ottawa ON K2B 6V4	83.5	<a href="#"><u>21</u></a>
	1071 Ambleside Drive Ottawa ON K2B 6V4	83.5	<a href="#"><u>21</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1071 Ambleside Drive Ottawa ON K2B 6V4	83.5	<a href="#">21</a>
	1071 Ambleside Drive Ottawa ON K2B 6V4	83.5	<a href="#">21</a>
	1071 Ambleside Drive Ottawa ON K2B 6V4	83.5	<a href="#">21</a>
	1071 Ambleside Dr Ottawa ON K2B6V4	83.5	<a href="#">21</a>
	1071 Ambleside drive ottawa ON K2B 6V4	83.5	<a href="#">21</a>
	1071 Ambleside Drive Ottawa ON K2B 6V4	83.5	<a href="#">21</a>

### **EXP - List of Expired Fuels Safety Facilities**

A search of the EXP database, dated Jul 31, 2020 has found that there are 3 EXP 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>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	129.1	<a href="#">27</a>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	129.1	<a href="#">27</a>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	129.1	<a href="#">27</a>

## **FST - Fuel Storage Tank**

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

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	129.1	<a href="#"><u>27</u></a>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	129.1	<a href="#"><u>27</u></a>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	129.1	<a href="#"><u>27</u></a>

## **GEN - 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.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
METRO CHRYSLER	1047 Richmond Rd Ottawa ON K2B 6R1	0.0	<a href="#"><u>1</u></a>
Extenicare Canada Inc.	99 New Orchard Ave Ottawa ON K2B 5E6	30.1	<a href="#"><u>6</u></a>
Extendicare Canada Inc	99 New Orchard Av Ottawa ON K2B 5E6	30.1	<a href="#"><u>6</u></a>
Kiewit-Eurovia-Vinci, Ottawa Partnership	Byron/New Orchard Street Ottawa ON K2B 6T6	73.4	<a href="#"><u>16</u></a>
TOPS CAR WASH LTD	979 RICHMOND RD OTTAWA ON K2B 6R1	129.1	<a href="#"><u>27</u></a>

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



A search of the INC database, dated May 31, 2021 has found that there are 1 INC 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>
	1208 Byron Avenue, Ottawa ON	80.5	<a href="#">20</a>

### **PINC - Pipeline Incidents**

A search of the PINC database, dated May 31, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PIPELINE HIT - 1/2"	211 WOODLAND AVENUE.,OTTAWA,ON, K2B 5C8,CA ON	91.0	<a href="#">22</a>

### **PRT - Private and Retail Fuel Storage Tanks**

A search of the PRT database, dated 1989-1996\* has found that there are 1 PRT 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>
TOPS CAR WASH CO LTD	979 RICHMOND RD OTTAWA ON K2B6R1	129.1	<a href="#">27</a>

### **PTTW - Permit to Take Water**

A search of the PTTW database, dated 1994- Jul 31, 2021 has found that there are 1 PTTW 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>
Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and	Dodin Quebec Inc. Richmond Road Ottawa, ON K2B 6R2 Canada ON	49.0	<a href="#">10</a>

### **SCT - Scott's Manufacturing Directory**

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 6 SCT site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Maxxeon Inc.	1025 Richmond Rd Suite 1108 Ottawa ON K2B 8G8	40.2	<a href="#"><u>8</u></a>
Institute of Professional Mgmt	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	177.9	<a href="#"><u>37</u></a>
Assocn-Pro Recruiters of Cnd	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	177.9	<a href="#"><u>37</u></a>
Association of Professional Recruiters of Canada	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	177.9	<a href="#"><u>37</u></a>
Association of Professional Recruiters of Canada	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	177.9	<a href="#"><u>37</u></a>
Institute of Professional Management Inc.	1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	177.9	<a href="#"><u>37</u></a>

## **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Aug 2020 has found that there are 7 SPL site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Kiewit<UNOFFICIAL>	Richmond Road between Woodland and Harcourt Ottawa ON	9.3	<a href="#"><u>4</u></a>
PRIVATE RESIDENCE	MR. HERGET APT. BLDG 613-729-9437 1162 BYRON AVE. FURNACE OIL TANK OTTAWA CITY ON K2B 6T4	59.9	<a href="#"><u>11</u></a>
	Ottawa ON	68.6	<a href="#"><u>14</u></a>
Enbridge Gas Distribution Inc.	211 woodland Dr Ottawa ON	91.0	<a href="#"><u>22</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	178 Ancaster Avenue Ottawa ON K2B 5B3	132.1	<a href="#"><u>28</u></a>
PRIVATE RESIDENCE	192 ANCASTER AVE (N.O.S.) OTTAWA ON K2B 5B3	147.6	<a href="#"><u>30</u></a>
Enbridge Energy Distribution Inc.	220 Compton Ave Ottawa ON	248.5	<a href="#"><u>60</u></a>

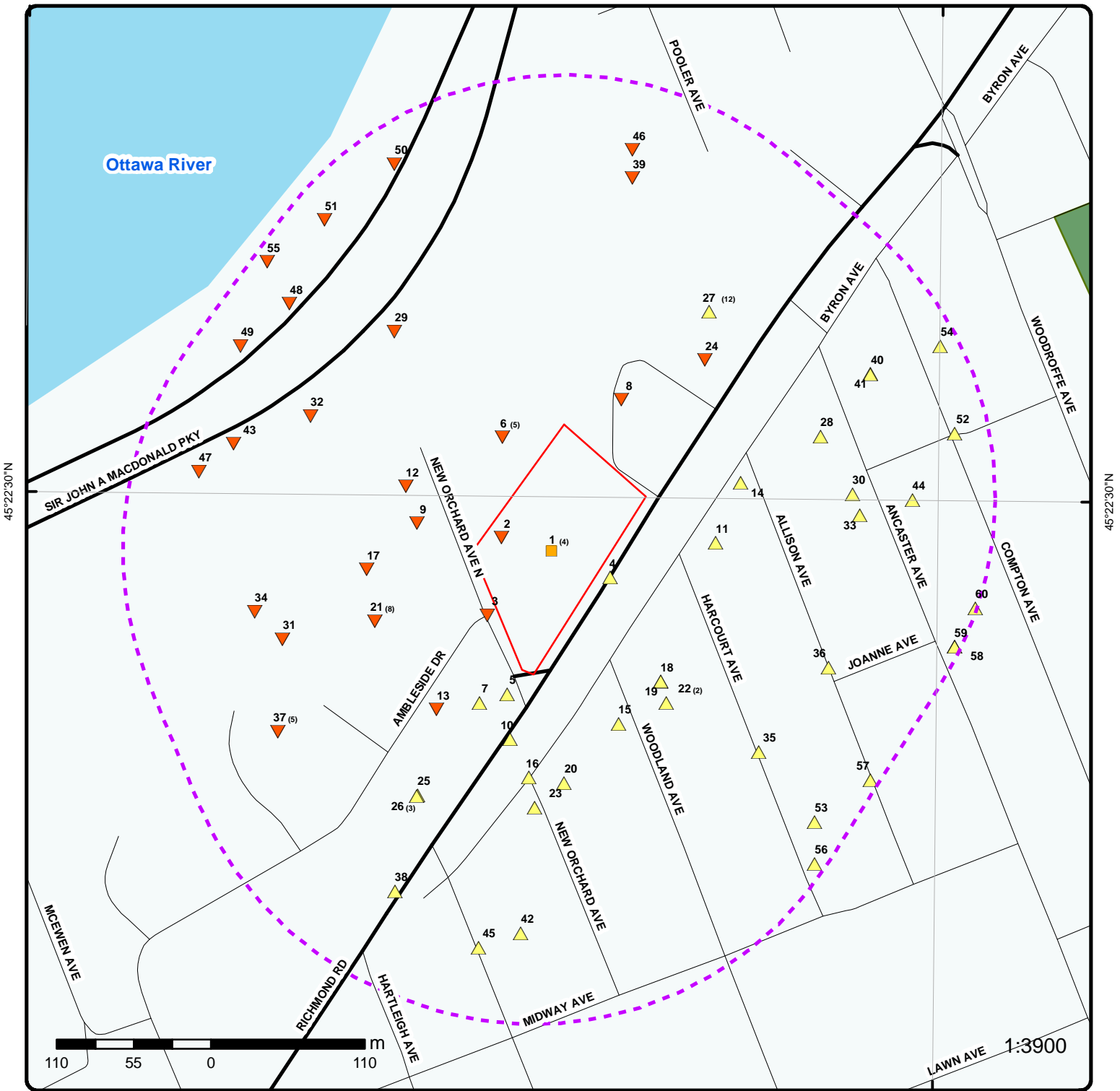
### **WWIS - Water Well Information System**

A search of the WWIS database, dated Apr 30, 2021 has found that there are 24 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>
	99 NEW ORCHARD AVE. OTTAWA ON  <i>Well ID: 7039988</i>	0.0	<a href="#"><u>2</u></a>
	1071 RICHMOND RD OTTAWA ON  <i>Well ID: 7044334</i>	20.4	<a href="#"><u>5</u></a>
	lot 25 con 1 ON  <i>Well ID: 1503902</i>	70.1	<a href="#"><u>15</u></a>
	ON  <i>Well ID: 1509027</i>	79.6	<a href="#"><u>19</u></a>
	ON  <i>Well ID: 1507961</i>	95.1	<a href="#"><u>23</u></a>
	lot 25 con 1 ON  <i>Well ID: 1503894</i>	150.2	<a href="#"><u>32</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 25 con 1 ON  <i>Well ID:</i> 1503896	165.5	<a href="#"><u>35</u></a>
	ON  <i>Well ID:</i> 1507778	175.8	<a href="#"><u>36</u></a>
	ON  <i>Well ID:</i> 1508854	182.7	<a href="#"><u>39</u></a>
	ON  <i>Well ID:</i> 1508046	183.0	<a href="#"><u>40</u></a>
	ON  <i>Well ID:</i> 1508934	187.0	<a href="#"><u>43</u></a>
	lot 25 con 1 ON  <i>Well ID:</i> 1503898	190.7	<a href="#"><u>44</u></a>
	ON  <i>Well ID:</i> 1508258	199.0	<a href="#"><u>45</u></a>
	ON  <i>Well ID:</i> 1508855	202.0	<a href="#"><u>46</u></a>
	ON  <i>Well ID:</i> 1508933	209.3	<a href="#"><u>48</u></a>
	ON  <i>Well ID:</i> 1508935	220.1	<a href="#"><u>49</u></a>
	ON  <i>Well ID:</i> 1508936	221.9	<a href="#"><u>50</u></a>
	lot 25 con 1 ON	224.9	<a href="#"><u>51</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 1503899		
	ON	226.0	<a href="#">53</a>
	<i>Well ID:</i> 1507779		
	ON	236.6	<a href="#">54</a>
	<i>Well ID:</i> 1508044		
	ON	239.8	<a href="#">55</a>
	<i>Well ID:</i> 1508898		
	lot 25 con 1 ON	242.1	<a href="#">56</a>
	<i>Well ID:</i> 1503895		
	ON	243.8	<a href="#">57</a>
	<i>Well ID:</i> 1507780		
	ON	245.4	<a href="#">59</a>
	<i>Well ID:</i> 1507805		



### Map: 0.25 Kilometer Radius

Order Number: 21083000552

Address: 1047 Richmond Road, Ottawa, ON



Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range
Eris Sites with Lower Elevation	Local road	Abandoned Line	Park or Sports Field
Eris Sites with Unknown Elevation	Trail	Proposed Road	Other Recreation Area
	Proposed Road		
	Ferry Route/Ice Road		



**Aerial** Year: 2020

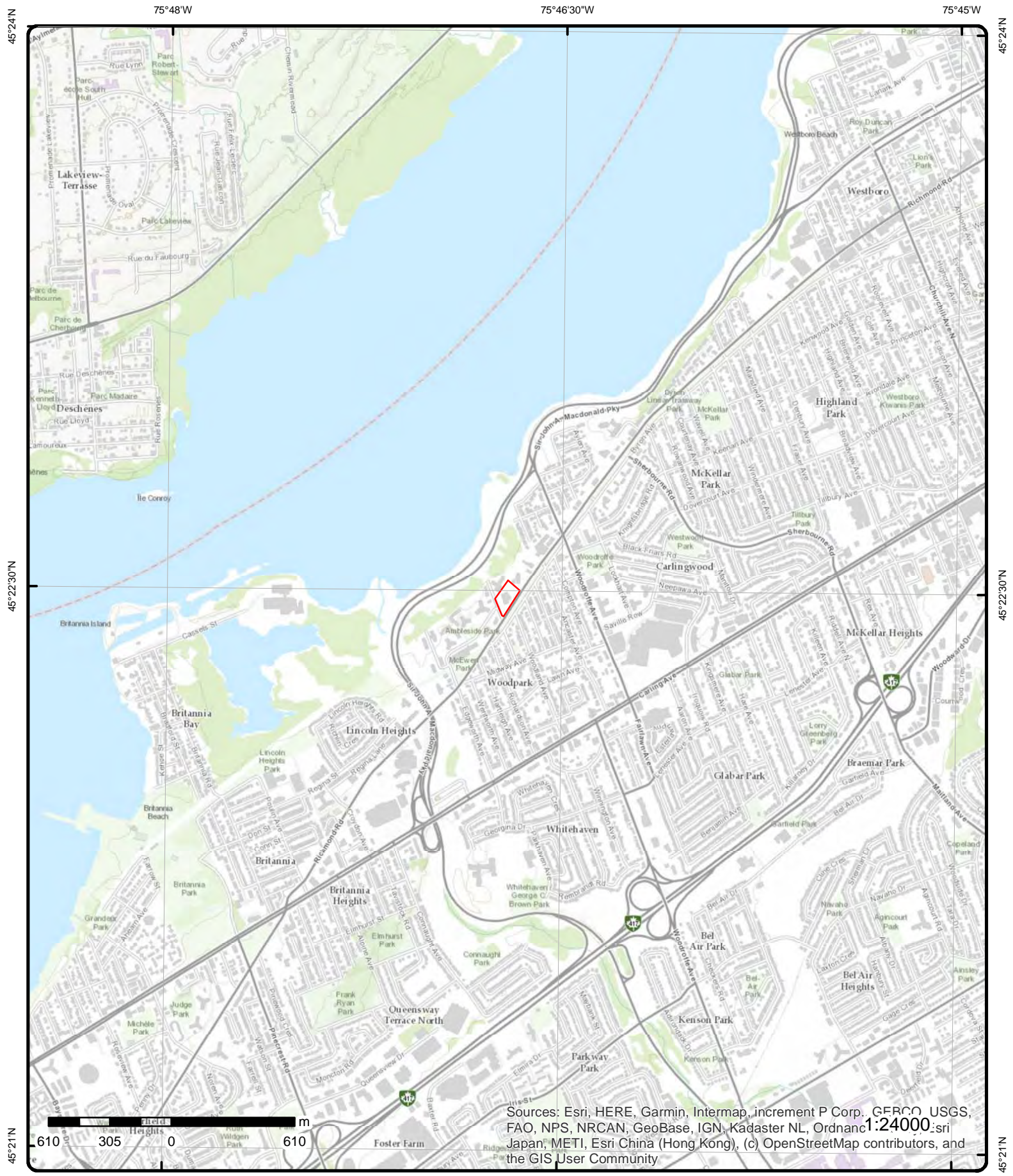
Order Number: 21083000552

**Address: 1047 Richmond Road, Ottawa, ON**



Source: ESRI World Imagery

© ERIS Information Limited Partnership



# Topographic Map

Address: 1047 Richmond Road, ON

Source: ESRI World Topographic Map

Order Number: 21083000552



© ERIS Information Limited Partnership



# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">1</a>	1 of 4	SSW/0.0	64.3 / 0.00	<b>METRO PLYMOUTH-CHRYSLER LIMITED</b> 1047 RICHMOND ROAD OTTAWA CITY ON K2B 6R1	CA

**Certificate #:** 8-4122-97-  
**Application Year:** 97  
**Issue Date:** 9/9/1997  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** WASTE OIL FURNACE MODEL CB-5000  
**Contaminants:**  
**Emission Control:**

<a href="#">1</a>	2 of 4	SSW/0.0	64.3 / 0.00	<b>Metro Plymouth-chrysler Ltd.</b> 1047 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA ON	EBR
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<p> <b>EBR Registry No:</b> IA7E1127  <b>Ministry Ref No:</b> 8412297 19970715  <b>Notice Type:</b> Instrument Decision  <b>Notice Stage:</b>  <b>Notice Date:</b> September 09, 1997  <b>Proposal Date:</b> July 31, 1997  <b>Year:</b> 1997  <b>Instrument Type:</b> (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)  <b>Off Instrument Name:</b>  <b>Posted By:</b>  <b>Company Name:</b> Metro Plymouth-chrysler Ltd.  <b>Site Address:</b>  <b>Location Other:</b>  <b>Proponent Name:</b>  <b>Proponent Address:</b> 1047 Richmond Road, Ottawa Ontario, K2B 6R1  <b>Comment Period:</b>  <b>URL:</b> </p>	<p> <b>Decision Posted:</b>  <b>Exception Posted:</b>  <b>Section:</b>  <b>Act 1:</b>  <b>Act 2:</b>  <b>Site Location Map:</b> </p>
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**Site Location Details:**

1047 RICHMOND ROAD, OTTAWA CITY CITY OF OTTAWA

<a href="#">1</a>	3 of 4	SSW/0.0	64.3 / 0.00	<b>Metro Plymouth Chrysler Ltd.</b> 1047 RICHMOND RD OTTAWA ON K2B 6R1	EASR
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<p> <b>Approval No:</b> R-001-6266482893  <b>Status:</b> REGISTERED         </p>	<p> <b>SWP Area Name:</b> Rideau Valley  <b>MOE District:</b> Ottawa         </p>
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Date:</b>	2012-10-30			<b>Municipality:</b> OTTAWA	
<b>Record Type:</b>	EASR			<b>Latitude:</b> 45.374634	
<b>Link Source:</b>	MOFA			<b>Longitude:</b> -75.77845	
<b>Project Type:</b>	Automotive Refinishing Facility			<b>Geometry X:</b>	
<b>Full Address:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>	EASR-Automotive Refinishing Facility				
<b>Full PDF Link:</b>	<a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2499">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2499</a>				

<u>1</u>	4 of 4	SSW/0.0	64.3 / 0.00	<b>METRO CHRYSLER</b> 1047 Richmond Rd Ottawa ON K2B 6R1	GEN
<b>Generator No:</b>	ON3489345			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Apr 2021			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b>	251 L				
<b>Waste Class Desc:</b>	Waste oils/sludges (petroleum based)				

<u>2</u>	1 of 1	W/0.0	62.3 / -2.00	<b>99 NEW ORCHARD AVE.</b> OTTAWA ON	WWIS
<b>Well ID:</b>	7039988			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>				<b>Date Received:</b>	1/25/2007
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Test Hole			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	6964
<b>Casing Material:</b>				<b>Form Version:</b>	3
<b>Audit No:</b>	Z34829			<b>Owner:</b>	
<b>Tag:</b>	A032132			<b>Street Name:</b>	99 NEW ORCHARD AVE.
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>	<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/703\7039988.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/703\7039988.pdf</a>				

**Additional Detail(s) (Map)**

**Well Completed Date:** 2006/12/07  
**Year Completed:** 2006  
**Depth (m):** 4.15  
**Latitude:** 45.3747333902008  
**Longitude:** -75.7789672247637  
**Path:** 703\7039988.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	11762304			<b>Elevation:</b>	65.635650
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>	x			<b>East83:</b>	439007.00
<b>Code OB Desc:</b>	Unknown type in the lower layers(s)			<b>North83:</b>	5024875.00
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	3
<b>Date Completed:</b>	07-Dec-2006 00:00:00			<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>				<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	933089093				
<b>Layer:</b>	2				
<b>Color:</b>	6				
<b>General Color:</b>	BROWN				
<b>Mat1:</b>	28				
<b>Most Common Material:</b>	SAND				
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>	0.6000000238418579				
<b>Formation End Depth:</b>	1.2000000476837158				
<b>Formation End Depth UOM:</b>	m				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	933089094				
<b>Layer:</b>	3				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>					
<b>Most Common Material:</b>					
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>	1.2000000476837158				
<b>Formation End Depth:</b>	1.5499999523162842				
<b>Formation End Depth UOM:</b>	m				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	933089092				
<b>Layer:</b>	1				
<b>Color:</b>	6				
<b>General Color:</b>	BROWN				
<b>Mat1:</b>	28				
<b>Most Common Material:</b>	SAND				
<b>Mat2:</b>	84				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat2 Desc:</b>		SILTY			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		0.6000000238418579			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		933089095			
<b>Layer:</b>		4			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>					
<b>Most Common Material:</b>					
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		1.5499999523162842			
<b>Formation End Depth:</b>		4.150000095367432			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		933312589			
<b>Layer:</b>		2			
<b>Plug From:</b>		1.29999995231628			
<b>Plug To:</b>		1.60000002384186			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		933312588			
<b>Layer:</b>		1			
<b>Plug From:</b>		0.300000011920929			
<b>Plug To:</b>		0.600000023841858			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		967039988			
<b>Method Construction Code:</b>		7			
<b>Method Construction:</b>		Diamond			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11769994			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930894859			
<b>Layer:</b>		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0.100000001490116			
<b>Depth To:</b>		1.700000004768372			
<b>Casing Diameter:</b>		3.5			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		933422744			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		1.700000004768372			
<b>Screen End Depth:</b>		4.15000009536743			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		4.09999990463257			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		11848469			
<b>Diameter:</b>		7.5			
<b>Depth From:</b>		0.0			
<b>Depth To:</b>		1.2999999523162842			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		11848468			
<b>Diameter:</b>		6.0			
<b>Depth From:</b>		1.2999999523162842			
<b>Depth To:</b>		1.600000023841858			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		11848467			
<b>Diameter:</b>		4.699999809265137			
<b>Depth From:</b>		1.600000023841858			
<b>Depth To:</b>		4.150000095367432			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			

3

1 of 1

SW/7.8

63.9 / -0.39

R.M. OF OTTAWA-CARLETON  
NEW ORCHARD AVE/AMBLESIDE DR.  
OTTAWA ON

CA

**Certificate #:** 7-1035-98-  
**Application Year:** 98  
**Issue Date:** 10/21/1998  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<u>4</u>	1 of 1	ESE/9.3	65.7 / 1.48	Kiewit<UNOFFICIAL> Richmond Road between Woodland and Harcourt Ottawa ON	SPL
<b>Ref No:</b>	3184-BE4KCT			<b>Discharger Report:</b>	
<b>Site No:</b>	NA			<b>Material Group:</b>	
<b>Incident Dt:</b>	7/15/2019			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>				<b>Sector Type:</b>	Unknown / N/A
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	15			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	HYDRAULIC OIL			<b>Site Address:</b>	Richmond Road between Woodland and Harcourt Ottawa
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Ottawa
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>	n/a			<b>Site Region:</b>	Eastern
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Ottawa
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Land			<b>Northing:</b>	5024846.56
<b>MOE Response:</b>	No			<b>Easting:</b>	439084.6
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	7/15/2019			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Primary Assessment of Spills
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	Drilling Operation
<b>Site Name:</b>	Project area<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Kiewit: half litre hyd oil to grass, cleaned.				
<b>Contaminant Qty:</b>	0.5 L				

<u>5</u>	1 of 1	SSW/20.4	64.8 / 0.56	1071 RICHMOND RD OTTAWA ON	WWIS
<b>Well ID:</b>	7044334			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Not Used			<b>Date Received:</b>	6/4/2007
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Test Hole			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	6838
<b>Casing Material:</b>				<b>Form Version:</b>	3
<b>Audit No:</b>	Z70111			<b>Owner:</b>	
<b>Tag:</b>	A019077			<b>Street Name:</b>	1071 RICHMOND RD
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>	<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7044334.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7044334.pdf</a>				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Additional Detail(s) (Map)

Well Completed Date: 2007/05/22  
 Year Completed: 2007  
 Depth (m): 3.6  
 Latitude: 45.3737256823913  
 Longitude: -75.7789023047482  
 Path: 704\7044334.pdf

Bore Hole Information

Bore Hole ID:	11766825	Elevation:	66.346313
DP2BR:	7.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	439011.00
Code OB Desc:	Bedrock	North83:	5024763.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	22-May-2007 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 933102596  
 Layer: 2  
 Color: 2  
 General Color: GREY  
 Mat1: 01  
 Most Common Material: FILL  
 Mat2: 84  
 Mat2 Desc: SILTY  
 Mat3: 28  
 Mat3 Desc: SAND  
 Formation Top Depth: 0.10000000149011612  
 Formation End Depth: 0.30000001192092896  
 Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 933102599  
 Layer: 5  
 Color: 7  
 General Color: RED  
 Mat1: 34  
 Most Common Material: TILL  
 Mat2: 84  
 Mat2 Desc: SILTY  
 Mat3: 28  
 Mat3 Desc: SAND  
 Formation Top Depth: 1.7999999523162842  
 Formation End Depth: 2.200000047683716  
 Formation End Depth UOM: m

Overburden and Bedrock

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		933102597			
<b>Layer:</b>		3			
<b>Color:</b>		5			
<b>General Color:</b>		YELLOW			
<b>Mat1:</b>		01			
<b>Most Common Material:</b>		FILL			
<b>Mat2:</b>		84			
<b>Mat2 Desc:</b>		SILTY			
<b>Mat3:</b>		28			
<b>Mat3 Desc:</b>		SAND			
<b>Formation Top Depth:</b>		0.30000001192092896			
<b>Formation End Depth:</b>		0.8999999761581421			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		933102595			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		12			
<b>Most Common Material:</b>		STONES			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		0.10000000149011612			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		933102598			
<b>Layer:</b>		4			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		84			
<b>Mat2 Desc:</b>		SILTY			
<b>Mat3:</b>		11			
<b>Mat3 Desc:</b>		GRAVEL			
<b>Formation Top Depth:</b>		0.8999999761581421			
<b>Formation End Depth:</b>		1.7999999523162842			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		933102600			
<b>Layer:</b>		6			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		26			
<b>Most Common Material:</b>		ROCK			
<b>Mat2:</b>		17			
<b>Mat2 Desc:</b>		SHALE			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation Top Depth:</b>		2.200000047683716			
<b>Formation End Depth:</b>		3.5999999046325684			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		933320020			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		0.300000011920929			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		967044334			
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11774515			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930900097			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		0.600000023841858			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		933424702			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		0.600000023841858			
<b>Screen End Depth:</b>		3.59999990463257			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		5			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		997044334			
<b>Pump Set At:</b>					
<b>Static Level:</b>					
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>					
<b>Flowing Rate:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Recommended Pump Rate:</b>					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		3			
Water State After Test:		OTHER			
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
<b>Hole Diameter</b>					
Hole ID:		11853348			
Diameter:		20.0			
Depth From:		0.0			
Depth To:		3.5999999046325684			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>6</u>	1 of 5	NW/30.1	60.6 / -3.70	99 New Orchard Avenue Ottawa ON K2B 5E6	EHS
Order No:	20060329081			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Complete Report			Client Prov/State:	MD
Report Date:	4/4/2006			Search Radius (km):	0.25
Date Received:	3/29/2006			X:	-75.779095
Previous Site Name:				Y:	45.375261
Lot/Building Size:					
Additional Info Ordered:					
<u>6</u>	2 of 5	NW/30.1	60.6 / -3.70	Extenicare Canada Inc. 99 New Orchard Ave Ottawa ON K2B 5E6	GEN
Generator No:	ON9366274			PO Box No:	
Status:				Country:	
Approval Years:	06			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	623999				
SIC Description:	All Other Residential Care Facilities				
<b>Detail(s)</b>					
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
<u>6</u>	3 of 5	NW/30.1	60.6 / -3.70	Extenicare Canada Inc 99 New Orchard Av Ottawa ON K2B 5E6	GEN
Generator No:	ON3960850			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	623310				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SIC Description:</b>		Community Care Facilities for the Elderly			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	251				
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES				
<u>6</u>	4 of 5	NW/30.1	60.6 / -3.70	99 New Orchard Ave Ottawa ON K2B5E6	EHS
<b>Order No:</b>	20140505015			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	08-MAY-14			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	05-MAY-14			<b>X:</b>	-75.778967
<b>Previous Site Name:</b>				<b>Y:</b>	45.375378
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<u>6</u>	5 of 5	NW/30.1	60.6 / -3.70	EXTENDICARE (CANADA) INC. 99 NEW ORCHARD AVE OTTAWA ON K2B 5E6	EASR
<b>Approval No:</b>	R-002-1469597070			<b>SWP Area Name:</b>	Rideau Valley
<b>Status:</b>	REGISTERED			<b>MOE District:</b>	Ottawa
<b>Date:</b>	2014-12-10			<b>Municipality:</b>	OTTAWA
<b>Record Type:</b>	EASR			<b>Latitude:</b>	45.37472222
<b>Link Source:</b>	MOFA			<b>Longitude:</b>	-75.77944444
<b>Project Type:</b>	Standby Power System			<b>Geometry X:</b>	
<b>Full Address:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>	EASR-Standby Power System				
<b>Full PDF Link:</b>	<a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=10965">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=10965</a>				
<u>7</u>	1 of 1	SSW/38.3	64.8 / 0.56	1071 Richmond Rd. Ottawa ON K2B 6R2	EHS
<b>Order No:</b>	20070509005			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	CAN - Complete Report			<b>Client Prov/State:</b>	
<b>Report Date:</b>	5/17/2007			<b>Search Radius (km):</b>	0.25
<b>Date Received:</b>	5/9/2007			<b>X:</b>	-75.779154
<b>Previous Site Name:</b>				<b>Y:</b>	45.373669
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<u>8</u>	1 of 1	NNE/40.2	62.0 / -2.23	Maxxeon Inc. 1025 Richmond Rd Suite 1108 Ottawa ON K2B 8G8	SCT
<b>Established:</b>					
<b>Plant Size (ft²):</b>					
<b>Employment:</b>					
<b><u>--Details--</u></b>					
<b>Description:</b>	Lighting Fixture Manufacturing				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC/NAICS Code:		335120			
<a href="#">9</a>	1 of 1	W/44.2	60.2 / -4.09	108 New Orchard Ave Ottawa ON K2B 5E7	EHS
<b>Order No:</b>	20130124021			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	04-FEB-13			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	24-JAN-13			<b>X:</b>	-75.779738
<b>Previous Site Name:</b>				<b>Y:</b>	45.374821
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">10</a>	1 of 1	SSW/49.0	66.9 / 2.66	Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and Dodin Quebec Inc. Richmond Road Ottawa, ON K2B 6R2 Canada ON	PTTW
<b>EBR Registry No:</b>	019-1824			<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>	7544-BPSMC3			<b>Exception Posted:</b>	
<b>Notice Type:</b>	Instrument			<b>Section:</b>	Section 34
<b>Notice Stage:</b>	Proposal Updated			<b>Act 1:</b>	Ontario Water Resources Act, R.S.O. 1990
<b>Notice Date:</b>				<b>Act 2:</b>	Ontario Water Resources Act
<b>Proposal Date:</b>	May 28, 2020			<b>Site Location Map:</b>	45.373438,-75.778873
<b>Year:</b>	2020				
<b>Instrument Type:</b>	Permit to take water				
<b>Off Instrument Name:</b>	Permit to Take Water (OWRA s. 34)				
<b>Posted By:</b>	Ministry of the Environment, Conservation and Parks				
<b>Company Name:</b>					
<b>Site Address:</b>	Richmond Road Ottawa, ON K2B 6R2 Canada				
<b>Location Other:</b>					
<b>Proponent Name:</b>	Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and Dodin Quebec Inc.				
<b>Proponent Address:</b>	Peter Kiewit Sons ULC, Eurovia Quebec Grands Projets Inc., Janin Atlas Inc., and Dodin Quebec Inc. 2240 Don Reid Drive Ottawa, ON K1H 1E1 Canada				
<b>Comment Period:</b>	May 28, 2020 - June 27, 2020 (30 days) Closed				
<b>URL:</b>	<a href="https://ero.ontario.ca/notice/019-1824">https://ero.ontario.ca/notice/019-1824</a>				
<b>Site Location Details:</b>					
<a href="#">11</a>	1 of 1	E/59.9	68.7 / 4.46	PRIVATE RESIDENCE MR. HERGET APT. BLDG 613-729-9437 1162 BYRON AVE. FURNACE OIL TANK OTTAWA CITY ON K2B 6T4	SPL
<b>Ref No:</b>	579			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	2/23/1988			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	VALVE/FITTING LEAK OR FAILURE			<b>Sector Type:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	NOT ANTICIPATED			<b>Site Municipality:</b>	20101
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>	WATER			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>MOE Response:</b>				<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2/23/1988			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	MATERIAL FAILURE			<b>Source Type:</b>	
<b>Site Name:</b>					
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	RESIDENCE - 200 L.FURN. OIL TO FLOOR DRAIN.				
<b>Contaminant Qty:</b>					

<a href="#">12</a>	1 of 1	WNW/65.6	59.9 / -4.39	100 New Orchard Ave Ottawa ON K2B5E7	EHS
<b>Order No:</b>	20160526100			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	Ottawa
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	02-JUN-16			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	26-MAY-16			<b>X:</b>	-75.779845
<b>Previous Site Name:</b>				<b>Y:</b>	45.375057
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	City Directory				

<a href="#">13</a>	1 of 1	SW/67.1	63.7 / -0.58	ON	BORE
<b>Borehole ID:</b>	611018			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215512527			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>				<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.373624
<b>Total Depth m:</b>	-999			<b>Longitude DD:</b>	-75.779544
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	438961
<b>Drill Method:</b>				<b>Northing:</b>	5024752
<b>Orig Ground Elev m:</b>	65.5			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	65.3				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218387244	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0	<b>Material Moisture:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	6.4 Clay	CLAY.		<b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218387245 6.4 Grey Bedrock Limestone	BEDROCK,LIMESTONE. GREY. ED,TILL, SILT. DENSE. SILT,SAND,GRAVEL. DENSE. SILT,SAND,CLAY. DE		<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	Dense

\*\*Note: Many records provided by the department have a truncated [Stratum Description] field.

### Source

<b>Source Type:</b> <b>Source Orig:</b> <b>Source Date:</b> <b>Confidence:</b> <b>Observatio:</b> <b>Source Name:</b> <b>Source Details:</b> <b>Confiden 1:</b>	Data Survey Geological Survey of Canada 1956-1972 H	<b>Source Appl:</b> <b>Source Iden:</b> <b>Scale or Res:</b> <b>Horizontal:</b> <b>Verticalda:</b>	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
	Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 035260 NTS_Sheet: 31G05C Logged by professional. Exact and complete description of material and properties.		

### Source List

<b>Source Identifier:</b> <b>Source Type:</b> <b>Source Date:</b> <b>Scale or Resolution:</b> <b>Source Name:</b> <b>Source Originators:</b>	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada	<b>Horizontal Datum:</b> <b>Vertical Datum:</b> <b>Projection Name:</b>	NAD27 Mean Average Sea Level Universal Transverse Mercator
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<a href="#">14</a>	1 of 1	ENE/68.6	67.6 / 3.33	Ottawa ON	SPL
<b>Ref No:</b> <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> <b>Dt Document Closed:</b>	4758-AY334G NA 2018/04/21 Leak/Break 44 SEWAGE,RAW UNCHLORINATED n/a Land No 2018/04/21			<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b>	2 - Minor Environment Municipal Sewage Ottawa Eastern Ottawa 5024914.6 439177.87 Map Land Spills

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	Sewer (Private or Municipal)
<b>Site Name:</b>	1148 Byron Ave<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>	10 -100 metres eg. Topographic Map				
<b>Incident Summary:</b>	Sanitary lateral damaged, 2L sewage to grass, cleaned				
<b>Contaminant Qty:</b>	2 L				

<a href="#">15</a>	1 of 1	SSE/70.1	68.9 / 4.66	lot 25 con 1 ON	WWIS
<b>Well ID:</b>	1503902			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	11/12/1949
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3566
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY (NEPEAN)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	025
<b>Well Depth:</b>				<b>Concession:</b>	01
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	OF
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1503902.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503902.pdf)

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

**Well Completed Date:** 1949/10/08  
**Year Completed:** 1949  
**Depth (m):** 28.956  
**Latitude:** 45.3735435993952  
**Longitude:** -75.7778832206676  
**Path:** 150\1503902.pdf

#### Bore Hole Information

<b>Bore Hole ID:</b>	10025945	<b>Elevation:</b>	68.259208
<b>DP2BR:</b>	9.00	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	r	<b>East83:</b>	439090.60
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	5024742.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	08-Oct-1949 00:00:00	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		930997847			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		9.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		930997848			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		9.0			
<b>Formation End Depth:</b>		95.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961503902			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10574515			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930044639			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		10			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Casing ID:** 930044640  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 95  
**Casing Diameter:** 4  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991503902  
**Pump Set At:**  
**Static Level:** 30.0  
**Final Level After Pumping:** 40.0  
**Recommended Pump Depth:**  
**Pumping Rate:** 7.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 7.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 0  
**Pumping Duration MIN:** 30  
**Flowing:** No

**Water Details**

**Water ID:** 933456928  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 92.0  
**Water Found Depth UOM:** ft

<a href="#">16</a>	1 of 1	S/73.4	67.2 / 2.97	Kiewit-Eurovia-Vinci, Ottawa Partnership Byron/New Orchard Street Ottawa ON K2B 6T6	GEN
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<b>Generator No:</b> ON7962034 <b>Status:</b> Registered <b>Approval Years:</b> As of Jul 2020 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>
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**Detail(s)**

**Waste Class:** 146 L  
**Waste Class Desc:** Other specified inorganic sludges, slurries or solids

<a href="#">17</a>	1 of 1	W/76.7	60.3 / -3.96	ON	BORE
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<b>Borehole ID:</b> 611024 <b>OGF ID:</b> 215512533 <b>Status:</b> <b>Type:</b> Borehole	<b>Inclin FLG:</b> No <b>SP Status:</b> Initial Entry <b>Surv Elev:</b> No <b>Piezometer:</b> No
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>	SEP-1972			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.37452
<b>Total Depth m:</b>	6.4			<b>Longitude DD:</b>	-75.780195
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	438911
<b>Drill Method:</b>				<b>Northing:</b>	5024852
<b>Orig Ground Elev m:</b>	60			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	62				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218387265			<b>Mat Consistency:</b>	Compact
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.9			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>				<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	ARTIFICIAL,SAND,SILT,GRAVEL. BROWN,GREY,COMPACT.				
<b>Geology Stratum ID:</b>	218387266			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	1.9			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.3			<b>Material Texture:</b>	Coarse
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gravel			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND,SAND-FINE, GRAVEL-MEDIUM TO COARSE. BROWN,LOOSE.				
<b>Geology Stratum ID:</b>	218387267			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	4.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	6.4			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Till			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT,SAND,TILL. GREY,DENSE TO VERY DENSE. 000000230006300900140070ND. BEDROCK,LIMESTONE, DOLO **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b><u>Source</u></b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: OTTAWA1.txt RecordID: 035320 NTS_Sheet: 31G05C				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				

<a href="#">18</a>	1 of 1	SE/79.5	68.7 / 4.44	ON	BORE
<b>Borehole ID:</b>	611019			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215512528			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>	MAY-1953			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.373818
<b>Total Depth m:</b>	29			<b>Longitude DD:</b>	-75.777503
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	439121
<b>Drill Method:</b>				<b>Northing:</b>	5024772
<b>Orig Ground Elev m:</b>	73.2			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	69.2				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

<b>Borehole Geology Stratum</b>					
<b>Geology Stratum ID:</b>	218387247			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	18.3			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Limestone			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	LIMESTONE.				
<b>Geology Stratum ID:</b>	218387249			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	21.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	29			<b>Material Texture:</b>	
<b>Material Color:</b>	White			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Limestone			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	LIMESTONE. WHITE. 00075AVEL. DENSE. SILT,SAND,CLAY. DENSE. 00000 015 00025 010 0006 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218387246			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	3			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Additional Detail(s) (Map)**

**Well Completed Date:** 1953/05/24  
**Year Completed:** 1953  
**Depth (m):** 28.956  
**Latitude:** 45.3738162317949  
**Longitude:** -75.7775025447026  
**Path:** 150\1509027.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	10031061	<b>Elevation:</b>	69.246109
<b>DP2BR:</b>	10.00	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	r	<b>East83:</b>	439120.70
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	5024772.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	24-May-1953 00:00:00	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931011255  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 10.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931011257  
**Layer:** 3  
**Color:**  
**General Color:**  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 17  
**Mat2 Desc:** SHALE  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 60.0  
**Formation End Depth:** 70.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931011256			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		10.0			
<b>Formation End Depth:</b>		60.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931011258			
<b>Layer:</b>		4			
<b>Color:</b>		1			
<b>General Color:</b>		WHITE			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		70.0			
<b>Formation End Depth:</b>		95.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961509027			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10579631			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930054763			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		20			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing ID:</b>		930054764			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		95			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991509027			
<b>Pump Set At:</b>					
<b>Static Level:</b>		20.0			
<b>Final Level After Pumping:</b>		20.0			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		2			
<b>Water State After Test:</b>		CLOUDY			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933463794			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		75.0			
<b>Water Found Depth UOM:</b>		ft			
<a href="#">20</a>	1 of 1	S/80.5	68.1 / 3.82	1208 Byron Avenue, Ottawa ON	INC
<b>Incident No:</b>		522924		<b>Any Health Impact:</b>	No
<b>Incident ID:</b>		2679322		<b>Any Enviro Impact:</b>	Yes
<b>Instance No:</b>				<b>Service Interrupted:</b>	No
<b>Status Code:</b>		Causal Analysis Complete		<b>Was Prop Damaged:</b>	Yes
<b>Attribute Category:</b>		FS-Perform L1 Incident Insp		<b>Reside App. Type:</b>	
<b>Context:</b>				<b>Commer App. Type:</b>	
<b>Date of Occurrence:</b>		2011/01/24 00:00:00		<b>Indus App. Type:</b>	
<b>Time of Occurrence:</b>		12:00:00		<b>Institut App. Type:</b>	
<b>Incident Created On:</b>				<b>Venting Type:</b>	
<b>Instance Creation Dt:</b>				<b>Vent Conn Mater:</b>	
<b>Instance Install Dt:</b>				<b>Vent Chimney Mater:</b>	
<b>Occur Insp Start Date:</b>		2011/01/25 00:00:00		<b>Pipeline Type:</b>	
<b>Approx Quant Rel:</b>		Unknown		<b>Pipeline Involved:</b>	
<b>Tank Capacity:</b>				<b>Pipe Material:</b>	
<b>Fuels Occur Type:</b>		Leak		<b>Depth Ground Cover:</b>	
<b>Fuel Type Involved:</b>		Fuel Oil		<b>Regulator Location:</b>	
<b>Enforcement Policy:</b>		NULL		<b>Regulator Type:</b>	
<b>Prc Escalation Req:</b>		NULL		<b>Operation Pressure:</b>	
<b>Tank Material Type:</b>				<b>Liquid Prop Make:</b>	
<b>Tank Storage Type:</b>				<b>Liquid Prop Model:</b>	
<b>Tank Location Type:</b>				<b>Liquid Prop Serial No:</b>	
<b>Pump Flow Rate Cap:</b>				<b>Liquid Prop Notes:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Task No:</b> 3209833 <b>Notes:</b> <b>Drainage System:</b> Unknown <b>Sub Surface Contam.:</b> Yes, unknown <b>Aff Prop Use Water:</b> No <b>Contam. Migrated:</b> Unknown <b>Contact Natural Env:</b> Yes <b>Incident Location:</b> 1208 Byron Avenue, Ottawa - Leak <b>Occurence Narrative:</b> Leak from bottom of oil tank. <b>Operation Type Involved:</b> Private Dwelling <b>Item:</b> <b>Item Description:</b> <b>Device Installed Location:</b>					
<a href="#">21</a>	1 of 8	WSW/83.5	60.8 / -3.44	1071 Ambleside drive ottawa ON K2B 6V4	EHS
<b>Order No:</b> 20080408028 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 4/17/2008 <b>Date Received:</b> 4/8/2008 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Fire Insur. Maps And /or Site Plans <b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> 0.25 <b>X:</b> -75.779894 <b>Y:</b> 45.37395					
<a href="#">21</a>	2 of 8	WSW/83.5	60.8 / -3.44	1071 Ambleside Dr Ottawa ON K2B6V4	EHS
<b>Order No:</b> 20150323014 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 26-MAR-15 <b>Date Received:</b> 23-MAR-15 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> <b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.779859 <b>Y:</b> 45.37368					
<a href="#">21</a>	3 of 8	WSW/83.5	60.8 / -3.44	1071 Ambleside Drive Ottawa ON K2B 6V4	EHS
<b>Order No:</b> 20200327017 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 01-APR-20 <b>Date Received:</b> 27-MAR-20 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> <b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.7801139 <b>Y:</b> 45.374187					
<a href="#">21</a>	4 of 8	WSW/83.5	60.8 / -3.44	1071 Ambleside Drive Ottawa ON K2B 6V4	EHS
<b>Order No:</b> 20200327017 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 01-APR-20 <b>Date Received:</b> 27-MAR-20 <b>Previous Site Name:</b> <b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.7801139 <b>Y:</b> 45.374187					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>					
<a href="#">21</a>	5 of 8	WSW/83.5	60.8 / -3.44	1071 Ambleside Drive Ottawa ON K2B 6V4	EHS
<b>Order No:</b>	20200327017			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	01-APR-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	27-MAR-20			<b>X:</b>	-75.7801139
<b>Previous Site Name:</b>				<b>Y:</b>	45.374187
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<hr/>					
<a href="#">21</a>	6 of 8	WSW/83.5	60.8 / -3.44	1071 Ambleside Drive Ottawa ON K2B 6V4	EHS
<b>Order No:</b>	20200327017			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	01-APR-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	27-MAR-20			<b>X:</b>	-75.7801139
<b>Previous Site Name:</b>				<b>Y:</b>	45.374187
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<hr/>					
<a href="#">21</a>	7 of 8	WSW/83.5	60.8 / -3.44	1071 Ambleside Drive Ottawa ON K2B 6V4	EHS
<b>Order No:</b>	21040500147			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	08-APR-21			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	05-APR-21			<b>X:</b>	-75.7801139
<b>Previous Site Name:</b>				<b>Y:</b>	45.374187
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<hr/>					
<a href="#">21</a>	8 of 8	WSW/83.5	60.8 / -3.44	1071 Ambleside Drive Ottawa ON K2B 6V4	EHS
<b>Order No:</b>	20200327017			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	01-APR-20			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	27-MAR-20			<b>X:</b>	-75.7801139
<b>Previous Site Name:</b>				<b>Y:</b>	45.374187
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<hr/>					
<a href="#">22</a>	1 of 2	SE/91.0	69.6 / 5.30	PIPELINE HIT - 1/2" 211 WOODLAND AVENUE,,OTTAWA,ON,K2B 5C8,CA ON	PINC
<b>Incident ID:</b>				<b>Pipe Material:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Incident No:</b>	1679334			<b>Fuel Category:</b>	Natural Gas
<b>Incident Reported Dt:</b>	7/10/2015			<b>Health Impact:</b>	
<b>Type:</b>	FS-Pipeline Incident			<b>Environment Impact:</b>	
<b>Status Code:</b>				<b>Property Damage:</b>	Yes
<b>Tank Status:</b>	Pipeline Damage Reason Est			<b>Service Interrupt:</b>	No
<b>Task No:</b>	5658438			<b>Enforce Policy:</b>	No
<b>Spills Action Centre:</b>				<b>Public Relation:</b>	
<b>Fuel Type:</b>				<b>Pipeline System:</b>	
<b>Fuel Occurrence Tp:</b>				<b>PSIG:</b>	
<b>Date of Occurrence:</b>				<b>Attribute Category:</b>	FS-Perform P-line Inc Invest
<b>Occurrence Start Dt:</b>	2015/07/16			<b>Regulator Location:</b>	
<b>Depth:</b>				<b>Method Details:</b>	E-mail
<b>Customer Acct Name:</b>	PIPELINE HIT - 1/2"				
<b>Incident Address:</b>	211 WOODLAND AVENUE,,OTTAWA,ON,K2B 5C8,CA				
<b>Operation Type:</b>					
<b>Pipeline Type:</b>					
<b>Regulator Type:</b>					
<b>Summary:</b>	211 WOODLAND AVENUE, OTTAWA - PIPELINE HIT - 1/2"				
<b>Reported By:</b>	Farheen Rizvi - ENBRIDGE				
<b>Affiliation:</b>					
<b>Occurrence Desc:</b>					
<b>Damage Reason:</b>	Excavation practices not sufficient				
<b>Notes:</b>					

<a href="#">22</a>	2 of 2	SE/91.0	69.6 / 5.30	Enbridge Gas Distribution Inc. 211 woodland Dr Ottawa ON	SPL
<b>Ref No:</b>	5883-9YA2JS			<b>Discharger Report:</b>	
<b>Site No:</b>	NA			<b>Material Group:</b>	
<b>Incident Dt:</b>	7/9/2015			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>				<b>Sector Type:</b>	Miscellaneous Communal
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	35			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	NATURAL GAS (METHANE)			<b>Site Address:</b>	211 woodland Dr
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Ottawa
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>MOE Response:</b>	No			<b>Easting:</b>	
<b>Dt MOE Arvl on Scrn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	7/9/2015			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>	8/26/2015			<b>SAC Action Class:</b>	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
<b>Incident Reason:</b>	Operator/Human Error			<b>Source Type:</b>	
<b>Site Name:</b>	residential<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	TSSA: 1/2" line strike on Woodland Dr -made safe-				
<b>Contaminant Qty:</b>	0 other - see incident description				

<a href="#">23</a>	1 of 1	S/95.1	67.7 / 3.39	ON	WWIS
<b>Well ID:</b>	1507961			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	1/31/1951
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	True

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3566
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1507961.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507961.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 1950/12/07  
**Year Completed:** 1950  
**Depth (m):** 19.812  
**Latitude:** 45.372998348235  
**Longitude:** -75.7786420076551  
**Path:** 150\1507961.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	10029996	<b>Elevation:</b>	67.716217
<b>DP2BR:</b>	2.00	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	r	<b>East83:</b>	439030.60
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	5024682.00
<b>Open Hole:</b>		<b>Org CS:</b>	4
<b>Cluster Kind:</b>		<b>UTMRC:</b>	
<b>Date Completed:</b>	07-Dec-1950 00:00:00	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931008478  
**Layer:** 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:** 2.0  
**Formation End Depth UOM:** ft

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931008480			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		4.0			
<b>Formation End Depth:</b>		65.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931008479			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		2.0			
<b>Formation End Depth:</b>		4.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961507961			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10578566			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930052646			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		14			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Construction Record - Casing</u></b>					
Casing ID:		930052647			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		65			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:		991507961			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		18.0			
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			
<b><u>Water Details</u></b>					
Water ID:		933462274			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		42.0			
Water Found Depth UOM:		ft			
<a href="#">24</a>	1 of 1	NE/101.0	64.1 / -0.12	KAYSUSH DEVELOPMENTS LTD. LOT 1, 993 RICHMOND RD. (SWM) OTTAWA CITY ON K2B 6R1	CA
Certificate #:		3-0601-97-			
Application Year:		97			
Issue Date:		7/2/1997			
Approval Type:		Municipal sewage			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
<a href="#">25</a>	1 of 1	SW/116.5	65.0 / 0.69	715137 Ontario Ltd. 1075 Richmond Road Ottawa ON K2B 6R2	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Certificate #:		6610-5JCM83			
Application Year:		2003			
Issue Date:		4/2/2003			
Approval Type:		Air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

<a href="#">26</a>	1 of 3	SW/117.3	65.0 / 0.69	715137 Ontario Ltd. 1075 Richmond Road Ottawa Ontario Ottawa ON	EBR
EBR Registry No:		IA02E1181		Decision Posted:	
Ministry Ref No:		5062-5ECKH6		Exception Posted:	
Notice Type:		Instrument Decision		Section:	
Notice Stage:				Act 1:	
Notice Date:		April 04, 2003		Act 2:	
Proposal Date:		September 30, 2002		Site Location Map:	
Year:		2002			
Instrument Type:		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
Off Instrument Name:					
Posted By:					
Company Name:		715137 Ontario Ltd.			
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:		1075 Richmond Road, Ottawa Ontario, K2B 6R2			
Comment Period:					
URL:					
Site Location Details:					
1075 Richmond Road Ottawa Ontario Ottawa					

<a href="#">26</a>	2 of 3	SW/117.3	65.0 / 0.69	1866688 Ontario Ltd 1075 RICHMOND RD OTTAWA ON K2B 6R2	EASR
Approval No:		R-001-9236910112		SWP Area Name: Rideau Valley	
Status:		REGISTERED		MOE District: Ottawa	
Date:		2012-10-25		Municipality: OTTAWA	
Record Type:		EASR		Latitude: 45.373066	
Link Source:		MOFA		Longitude: -75.77972	
Project Type:		Automotive Refinishing Facility		Geometry X:	
Full Address:					
Approval Type:		EASR-Automotive Refinishing Facility			
Full PDF Link:		<a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2210">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2210</a>			

<a href="#">26</a>	3 of 3	SW/117.3	65.0 / 0.69	715137 Ontario Ltd. 1075 Richmond Road Ottawa ON	ECA
Approval No:		6610-5JCM83		MOE District: Ottawa	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval Date:</b>	2003-04-02			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	-75.77972
<b>Record Type:</b>	ECA			<b>Latitude:</b>	45.373066
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Rideau Valley			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-AIR				
<b>Project Type:</b>	AIR				
<b>Business Name:</b>	715137 Ontario Ltd.				
<b>Address:</b>	1075 Richmond Road				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	https://www.accessenvironment.ene.gov.on.ca/instruments/5062-5ECKH6-14.pdf				

<a href="#">27</a>	1 of 12	NE/129.1	64.3 / 0.02	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA ON K2B6R1	PRT
<b>Location ID:</b>	11061				
<b>Type:</b>	retail				
<b>Expiry Date:</b>	1995-12-31				
<b>Capacity (L):</b>	67500				
<b>Licence #:</b>	0023815001				

<a href="#">27</a>	2 of 12	NE/129.1	64.3 / 0.02	TOPS CAR WASH LTD 979 RICHMOND RD OTTAWA ON K2B 6R1	GEN
<b>Generator No:</b>	ON8940840			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	02,03,04			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					

**Detail(s)**

**Waste Class:** 221  
**Waste Class Desc:** LIGHT FUELS

<a href="#">27</a>	3 of 12	NE/129.1	64.3 / 0.02	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA ON K2B 6R1	DTNK
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**Delisted Expired Fuel Safety Facilities**

**Instance No:** 9565456  
**Status:** EXPIRED  
**Instance ID:**  
**Instance Type:** FS Facility  
**Description:**  
**TSSA Program Area:**  
**Maximum Hazard Rank:**  
**Facility Type:**  
**Expired Date:** 12/4/2001  
**Original Source:** EXP  
**Record Date:** Up to May 2013

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">27</a>	4 of 12	NE/129.1	64.3 / 0.02	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA ON	DTNK

**Delisted Expired Fuel Safety Facilities**

Instance No: 10906073  
 Status: EXPIRED  
 Instance ID: 50765  
 Instance Type: FS Piping  
 Description: FS Piping  
 TSSA Program Area:  
 Maximum Hazard Rank:  
 Facility Type:  
 Expired Date:  
 Original Source: EXP  
 Record Date: Up to Mar 2012

<a href="#">27</a>	5 of 12	NE/129.1	64.3 / 0.02	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA ON	DTNK
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**Delisted Expired Fuel Safety Facilities**

Instance No: 10906040  
 Status: EXPIRED  
 Instance ID: 51466  
 Instance Type: FS Piping  
 Description: FS Piping  
 TSSA Program Area:  
 Maximum Hazard Rank:  
 Facility Type:  
 Expired Date:  
 Original Source: EXP  
 Record Date: Up to Mar 2012

<a href="#">27</a>	6 of 12	NE/129.1	64.3 / 0.02	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA ON	DTNK
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**Delisted Expired Fuel Safety Facilities**

Instance No: 10906057  
 Status: EXPIRED  
 Instance ID: 52622  
 Instance Type: FS Piping  
 Description: FS Piping  
 TSSA Program Area:  
 Maximum Hazard Rank:  
 Facility Type:  
 Expired Date:  
 Original Source: EXP  
 Record Date: Up to Mar 2012



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">27</a>	7 of 12	NE/129.1	64.3 / 0.02	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	EXP
<b>Instance No:</b>	10906064			<b>Model:</b>	NULL
<b>Status:</b>	EXPIRED			<b>Quantity:</b>	1
<b>Instance ID:</b>				<b>Unit of Measure:</b>	EA
<b>Instance Type:</b>				<b>Fuel Type2:</b>	NULL
<b>Instance Creation Dt:</b>	4/27/1992			<b>Fuel Type3:</b>	NULL
<b>Instance Install Dt:</b>	4/27/1992			<b>Piping Steel:</b>	
<b>Item:</b>				<b>Piping Galvanized:</b>	
<b>Item Description:</b>	FS Liquid Fuel Tank			<b>Tank Single Wall St:</b>	
<b>Facility Type:</b>	FS LIQUID FUEL TANK			<b>Piping Underground:</b>	
<b>Overfill Prot Type:</b>	NULL			<b>Tank Underground:</b>	
<b>Creation Date:</b>	7/5/2009 1:22:04 AM			<b>Panam Related:</b>	NULL
<b>Expired Date:</b>				<b>Panam Venue Nm:</b>	NULL
<b>Manufacturer:</b>	NULL				
<b>Source:</b>	FS Liquid Fuel Tank				
<b>Description:</b>	UNDERGROUND TANK				
<b>Serial No:</b>	NULL				
<b>Ulc Standard:</b>	NULL				
<b>Facility Location:</b>	979 RICHMOND RD OTTAWA K2B 6R1 ON CA				
<a href="#">27</a>	8 of 12	NE/129.1	64.3 / 0.02	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	EXP
<b>Instance No:</b>	10906049			<b>Model:</b>	NULL
<b>Status:</b>	EXPIRED			<b>Quantity:</b>	1
<b>Instance ID:</b>				<b>Unit of Measure:</b>	EA
<b>Instance Type:</b>				<b>Fuel Type2:</b>	NULL
<b>Instance Creation Dt:</b>	4/27/1992			<b>Fuel Type3:</b>	NULL
<b>Instance Install Dt:</b>	4/27/1992			<b>Piping Steel:</b>	
<b>Item:</b>				<b>Piping Galvanized:</b>	
<b>Item Description:</b>	FS Liquid Fuel Tank			<b>Tank Single Wall St:</b>	
<b>Facility Type:</b>	FS LIQUID FUEL TANK			<b>Piping Underground:</b>	
<b>Overfill Prot Type:</b>	NULL			<b>Tank Underground:</b>	
<b>Creation Date:</b>	7/5/2009 1:22:05 AM			<b>Panam Related:</b>	NULL
<b>Expired Date:</b>				<b>Panam Venue Nm:</b>	NULL
<b>Manufacturer:</b>	NULL				
<b>Source:</b>	FS Liquid Fuel Tank				
<b>Description:</b>	UNDERGROUND TANK				
<b>Serial No:</b>	NULL				
<b>Ulc Standard:</b>	NULL				
<b>Facility Location:</b>	979 RICHMOND RD OTTAWA K2B 6R1 ON CA				
<a href="#">27</a>	9 of 12	NE/129.1	64.3 / 0.02	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	EXP
<b>Instance No:</b>	10906031			<b>Model:</b>	NULL
<b>Status:</b>	EXPIRED			<b>Quantity:</b>	1
<b>Instance ID:</b>				<b>Unit of Measure:</b>	EA
<b>Instance Type:</b>				<b>Fuel Type2:</b>	NULL
<b>Instance Creation Dt:</b>	4/27/1992			<b>Fuel Type3:</b>	NULL
<b>Instance Install Dt:</b>	4/27/1992			<b>Piping Steel:</b>	
<b>Item:</b>				<b>Piping Galvanized:</b>	
<b>Item Description:</b>	FS Liquid Fuel Tank			<b>Tank Single Wall St:</b>	
<b>Facility Type:</b>	FS LIQUID FUEL TANK			<b>Piping Underground:</b>	
<b>Overfill Prot Type:</b>	NULL			<b>Tank Underground:</b>	
<b>Creation Date:</b>	7/5/2009 1:22:10 AM			<b>Panam Related:</b>	NULL
<b>Expired Date:</b>				<b>Panam Venue Nm:</b>	NULL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Manufacturer:</b>	NULL				
<b>Source:</b>				FS Liquid Fuel Tank	
<b>Description:</b>				UNDERGROUND TANK	
<b>Serial No:</b>				NULL	
<b>Ulc Standard:</b>				NULL	
<b>Facility Location:</b>				979 RICHMOND RD OTTAWA K2B 6R1 ON CA	

<a href="#">27</a>	10 of 12	NE/129.1	64.3 / 0.02	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	FST
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<b>Instance No:</b>	10906031	<b>Manufacturer:</b>	
<b>Status:</b>		<b>Serial No:</b>	
<b>Cont Name:</b>		<b>Ulc Standard:</b>	
<b>Instance Type:</b>		<b>Quantity:</b>	
<b>Item:</b>	FS LIQUID FUEL TANK	<b>Unit of Measure:</b>	
<b>Item Description:</b>	FS Liquid Fuel Tank	<b>Fuel Type:</b>	Gasoline
<b>Tank Type:</b>	Liquid Fuel Single Wall UST	<b>Fuel Type2:</b>	NULL
<b>Install Date:</b>	4/27/1992	<b>Fuel Type3:</b>	NULL
<b>Install Year:</b>	1988	<b>Piping Steel:</b>	
<b>Years in Service:</b>		<b>Piping Galvanized:</b>	
<b>Model:</b>	NULL	<b>Tanks Single Wall St:</b>	
<b>Description:</b>		<b>Piping Underground:</b>	
<b>Capacity:</b>	22700	<b>Num Underground:</b>	
<b>Tank Material:</b>	Steel	<b>Panam Related:</b>	
<b>Corrosion Protect:</b>		<b>Panam Venue:</b>	
<b>Overfill Protect:</b>			
<b>Facility Type:</b>	FS Liquid Fuel Tank		
<b>Parent Facility Type:</b>			
<b>Facility Location:</b>			
<b>Device Installed Location:</b>	979 RICHMOND RD OTTAWA K2B 6R1 ON CA		

**Fuel Storage Tank Details**

**Owner Account Name:** TOPS CAR WASH CO LTD

<a href="#">27</a>	11 of 12	NE/129.1	64.3 / 0.02	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	FST
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<b>Instance No:</b>	10906064	<b>Manufacturer:</b>	
<b>Status:</b>		<b>Serial No:</b>	
<b>Cont Name:</b>		<b>Ulc Standard:</b>	
<b>Instance Type:</b>		<b>Quantity:</b>	
<b>Item:</b>	FS LIQUID FUEL TANK	<b>Unit of Measure:</b>	
<b>Item Description:</b>	FS Liquid Fuel Tank	<b>Fuel Type:</b>	Gasoline
<b>Tank Type:</b>	Liquid Fuel Single Wall UST	<b>Fuel Type2:</b>	NULL
<b>Install Date:</b>	4/27/1992	<b>Fuel Type3:</b>	NULL
<b>Install Year:</b>	1988	<b>Piping Steel:</b>	
<b>Years in Service:</b>		<b>Piping Galvanized:</b>	
<b>Model:</b>	NULL	<b>Tanks Single Wall St:</b>	
<b>Description:</b>		<b>Piping Underground:</b>	
<b>Capacity:</b>	22700	<b>Num Underground:</b>	
<b>Tank Material:</b>	Steel	<b>Panam Related:</b>	
<b>Corrosion Protect:</b>		<b>Panam Venue:</b>	
<b>Overfill Protect:</b>			
<b>Facility Type:</b>	FS Liquid Fuel Tank		
<b>Parent Facility Type:</b>			
<b>Facility Location:</b>			
<b>Device Installed Location:</b>	979 RICHMOND RD OTTAWA K2B 6R1 ON CA		

**Fuel Storage Tank Details**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Owner Account Name: TOPS CAR WASH CO LTD

<a href="#">27</a>	12 of 12	NE/129.1	64.3 / 0.02	TOPS CAR WASH CO LTD 979 RICHMOND RD OTTAWA K2B 6R1 ON CA ON	FST
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<b>Instance No:</b>	10906049	<b>Manufacturer:</b>	
<b>Status:</b>		<b>Serial No:</b>	
<b>Cont Name:</b>		<b>Ulc Standard:</b>	
<b>Instance Type:</b>		<b>Quantity:</b>	
<b>Item:</b>	FS LIQUID FUEL TANK	<b>Unit of Measure:</b>	
<b>Item Description:</b>	FS Liquid Fuel Tank	<b>Fuel Type:</b>	Gasoline
<b>Tank Type:</b>	Liquid Fuel Single Wall UST	<b>Fuel Type2:</b>	NULL
<b>Install Date:</b>	4/27/1992	<b>Fuel Type3:</b>	NULL
<b>Install Year:</b>	1988	<b>Piping Steel:</b>	
<b>Years in Service:</b>		<b>Piping Galvanized:</b>	
<b>Model:</b>	NULL	<b>Tanks Single Wall St:</b>	
<b>Description:</b>		<b>Piping Underground:</b>	
<b>Capacity:</b>	22700	<b>Num Underground:</b>	
<b>Tank Material:</b>	Steel	<b>Panam Related:</b>	
<b>Corrosion Protect:</b>		<b>Panam Venue:</b>	
<b>Overfill Protect:</b>			
<b>Facility Type:</b>	FS Liquid Fuel Tank		
<b>Parent Facility Type:</b>			
<b>Facility Location:</b>			
<b>Device Installed Location:</b>	979 RICHMOND RD OTTAWA K2B 6R1 ON CA		

**Fuel Storage Tank Details**

Owner Account Name: TOPS CAR WASH CO LTD

<a href="#">28</a>	1 of 1	ENE/132.1	68.5 / 4.19	178 Ancaster Avenue Ottawa ON K2B 5B3	SPL
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<b>Ref No:</b>	2321-BCKNSM	<b>Discharger Report:</b>	
<b>Site No:</b>	NA	<b>Material Group:</b>	
<b>Incident Dt:</b>	5/26/2019	<b>Health/Env Conseq:</b>	0 - No Impact
<b>Year:</b>		<b>Client Type:</b>	
<b>Incident Cause:</b>		<b>Sector Type:</b>	
<b>Incident Event:</b>		<b>Agency Involved:</b>	
<b>Contaminant Code:</b>		<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>		<b>Site Address:</b>	178 Ancaster Avenue
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>	Ottawa
<b>Contam Limit Freq 1:</b>		<b>Site Postal Code:</b>	K2B 5B3
<b>Contaminant UN No 1:</b>		<b>Site Region:</b>	Eastern
<b>Environment Impact:</b>		<b>Site Municipality:</b>	Ottawa
<b>Nature of Impact:</b>		<b>Site Lot:</b>	
<b>Receiving Medium:</b>		<b>Site Conc:</b>	
<b>Receiving Env:</b>		<b>Northing:</b>	
<b>MOE Response:</b>	Yes	<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>	6/20/2019	<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	5/27/2019	<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>		<b>SAC Action Class:</b>	
<b>Incident Reason:</b>		<b>Source Type:</b>	
<b>Site Name:</b>	Neighbouring Property<UNOFFICIAL>		
<b>Site County/District:</b>			
<b>Site Geo Ref Meth:</b>			
<b>Incident Summary:</b>	Pesticide Complaint: Round Up application		
<b>Contaminant Qty:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">29</a>	1 of 1	NW/136.9	58.9 / -5.39	ON	<b>BORE</b>
<b>Borehole ID:</b>	611028			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215512537			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>	DEC-1964			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.376052
<b>Total Depth m:</b>	-999			<b>Longitude DD:</b>	-75.779961
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	438931
<b>Drill Method:</b>				<b>Northing:</b>	5025022
<b>Orig Ground Elev m:</b>	57.9			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	60.3				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218387279			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	4.9			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>				<b>Material Texture:</b>	Coarse
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	BEDROCK. MEDIUM TO COARSE. BROWN, LOOSE. SILT, SAND, TILL. GREY, DENSE TO VERY DENSE. 0000002300 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218387276			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.3			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND. LOOSE.				
<b>Geology Stratum ID:</b>	218387277			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	2.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.1			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND, SILT. LOOSE.				
<b>Geology Stratum ID:</b>	218387278			<b>Mat Consistency:</b>	Firm
<b>Top Depth:</b>	4.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.9			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	Sand			<b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218387275 0 .3  Soil	TILL,SAND. FIRM.		<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Source</b>					
<b>Source Type:</b> <b>Source Orig:</b> <b>Source Date:</b> <b>Confidence:</b> <b>Observatio:</b> <b>Source Name:</b> <b>Source Details:</b> <b>Confiden 1:</b>	Data Survey Geological Survey of Canada 1956-1972			<b>Source Appl:</b> <b>Source Iden:</b> <b>Scale or Res:</b> <b>Horizontal:</b> <b>Verticalda:</b>	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
		Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 035360 NTS_Sheet: 31G05F			
<b>Source List</b>					
<b>Source Identifier:</b> <b>Source Type:</b> <b>Source Date:</b> <b>Scale or Resolution:</b> <b>Source Name:</b> <b>Source Originators:</b>	1 Data Survey 1956-1972 Varies			<b>Horizontal Datum:</b> <b>Vertical Datum:</b> <b>Projection Name:</b>	NAD27 Mean Average Sea Level Universal Transverse Mercator
		Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			
<b>30</b>	1 of 1	<b>E/147.6</b>	<b>69.9 / 5.61</b>	<b>PRIVATE RESIDENCE</b> <b>192 ANCASTER AVE (N.O.S.)</b> <b>OTTAWA ON K2B 5B3</b>	<b>SPL</b>
<b>Ref No:</b> <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> <b>Dt Document Closed:</b> <b>Incident Reason:</b> <b>Site Name:</b> <b>Site County/District:</b>	189349  10/27/2000  OTHER CONTAINER LEAK			<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> <b>Source Type:</b>	20107
		POSSIBLE Water course or lake WATER			
		10/27/2000			
		OTHER			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b> PRIVATE RES. OIL TANK SPILL;50L;TO DRAIN;INS. COMPANY TO CLEANUP					
<b>Contaminant Qty:</b>					

<a href="#">31</a>	1 of 1	WSW/149.4	60.1 / -4.19	ON	BORE
<b>Borehole ID:</b>	611021			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215512530			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>	SEP-1972			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.374065
<b>Total Depth m:</b>	9.4			<b>Longitude DD:</b>	-75.780955
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	438851
<b>Drill Method:</b>				<b>Northing:</b>	5024802
<b>Orig Ground Elev m:</b>	59.5			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	62.1				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218387256			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	7			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	7.9			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>	Dolomite			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	BEDROCK,LIMESTONE, DOLOMITE. GREY,SOUND.				
<b>Geology Stratum ID:</b>	218387257			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	7.9			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	9.4			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>	Dolomite			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	BEDROCK,LIMESTONE, DOLOMITE. GREY,SOUND. 0001000700025031000781000023010000185NSE. 0000015 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218387255			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	2.4			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	7			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Till			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT,SAND,TILL. GREY,VERY DENSE.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Geology Stratum ID:</b>	218387252			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.3			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Unknown			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Soil			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	UNSPECIFIED,SOIL. BROWN.				
<b>Geology Stratum ID:</b>	218387253			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.8			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gravel			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND,SILT,GRAVEL. BROWN,LOOSE.				
<b>Geology Stratum ID:</b>	218387254			<b>Mat Consistency:</b>	Compact
<b>Top Depth:</b>	.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.4			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Gravel			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT,GRAVEL,SAND. BROWN,COMPACT,VERY DENSE.				
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: OTTAWA1.txt RecordID: 035290 NTS_Sheet: 31G05C				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<b>32</b>	<b>1 of 1</b>	<b>WNW/150.2</b>	<b>57.8 / -6.48</b>	<b>lot 25 con 1 ON</b>	<b>WWIS</b>
<b>Well ID:</b>	1503894			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	11/24/1948
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	4216

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY (NEPEAN)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	025
<b>Well Depth:</b>				<b>Concession:</b>	01
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	OF
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1503894.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503894.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 1948/10/26  
**Year Completed:** 1948  
**Depth (m):** 29.2608  
**Latitude:** 45.3755045402405  
**Longitude:** -75.7807198592913  
**Path:** 150\1503894.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	10025937	<b>Elevation:</b>	59.892578
<b>DP2BR:</b>	15.00	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	r	<b>East83:</b>	438870.60
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	5024962.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	26-Oct-1948 00:00:00	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 930997827  
**Layer:** 1  
**Color:**  
**General Color:**  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 09  
**Mat2 Desc:** MEDIUM SAND  
**Mat3:** 13  
**Mat3 Desc:** BOULDERS  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 15.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		930997828			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		15.0			
<b>Formation End Depth:</b>		96.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961503894			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10574507			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930044622			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		15			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930044623			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		96			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991503894			
<b>Pump Set At:</b>					
<b>Static Level:</b>		19.0			
<b>Final Level After Pumping:</b>		21.0			
<b>Recommended Pump Depth:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Pumping Rate:</b> <b>Flowing Rate:</b> <b>Recommended Pump Rate:</b> <b>Levels UOM:</b> ft <b>Rate UOM:</b> GPM <b>Water State After Test Code:</b> 1 <b>Water State After Test:</b> CLEAR <b>Pumping Test Method:</b> 1 <b>Pumping Duration HR:</b> <b>Pumping Duration MIN:</b> <b>Flowing:</b> No					
<b><u>Water Details</u></b>					
<b>Water ID:</b> 933456913 <b>Layer:</b> 1 <b>Kind Code:</b> 1 <b>Kind:</b> FRESH <b>Water Found Depth:</b> <b>Water Found Depth UOM:</b> ft					

<a href="#">33</a>	1 of 1	E/153.6	69.9 / 5.61	Paul and Elena Lungu Ottawa ON K2W 1E7	ECA
<b>Approval No:</b> 5314-87HL8C <b>Approval Date:</b> 2010-08-03 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Rideau Valley <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Business Name:</b> Paul and Elena Lungu <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/5266-87CKEH-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/5266-87CKEH-14.pdf</a>					
<b>MOE District:</b> Ottawa <b>City:</b> <b>Longitude:</b> -75.7757 <b>Latitude:</b> 45.3749 <b>Geometry X:</b> <b>Geometry Y:</b>					

<a href="#">34</a>	1 of 1	W/161.4	59.2 / -5.09	ON	BORE
<b>Borehole ID:</b> 611022 <b>OGF ID:</b> 215512531 <b>Status:</b> <b>Type:</b> Borehole <b>Use:</b> <b>Completion Date:</b> SEP-1972 <b>Static Water Level:</b> <b>Primary Water Use:</b> <b>Sec. Water Use:</b> <b>Total Depth m:</b> 4.3 <b>Depth Ref:</b> Ground Surface <b>Depth Elev:</b> <b>Drill Method:</b> <b>Orig Ground Elev m:</b> 58.1 <b>Elev Reliabil Note:</b> <b>DEM Ground Elev m:</b> 61.5 <b>Concession:</b> <b>Location D:</b> <b>Survey D:</b> <b>Comments:</b>					
<b>Inclin FLG:</b> No <b>SP Status:</b> Initial Entry <b>Surv Elev:</b> No <b>Piezometer:</b> No <b>Primary Name:</b> <b>Municipality:</b> <b>Lot:</b> <b>Township:</b> <b>Latitude DD:</b> 45.374243 <b>Longitude DD:</b> -75.781213 <b>UTM Zone:</b> 18 <b>Easting:</b> 438831 <b>Northing:</b> 5024822 <b>Location Accuracy:</b> <b>Accuracy:</b> Not Applicable					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218387260			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	1.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	3			<b>Material Texture:</b>	Fine
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gravel			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND,SILT-FINE, GRAVEL. GREY,LOOSE,VERY LOOSE.				
<b>Geology Stratum ID:</b>	218387259			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.8			<b>Material Texture:</b>	Fine
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gravel			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND,SILT-FINE, GRAVEL. BROWN,LOOSE.				
<b>Geology Stratum ID:</b>	218387261			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.3			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Gravel			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT,GRAVEL,SAND. GREY,VERY DENSE. 000050050006000600100090ND. BEDROCK,LIMESTONE, DOLOMITE. G **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218387258			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Unknown			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Soil			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	UNSPECIFIED,SOIL. BROWN.				
<b><u>Source</u></b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: OTTAWA1.txt RecordID: 035300 NTS_Sheet: 31G05C				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b><u>Source List</u></b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Source Name:</b>		Urban Geology Automated Information System (UGAIS)			
<b>Source Originators:</b>		Geological Survey of Canada			

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<b>Well ID:</b>	1503896	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	11/24/1948
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	4216
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	OTTAWA
<b>Elevation (m):</b>		<b>Municipality:</b>	OTTAWA CITY (NEPEAN)
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	025
<b>Well Depth:</b>		<b>Concession:</b>	01
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	OF
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1503896.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503896.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 1948/11/01  
**Year Completed:** 1948  
**Depth (m):** 32.3088  
**Latitude:** 45.3733722880662  
**Longitude:** -75.7766024826113  
**Path:** 150\1503896.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	10025939	<b>Elevation:</b>	71.021469
<b>DP2BR:</b>	19.00	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	r	<b>East83:</b>	439190.70
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	5024722.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	01-Nov-1948 00:00:00	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 930997831  
**Layer:** 1  
**Color:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		09			
<b>Mat2 Desc:</b>		MEDIUM SAND			
<b>Mat3:</b>		13			
<b>Mat3 Desc:</b>		BOULDERS			
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		19.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		930997832			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		19.0			
<b>Formation End Depth:</b>		106.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		961503896			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10574509			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930044627			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		106			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930044626			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		19			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:		991503896			
Pump Set At:					
Static Level:		19.0			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
<b><u>Water Details</u></b>					
Water ID:		933456915			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:					
Water Found Depth UOM:		ft			

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<b>Well ID:</b>	1507778	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	3/18/1952
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	3601
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	OTTAWA
<b>Elevation (m):</b>		<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	
<b>Well Depth:</b>		<b>Concession:</b>	
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

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**Additional Detail(s) (Map)**

**Well Completed Date:** 1952/03/06

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Year Completed:</b>		1952			
<b>Depth (m):</b>		30.48			
<b>Latitude:</b>		45.3739166582793			
<b>Longitude:</b>		-75.7759713714781			
<b>Path:</b>		150\1507778.pdf			
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	10029813			<b>Elevation:</b>	71.216575
<b>DP2BR:</b>	0.00			<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>	r			<b>East83:</b>	439240.70
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	5024782.00
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	9
<b>Date Completed:</b>	06-Mar-1952 00:00:00			<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>				<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931008004			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>		02			
<b>Mat2 Desc:</b>		TOPSOIL			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		4.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931008005			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		4.0			
<b>Formation End Depth:</b>		100.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961507778			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Method Construction Code:</b>	1				
<b>Method Construction:</b>	Cable Tool				
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>	10578383				
<b>Casing No:</b>	1				
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>	930052292				
<b>Layer:</b>	2				
<b>Material:</b>	4				
<b>Open Hole or Material:</b>	OPEN HOLE				
<b>Depth From:</b>					
<b>Depth To:</b>	100				
<b>Casing Diameter:</b>	4				
<b>Casing Diameter UOM:</b>	inch				
<b>Casing Depth UOM:</b>	ft				
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>	930052291				
<b>Layer:</b>	1				
<b>Material:</b>	1				
<b>Open Hole or Material:</b>	STEEL				
<b>Depth From:</b>					
<b>Depth To:</b>	20				
<b>Casing Diameter:</b>	4				
<b>Casing Diameter UOM:</b>	inch				
<b>Casing Depth UOM:</b>	ft				
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>	991507778				
<b>Pump Set At:</b>					
<b>Static Level:</b>	20.0				
<b>Final Level After Pumping:</b>	26.0				
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>	6.0				
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>	ft				
<b>Rate UOM:</b>	GPM				
<b>Water State After Test Code:</b>	1				
<b>Water State After Test:</b>	CLEAR				
<b>Pumping Test Method:</b>	1				
<b>Pumping Duration HR:</b>	0				
<b>Pumping Duration MIN:</b>	20				
<b>Flowing:</b>	No				
<b><u>Water Details</u></b>					
<b>Water ID:</b>	933462023				
<b>Layer:</b>	1				
<b>Kind Code:</b>	1				
<b>Kind:</b>	FRESH				
<b>Water Found Depth:</b>	80.0				
<b>Water Found Depth UOM:</b>	ft				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">37</a>	1 of 5	WSW/177.9	60.8 / -3.48	Institute of Professional Management Inc. 1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	SCT
<b>Established:</b>		1984			
<b>Plant Size (ft²):</b>		8			
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>		Periodical Publishers			
<b>SIC/NAICS Code:</b>		511120			
<a href="#">37</a>	2 of 5	WSW/177.9	60.8 / -3.48	Association of Professional Recruiters of Canada 1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	SCT
<b>Established:</b>		1984			
<b>Plant Size (ft²):</b>		8			
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>		Periodical Publishers			
<b>SIC/NAICS Code:</b>		511120			
<a href="#">37</a>	3 of 5	WSW/177.9	60.8 / -3.48	Association of Professional Recruiters of Canada 1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	SCT
<b>Established:</b>		1984			
<b>Plant Size (ft²):</b>		8			
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>		Periodical Publishers			
<b>SIC/NAICS Code:</b>		511120			
<a href="#">37</a>	4 of 5	WSW/177.9	60.8 / -3.48	Assocn-Pro Recruiters of Cnd 1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	SCT
<b>Established:</b>		01-OCT-84			
<b>Plant Size (ft²):</b>		5000			
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>		Professional Organizations			
<b>SIC/NAICS Code:</b>		813920			
<a href="#">37</a>	5 of 5	WSW/177.9	60.8 / -3.48	Institute of Professional Mgmt 1081 Ambleside Dr Suite 2210 Ottawa ON K2B 8C8	SCT
<b>Established:</b>		01-OCT-84			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plant Size (ft²): Employment:		5000			
<b>--Details--</b>					
Description:		Professional Organizations			
SIC/NAICS Code:		813920			

<u>38</u>	1 of 1	SSW/182.5	65.2 / 0.91	ON	BORE
<b>Borehole ID:</b>	611010			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215512519			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>				<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.372451
<b>Total Depth m:</b>	-999			<b>Longitude DD:</b>	-75.779911
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	438931
<b>Drill Method:</b>				<b>Northing:</b>	5024622
<b>Orig Ground Elev m:</b>	65.5			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	66.8				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218387214	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	7.6	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	10.7	<b>Material Texture:</b>	
<b>Material Color:</b>		<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand	<b>Geologic Formation:</b>	
<b>Material 2:</b>		<b>Geologic Group:</b>	
<b>Material 3:</b>		<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	SAND.		
<b>Geology Stratum ID:</b>	218387215	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	10.7	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	12.2	<b>Material Texture:</b>	
<b>Material Color:</b>		<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Gravel	<b>Geologic Formation:</b>	
<b>Material 2:</b>		<b>Geologic Group:</b>	
<b>Material 3:</b>		<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	GRAVEL.		
<b>Geology Stratum ID:</b>	218387213	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	7.6	<b>Material Texture:</b>	
<b>Material Color:</b>	Grey	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay	<b>Geologic Formation:</b>	
<b>Material 2:</b>		<b>Geologic Group:</b>	
<b>Material 3:</b>		<b>Geologic Period:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		CLAY, GREY.			
<b>Geology Stratum ID:</b>	218387217			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	18.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>				<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		BEDROCK,LIMESTONE. 35RED,VERY DENSE. BEDROCK,DOLOMITE. BEDROCK,DOLOMITE. 00010 030 0			
**Note: Many records provided by the department have a truncated [Stratum Description] field.					
<b>Geology Stratum ID:</b>	218387216			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	12.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	18.3			<b>Material Texture:</b>	
<b>Material Color:</b>	Blue			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Shale			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		BEDROCK,SHALE. BLUE.			
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Ident:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: OTTAWA1.txt RecordID: 035180 NTS_Sheet: 31G05C				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<b>39</b>	<b>1 of 1</b>	<b>NNE/182.7</b>	<b>60.7 / -3.56</b>	<b>ON</b>	<b>WWIS</b>
<b>Well ID:</b>	1508854			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	8/27/1953
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3725
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>				<b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>	
<b>PDF URL (Map):</b>		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508854.pdf			
<b><u>Additional Detail(s) (Map)</u></b>					
<b>Well Completed Date:</b>		1953/07/27			
<b>Year Completed:</b>		1953			
<b>Depth (m):</b>		18.288			
<b>Latitude:</b>		45.377054673661			
<b>Longitude:</b>		-75.7778023654697			
<b>Path:</b>		150\1508854.pdf			
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>		10030888		<b>Elevation:</b> 62.287906	
<b>DP2BR:</b>		10.00		<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b> 18	
<b>Code OB:</b>		r		<b>East83:</b> 439100.70	
<b>Code OB Desc:</b>		Bedrock		<b>North83:</b> 5025132.00	
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b> 9	
<b>Date Completed:</b>		27-Jul-1953 00:00:00		<b>UTMRC Desc:</b> unknown UTM	
<b>Remarks:</b>				<b>Location Method:</b> p9	
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931010777			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		26			
<b>Most Common Material:</b>		ROCK			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		10.0			
<b>Formation End Depth:</b>		60.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931010776			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		09			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Most Common Material:</b>		MEDIUM SAND			
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		10.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961508854			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10579458			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930054408			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		60			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930054407			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		20			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991508854			
<b>Pump Set At:</b>					
<b>Static Level:</b>		10.0			
<b>Final Level After Pumping:</b>		15.0			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		1.0			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Pumping Test Method:</b>	1				
<b>Pumping Duration HR:</b>	0				
<b>Pumping Duration MIN:</b>	15				
<b>Flowing:</b>	No				
<b><u>Water Details</u></b>					
<b>Water ID:</b>	933463550				
<b>Layer:</b>	1				
<b>Kind Code:</b>	1				
<b>Kind:</b>	FRESH				
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>	ft				

<a href="#">40</a>	1 of 1	<b>ENE/183.0</b>	<b>69.2 / 4.91</b>	<b>ON</b>	<b>WWIS</b>
<b>Well ID:</b>	1508046			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	3/1/1954
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	4833
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1508046.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508046.pdf)

**Additional Detail(s) (Map)**

<b>Well Completed Date:</b>	1953/07/01
<b>Year Completed:</b>	1953
<b>Depth (m):</b>	30.48
<b>Latitude:</b>	45.375809367037
<b>Longitude:</b>	-75.7756141083484
<b>Path:</b>	150\1508046.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	10030081	<b>Elevation:</b>	69.415725
<b>DP2BR:</b>	4.00	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	r	<b>East83:</b>	439270.70
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	5024992.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	01-Jul-1953 00:00:00	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931008666			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		01			
<b>Most Common Material:</b>		FILL			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		4.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931008667			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		4.0			
<b>Formation End Depth:</b>		100.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		961508046			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10578651			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930052818			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		20			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930052819			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		100			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991508046			
<b>Pump Set At:</b>					
<b>Static Level:</b>		30.0			
<b>Final Level After Pumping:</b>		55.0			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		5.0			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		0			
<b>Pumping Duration MIN:</b>		20			
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933462393			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		90.0			
<b>Water Found Depth UOM:</b>		ft			

41      1 of 1      **ENE/183.0**      **69.2 / 4.91**      **ON**      **BORE**

<b>Borehole ID:</b>	611027	<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215512536	<b>SP Status:</b>	Initial Entry
<b>Status:</b>		<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole	<b>Piezometer:</b>	No
<b>Use:</b>		<b>Primary Name:</b>	
<b>Completion Date:</b>	JUL-1953	<b>Municipality:</b>	
<b>Static Water Level:</b>		<b>Lot:</b>	
<b>Primary Water Use:</b>		<b>Township:</b>	
<b>Sec. Water Use:</b>		<b>Latitude DD:</b>	45.375811
<b>Total Depth m:</b>	30.5	<b>Longitude DD:</b>	-75.775615
<b>Depth Ref:</b>	Ground Surface	<b>UTM Zone:</b>	18
<b>Depth Elev:</b>		<b>Easting:</b>	439271
<b>Drill Method:</b>		<b>Northing:</b>	5024992
<b>Orig Ground Elev m:</b>	68.6	<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>		<b>Accuracy:</b>	Not Applicable



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>DEM Ground Elev m:</b> 69.4					
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218387274			<b>Mat Consistency:</b>	Compact
<b>Top Depth:</b>	1.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	30.5			<b>Material Texture:</b>	Coarse
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Limestone			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>	LIMESTONE. ACT. TILL. COMPACT. SAND,SAND-FINE, GRAVEL-MEDIUM TO COARSE. BROWN,LOOSE. S				
<b>Stratum Description:</b>	**Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218387273			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.2			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Fill			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	fill
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	FILL.				
<b><u>Source</u></b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Ident:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>				<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: OTTAWA1.txt RecordID: 03535 NTS_Sheet:				
<b>Confiden 1:</b>					
<b><u>Source List</u></b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<b>42</b>	<b>1 of 1</b>	<b>S/185.1</b>	<b>68.2 / 3.91</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	611007			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215512516			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>				<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.372189
<b>Total Depth m:</b>	-999			<b>Longitude DD:</b>	-75.778758
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	439021
<b>Drill Method:</b>				<b>Northing:</b>	5024592
<b>Orig Ground Elev m:</b>	66.4			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	68.2				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218387202			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.6			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY. GREY.				
<b>Geology Stratum ID:</b>	218387203			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	4.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	13.7			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND.				
<b>Geology Stratum ID:</b>	218387204			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	13.7			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>				<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	BEDROCK,LIMESTONE. GREY. . NE. 0000001200060035RED,VERY DENSE. BEDROCK,DOLOMITE. BE				
	**Note: Many records provided by the department have a truncated [Stratum Description] field.				

**Source**

<b>Source Type:</b>	Data Survey	<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada	<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972	<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H	<b>Horizontal:</b>	NAD27
<b>Observatio:</b>		<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Details:</b>	File: OTTAWA1.txt RecordID: 035150 NTS_Sheet: 31G05C		
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.		

**Source List**

<b>Source Identifier:</b>	1	<b>Horizontal Datum:</b>	NAD27
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				

[43](#)    1 of 1    **WNW/187.0**    **57.6 / -6.70**    **ON**    **WWIS**

<b>Well ID:</b>	1508934	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	6/9/1954
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	3566
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	OTTAWA
<b>Elevation (m):</b>		<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	
<b>Well Depth:</b>		<b>Concession:</b>	
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1508934.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508934.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 1954/01/30  
**Year Completed:** 1954  
**Depth (m):** 22.86  
**Latitude:** 45.3753197270863  
**Longitude:** -75.7814197519533  
**Path:** 150\1508934.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	10030968	<b>Elevation:</b>	59.514282
<b>DP2BR:</b>	13.00	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	r	<b>East83:</b>	438815.60
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	5024942.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	30-Jan-1954 00:00:00	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		931010994			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		09			
<b>Most Common Material:</b>		MEDIUM SAND			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		5.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931010996			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		13.0			
<b>Formation End Depth:</b>		75.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931010995			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		13			
<b>Mat2 Desc:</b>		BOULDERS			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		5.0			
<b>Formation End Depth:</b>		13.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		961508934			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10579538			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930054567			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		75			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930054566			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		20			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991508934			
<b>Pump Set At:</b>					
<b>Static Level:</b>		11.0			
<b>Final Level After Pumping:</b>		13.0			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		5.0			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933463647			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		65.0			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933463648			
<b>Layer:</b>		2			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		75.0			
<b>Water Found Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">44</a>	1 of 1	E/190.7	69.9 / 5.61	lot 25 con 1 ON	WWIS
<b>Well ID:</b> 1503898 <b>Construction Date:</b> <b>Primary Water Use:</b> Domestic <b>Sec. Water Use:</b> 0 <b>Final Well Status:</b> Water Supply <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>		<b>Data Entry Status:</b> <b>Data Src:</b> 1 <b>Date Received:</b> 11/23/1951 <b>Selected Flag:</b> True <b>Abandonment Rec:</b> <b>Contractor:</b> 4832 <b>Form Version:</b> 1 <b>Owner:</b> <b>Street Name:</b> <b>County:</b> OTTAWA <b>Municipality:</b> OTTAWA CITY (NEPEAN) <b>Site Info:</b> <b>Lot:</b> 025 <b>Concession:</b> 01 <b>Concession Name:</b> OF <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>			
<b>PDF URL (Map):</b>		<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503898.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503898.pdf</a>			
<b><u>Additional Detail(s) (Map)</u></b>					
<b>Well Completed Date:</b> 1949/05/15 <b>Year Completed:</b> 1949 <b>Depth (m):</b> 21.9456 <b>Latitude:</b> 45.3750019223833 <b>Longitude:</b> -75.7752199251988 <b>Path:</b> 150\1503898.pdf					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> 10025941 <b>DP2BR:</b> 1.00 <b>Spatial Status:</b> <b>Code OB:</b> r <b>Code OB Desc:</b> Bedrock <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 15-May-1949 00:00:00 <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>		<b>Elevation:</b> 70.512077 <b>Elevrc:</b> <b>Zone:</b> 18 <b>East83:</b> 439300.70 <b>North83:</b> 5024902.00 <b>Org CS:</b> <b>UTMRC:</b> 9 <b>UTMRC Desc:</b> unknown UTM <b>Location Method:</b> p9			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b> 930997837 <b>Layer:</b> 3 <b>Color:</b> <b>General Color:</b> <b>Mat1:</b> 15 <b>Most Common Material:</b> LIMESTONE					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		10.0			
<b>Formation End Depth:</b>		72.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		930997836			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		1.0			
<b>Formation End Depth:</b>		10.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		930997835			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		1.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		961503898			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10574511			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930044630			
<b>Layer:</b>		1			
<b>Material:</b>		1			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		8			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930044631			
<b>Layer:</b>		2			
<b>Material:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>		10			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930044632			
<b>Layer:</b>		3			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		72			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991503898			
<b>Pump Set At:</b>					
<b>Static Level:</b>		12.0			
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>					
<b>Water State After Test:</b>					
<b>Pumping Test Method:</b>					
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933456918			
<b>Layer:</b>		2			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		54.0			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933456919			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		70.0			
Water Found Depth UOM:		ft			
<b>Water Details</b>					
Water ID:		933456917			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		40.0			
Water Found Depth UOM:		ft			

<a href="#">45</a>	1 of 1	SSW/199.0	67.9 / 3.64	ON	WWIS
Well ID:	1508258			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/12/1952
Sec. Water Use:	0			Selected Flag:	True
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3566
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map):

**Additional Detail(s) (Map)**

Well Completed Date:	1952/11/10
Year Completed:	1952
Depth (m):	31.0896
Latitude:	45.3720948144422
Longitude:	-75.7791404419983
Path:	

**Bore Hole Information**

Bore Hole ID:	10030293	Elevation:	67.910217
DP2BR:	15.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	438990.60
Code OB Desc:	Bedrock	North83:	5024582.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	10-Nov-1952 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u><b>Overburden and Bedrock</b></u>					
<u><b>Materials Interval</b></u>					
<i>Formation ID:</i>		931009191			
<i>Layer:</i>		1			
<i>Color:</i>					
<i>General Color:</i>					
<i>Mat1:</i>		06			
<i>Most Common Material:</i>		SILT			
<i>Mat2:</i>					
<i>Mat2 Desc:</i>					
<i>Mat3:</i>					
<i>Mat3 Desc:</i>					
<i>Formation Top Depth:</i>		0.0			
<i>Formation End Depth:</i>		4.0			
<i>Formation End Depth UOM:</i>		ft			
<u><b>Overburden and Bedrock</b></u>					
<u><b>Materials Interval</b></u>					
<i>Formation ID:</i>		931009192			
<i>Layer:</i>		2			
<i>Color:</i>					
<i>General Color:</i>					
<i>Mat1:</i>		05			
<i>Most Common Material:</i>		CLAY			
<i>Mat2:</i>		09			
<i>Mat2 Desc:</i>		MEDIUM SAND			
<i>Mat3:</i>		12			
<i>Mat3 Desc:</i>		STONES			
<i>Formation Top Depth:</i>		4.0			
<i>Formation End Depth:</i>		15.0			
<i>Formation End Depth UOM:</i>		ft			
<u><b>Overburden and Bedrock</b></u>					
<u><b>Materials Interval</b></u>					
<i>Formation ID:</i>		931009193			
<i>Layer:</i>		3			
<i>Color:</i>					
<i>General Color:</i>					
<i>Mat1:</i>		15			
<i>Most Common Material:</i>		LIMESTONE			
<i>Mat2:</i>					
<i>Mat2 Desc:</i>					
<i>Mat3:</i>					
<i>Mat3 Desc:</i>					
<i>Formation Top Depth:</i>		15.0			
<i>Formation End Depth:</i>		102.0			
<i>Formation End Depth UOM:</i>		ft			
<u><b>Method of Construction &amp; Well</b></u>					
<u><b>Use</b></u>					
<i>Method Construction ID:</i>		961508258			
<i>Method Construction Code:</i>		1			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10578863			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930053242			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		20			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930053243			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		102			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991508258			
<b>Pump Set At:</b>					
<b>Static Level:</b>		6.0			
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		8.0			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933462682			
<b>Layer:</b>		2			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		70.0			
<b>Water Found Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Water Details</u></b>					
Water ID:		933462683			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		90.0			
Water Found Depth UOM:		ft			
<b><u>Water Details</u></b>					
Water ID:		933462684			
Layer:		4			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		102.0			
Water Found Depth UOM:		ft			
<b><u>Water Details</u></b>					
Water ID:		933462681			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50.0			
Water Found Depth UOM:		ft			

<a href="#">46</a>	1 of 1	NNE/202.0	59.9 / -4.35	ON	WWIS
Well ID:	1508855			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/27/1953
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
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1508855.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508855.pdf)

**Additional Detail(s) (Map)**

Well Completed Date:	1953/08/01
Year Completed:	1953
Depth (m):	19.812
Latitude:	45.3772346836483
Longitude:	-75.7778048334774
Path:	150\1508855.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Bore Hole Information**

<b>Bore Hole ID:</b>	10030889	<b>Elevation:</b>	61.888038
<b>DP2BR:</b>	20.00	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	r	<b>East83:</b>	439100.70
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	5025152.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	01-Aug-1953 00:00:00	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	931010779
<b>Layer:</b>	2
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	26
<b>Most Common Material:</b>	ROCK
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	20.0
<b>Formation End Depth:</b>	65.0
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	931010778
<b>Layer:</b>	1
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	09
<b>Most Common Material:</b>	MEDIUM SAND
<b>Mat2:</b>	12
<b>Mat2 Desc:</b>	STONES
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	0.0
<b>Formation End Depth:</b>	20.0
<b>Formation End Depth UOM:</b>	ft

**Method of Construction & Well**

**Use**

<b>Method Construction ID:</b>	961508855
<b>Method Construction Code:</b>	1
<b>Method Construction:</b>	Cable Tool
<b>Other Method Construction:</b>	

**Pipe Information**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10579459			
Casing No:		1			
Comment:					
Alt Name:					
<b><u>Construction Record - Casing</u></b>					
Casing ID:		930054410			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		65			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Construction Record - Casing</u></b>					
Casing ID:		930054409			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		30			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:		991508855			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		14.0			
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:		15			
Flowing:		No			
<b><u>Water Details</u></b>					
Water ID:		933463551			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:					
Water Found Depth UOM:		ft			

[47](#) 1 of 1 W/203.6 57.9 / -6.39 ON BORE

Borehole ID: 611025 Incl FLG: No  
 OGF ID: 215512534 SP Status: Initial Entry

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>	DEC-1963			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.375139
<b>Total Depth m:</b>	-999			<b>Longitude DD:</b>	-75.781736
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	438791
<b>Drill Method:</b>				<b>Northing:</b>	5024922
<b>Orig Ground Elev m:</b>	56.9			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	60.1				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218387270			<b>Mat Consistency:</b>	Compact
<b>Top Depth:</b>	5.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>				<b>Material Texture:</b>	Coarse
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Boulders			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	TILL. COMPACT. SAND,SAND-FINE, GRAVEL-MEDIUM TO COARSE. BROWN,LOOSE. SILT,SAND,TILL. GREY,D **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218387268			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.5			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Fill			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	fill
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	FILL.				
<b>Geology Stratum ID:</b>	218387269			<b>Mat Consistency:</b>	Compact
<b>Top Depth:</b>	1.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	5.1			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND,SILT. COMPACT.				
<b><u>Source</u></b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Ident:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>				<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: OTTAWA1.txt RecordID: 035330 NTS_Sheet: 31G05F				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Confiden 1:</i>					
<u>Source List</u>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				

<a href="#">48</a>	1 of 1	WNW/209.3	54.6 / -9.66	ON	WWIS
<b>Well ID:</b>	1508933			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	6/22/1951
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	4832
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1508933.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508933.pdf)

Additional Detail(s) (Map)

**Well Completed Date:** 1951/06/07  
**Year Completed:** 1951  
**Depth (m):** 22.86  
**Latitude:** 45.3762232702655  
**Longitude:** -75.7809213264016  
**Path:** 150\1508933.pdf

Bore Hole Information

<b>Bore Hole ID:</b>	10030967	<b>Elevation:</b>	57.845264
<b>DP2BR:</b>	14.00	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	r	<b>East83:</b>	438855.60
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	5025042.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	07-Jun-1951 00:00:00	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			



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

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931010992  
**Layer:** 2  
**Color:**  
**General Color:**  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 17  
**Mat2 Desc:** SHALE  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 14.0  
**Formation End Depth:** 24.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931010993  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 24.0  
**Formation End Depth:** 75.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931010991  
**Layer:** 1  
**Color:**  
**General Color:**  
**Mat1:** 09  
**Most Common Material:** MEDIUM SAND  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 14.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961508933  
**Method Construction Code:** 1  
**Method Construction:** Cable Tool  
**Other Method Construction:**

**Pipe Information**

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Pipe ID:</i>		10579537			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
<b><u>Construction Record - Casing</u></b>					
<i>Casing ID:</i>		930054565			
<i>Layer:</i>		2			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>					
<i>Depth To:</i>		75			
<i>Casing Diameter:</i>		5			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<b><u>Construction Record - Casing</u></b>					
<i>Casing ID:</i>		930054564			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		15			
<i>Casing Diameter:</i>		5			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<i>Pump Test ID:</i>		991508933			
<i>Pump Set At:</i>					
<i>Static Level:</i>		8.0			
<i>Final Level After Pumping:</i>		9.0			
<i>Recommended Pump Depth:</i>					
<i>Pumping Rate:</i>		7.0			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>					
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		0			
<i>Pumping Duration MIN:</i>		10			
<i>Flowing:</i>		No			
<b><u>Water Details</u></b>					
<i>Water ID:</i>		933463643			
<i>Layer:</i>		1			
<i>Kind Code:</i>		1			
<i>Kind:</i>		FRESH			
<i>Water Found Depth:</i>		35.0			
<i>Water Found Depth UOM:</i>		ft			
<b><u>Water Details</u></b>					
<i>Water ID:</i>		933463645			
<i>Layer:</i>		3			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Kind Code:</b>	1				
<b>Kind:</b>	FRESH				
<b>Water Found Depth:</b>	68.0				
<b>Water Found Depth UOM:</b>	ft				
<b><u>Water Details</u></b>					
<b>Water ID:</b>	933463644				
<b>Layer:</b>	2				
<b>Kind Code:</b>	1				
<b>Kind:</b>	FRESH				
<b>Water Found Depth:</b>	42.0				
<b>Water Found Depth UOM:</b>	ft				
<b><u>Water Details</u></b>					
<b>Water ID:</b>	933463646				
<b>Layer:</b>	4				
<b>Kind Code:</b>	1				
<b>Kind:</b>	FRESH				
<b>Water Found Depth:</b>	71.0				
<b>Water Found Depth UOM:</b>	ft				

<a href="#">49</a>	1 of 1	WNW/220.1	57.2 / -7.05	ON	WWIS
<b>Well ID:</b>	1508935			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	6/9/1954
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3566
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1508935.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508935.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 1954/05/28  
**Year Completed:** 1954  
**Depth (m):** 26.5176  
**Latitude:** 45.3759501985126  
**Longitude:** -75.7813645772302  
**Path:** 150\1508935.pdf

**Bore Hole Information**

**Bore Hole ID:** 10030969      **Elevation:** 59.147373  
**DP2BR:** 9.00      **Elevrc:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>	r			<b>East83:</b>	438820.60
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	5025012.00
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	9
<b>Date Completed:</b>	28-May-1954 00:00:00			<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>				<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931010997  
**Layer:** 1  
**Color:**  
**General Color:**  
**Mat1:** 09  
**Most Common Material:** MEDIUM SAND  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 9.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931011000  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 65.0  
**Formation End Depth:** 87.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931010999  
**Layer:** 3  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 55.0  
**Formation End Depth:** 65.0

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931010998			
<b>Layer:</b>		2			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		9.0			
<b>Formation End Depth:</b>		55.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961508935			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10579539			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930054568			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		16			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930054569			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		55			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991508935			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Pump Set At:</b>					
Static Level:		10.0			
Final Level After Pumping:		10.0			
Recommended Pump Depth:					
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<b><u>Water Details</u></b>					
Water ID:		933463650			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		80.0			
Water Found Depth UOM:		ft			
<b><u>Water Details</u></b>					
Water ID:		933463649			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60.0			
Water Found Depth UOM:		ft			

<b>50</b>	1 of 1	<b>NNW/221.9</b>	<b>56.8 / -7.48</b>	<b>ON</b>	<b>WWIS</b>
<b>Well ID:</b>	1508936			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	6/10/1954
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	4216
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>	<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508936.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508936.pdf</a>				

**Additional Detail(s) (Map)**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Well Completed Date:</b>		1954/05/28			
<b>Year Completed:</b>		1954			
<b>Depth (m):</b>		23.4696			
<b>Latitude:</b>		45.3771298645315			
<b>Longitude:</b>		-75.7799759082349			
<b>Path:</b>		150\1508936.pdf			

**Bore Hole Information**

<b>Bore Hole ID:</b>	10030970	<b>Elevation:</b>	59.808856
<b>DP2BR:</b>	8.00	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	r	<b>East83:</b>	438930.60
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	5025142.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	28-May-1954 00:00:00	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	931011002
<b>Layer:</b>	2
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	8.0
<b>Formation End Depth:</b>	77.0
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	931011001
<b>Layer:</b>	1
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	0.0
<b>Formation End Depth:</b>	8.0
<b>Formation End Depth UOM:</b>	ft

**Method of Construction & Well**

**Use**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Method Construction ID:</b>		961508936			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10579540			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930054571			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		77			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930054570			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		12			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991508936			
<b>Pump Set At:</b>					
<b>Static Level:</b>		6.0			
<b>Final Level After Pumping:</b>		12.0			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		10.0			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		2			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933463652			
<b>Layer:</b>		2			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		77.0			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
<b><u>Water Details</u></b>					
Water ID:	933463651				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	60.0				
Water Found Depth UOM:	ft				

<a href="#">51</a>	1 of 1	NW/224.9	52.9 / -11.39	lot 25 con 1 ON	WWIS
<b>Well ID:</b>	1503899		<b>Data Entry Status:</b>		
<b>Construction Date:</b>			<b>Data Src:</b> 1		
<b>Primary Water Use:</b>	Domestic		<b>Date Received:</b> 11/26/1951		
<b>Sec. Water Use:</b>	0		<b>Selected Flag:</b> True		
<b>Final Well Status:</b>	Water Supply		<b>Abandonment Rec:</b>		
<b>Water Type:</b>			<b>Contractor:</b> 4832		
<b>Casing Material:</b>			<b>Form Version:</b> 1		
<b>Audit No:</b>			<b>Owner:</b>		
<b>Tag:</b>			<b>Street Name:</b>		
<b>Construction Method:</b>			<b>County:</b> OTTAWA		
<b>Elevation (m):</b>			<b>Municipality:</b> OTTAWA CITY (NEPEAN)		
<b>Elevation Reliability:</b>			<b>Site Info:</b>		
<b>Depth to Bedrock:</b>			<b>Lot:</b> 025		
<b>Well Depth:</b>			<b>Concession:</b> 01		
<b>Overburden/Bedrock:</b>			<b>Concession Name:</b> OF		
<b>Pump Rate:</b>			<b>Easting NAD83:</b>		
<b>Static Water Level:</b>			<b>Northing NAD83:</b>		
<b>Flowing (Y/N):</b>			<b>Zone:</b>		
<b>Flow Rate:</b>			<b>UTM Reliability:</b>		
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1503899.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503899.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 1949/07/15  
**Year Completed:** 1949  
**Depth (m):** 22.86  
**Latitude:** 45.3767654823947  
**Longitude:** -75.7806094928429  
**Path:** 150\1503899.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	10025942	<b>Elevation:</b>	56.818237
<b>DP2BR:</b>	8.00	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	r	<b>East83:</b>	438880.60
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	5025102.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	15-Jul-1949 00:00:00	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		930997840			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		8.0			
<b>Formation End Depth:</b>		75.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		930997839			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		09			
<b>Most Common Material:</b>		MEDIUM SAND			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		3.0			
<b>Formation End Depth:</b>		8.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		930997838			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		3.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961503899			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					

**Pipe Information**

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Pipe ID:</i>		10574512			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
<b><u>Construction Record - Casing</u></b>					
<i>Casing ID:</i>		930044633			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		9			
<i>Casing Diameter:</i>		5			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<b><u>Construction Record - Casing</u></b>					
<i>Casing ID:</i>		930044634			
<i>Layer:</i>		2			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>					
<i>Depth To:</i>		75			
<i>Casing Diameter:</i>		5			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<i>Pump Test ID:</i>		991503899			
<i>Pump Set At:</i>					
<i>Static Level:</i>		8.0			
<i>Final Level After Pumping:</i>					
<i>Recommended Pump Depth:</i>					
<i>Pumping Rate:</i>					
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>					
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>					
<i>Water State After Test:</i>					
<i>Pumping Test Method:</i>					
<i>Pumping Duration HR:</i>					
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>		No			
<b><u>Water Details</u></b>					
<i>Water ID:</i>		933456920			
<i>Layer:</i>		1			
<i>Kind Code:</i>		1			
<i>Kind:</i>		FRESH			
<i>Water Found Depth:</i>		30.0			
<i>Water Found Depth UOM:</i>		ft			
<b><u>Water Details</u></b>					
<i>Water ID:</i>		933456921			
<i>Layer:</i>		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Kind Code:</b>	1				
<b>Kind:</b>	FRESH				
<b>Water Found Depth:</b>	48.0				
<b>Water Found Depth UOM:</b>	ft				
<b><u>Water Details</u></b>					
<b>Water ID:</b>	933456923				
<b>Layer:</b>	4				
<b>Kind Code:</b>	1				
<b>Kind:</b>	FRESH				
<b>Water Found Depth:</b>	73.0				
<b>Water Found Depth UOM:</b>	ft				
<b><u>Water Details</u></b>					
<b>Water ID:</b>	933456922				
<b>Layer:</b>	3				
<b>Kind Code:</b>	1				
<b>Kind:</b>	FRESH				
<b>Water Found Depth:</b>	60.0				
<b>Water Found Depth UOM:</b>	ft				
<a href="#"><u>52</u></a>	1 of 1	ENE/225.2	69.9 / 5.61	OTTAWA CITY COMPTON AVE/ANTHONY AVE/BYRON OTTAWA CITY ON	CA
<b>Certificate #:</b>	3-1098-96-				
<b>Application Year:</b>	96				
<b>Issue Date:</b>	9/24/1996				
<b>Approval Type:</b>	Municipal sewage				
<b>Status:</b>	Approved				
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#"><u>53</u></a>	1 of 1	SE/226.0	70.9 / 6.61	ON	WWIS
<b>Well ID:</b>	1507779				
<b>Construction Date:</b>				<b>Data Entry Status:</b>	
<b>Primary Water Use:</b>	Domestic			<b>Data Src:</b>	1
<b>Sec. Water Use:</b>	0			<b>Date Received:</b>	3/26/1951
<b>Final Well Status:</b>	Water Supply			<b>Selected Flag:</b>	True
<b>Water Type:</b>				<b>Abandonment Rec:</b>	
<b>Casing Material:</b>				<b>Contractor:</b>	3718
<b>Audit No:</b>				<b>Form Version:</b>	1
<b>Tag:</b>				<b>Owner:</b>	
<b>Construction Method:</b>				<b>Street Name:</b>	
<b>Elevation (m):</b>				<b>County:</b>	OTTAWA
<b>Elevation Reliability:</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Depth to Bedrock:</b>				<b>Site Info:</b>	
<b>Well Depth:</b>				<b>Lot:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession:</b>	
<b>Pump Rate:</b>				<b>Concession Name:</b>	
<b>Static Water Level:</b>				<b>Easting NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Northing NAD83:</b>	
				<b>Zone:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Flow Rate:  
Clear/Cloudy:

UTM Reliability:

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1507779.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507779.pdf)

**Additional Detail(s) (Map)**

Well Completed Date: 1951/02/15  
 Year Completed: 1951  
 Depth (m): 28.0416  
 Latitude: 45.3729257346315  
 Longitude: -75.7760855296398  
 Path: 150\1507779.pdf

**Bore Hole Information**

Bore Hole ID:	10029814	Elevation:	73.907005
DP2BR:	2.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	439230.70
Code OB Desc:	Bedrock	North83:	5024672.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	15-Feb-1951 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: 931008006  
 Layer: 1  
 Color: 6  
 General Color: BROWN  
 Mat1: 02  
 Most Common Material: TOPSOIL  
 Mat2:  
 Mat2 Desc:  
 Mat3:  
 Mat3 Desc:  
 Formation Top Depth: 0.0  
 Formation End Depth: 2.0  
 Formation End Depth UOM: ft

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 931008008  
 Layer: 3  
 Color:  
 General Color:  
 Mat1: 15  
 Most Common Material: LIMESTONE  
 Mat2:  
 Mat2 Desc:  
 Mat3:  
 Mat3 Desc:

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation Top Depth:</b>		10.0			
<b>Formation End Depth:</b>		92.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931008007			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		2.0			
<b>Formation End Depth:</b>		10.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961507779			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10578384			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930052294			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		92			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930052293			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		18			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Pump Test ID:** 991507779  
**Pump Set At:**  
**Static Level:** 27.0  
**Final Level After Pumping:** 27.0  
**Recommended Pump Depth:**  
**Pumping Rate:** 4.0  
**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:** 933462025  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 90.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933462024  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 80.0  
**Water Found Depth UOM:** ft

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**Well ID:** 1508044  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:** 0  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:**  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 9/10/1951  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 3718  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** OTTAWA CITY  
**Site Info:**  
**Lot:**  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1508044.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508044.pdf)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Additional Detail(s) (Map)

Well Completed Date: 1951/08/08  
Year Completed: 1951  
Depth (m): 35.9664  
Latitude: 45.3759937115232  
Longitude: -75.7749780429255  
Path: 150\1508044.pdf

Bore Hole Information

Bore Hole ID:	10030079	Elevation:	69.888587
DP2BR:	2.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	439320.70
Code OB Desc:	Bedrock	North83:	5025012.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	08-Aug-1951 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock  
Materials Interval

Formation ID: 931008663  
Layer: 3  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 5.0  
Formation End Depth: 118.0  
Formation End Depth UOM: ft

Overburden and Bedrock  
Materials Interval

Formation ID: 931008661  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 02  
Most Common Material: TOPSOIL  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 2.0  
Formation End Depth UOM: ft

Overburden and Bedrock



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931008662			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		2.0			
<b>Formation End Depth:</b>		5.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961508044			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10578649			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930052814			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		14			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930052815			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		118			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991508044			
<b>Pump Set At:</b>					
<b>Static Level:</b>		20.0			
<b>Final Level After Pumping:</b>		25.0			
<b>Recommended Pump Depth:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Pumping Rate:</b>		3.0			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
 <b><u>Water Details</u></b>					
<b>Water ID:</b>		933462391			
<b>Layer:</b>		5			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		115.0			
<b>Water Found Depth UOM:</b>		ft			
 <b><u>Water Details</u></b>					
<b>Water ID:</b>		933462390			
<b>Layer:</b>		4			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		105.0			
<b>Water Found Depth UOM:</b>		ft			
 <b><u>Water Details</u></b>					
<b>Water ID:</b>		933462388			
<b>Layer:</b>		2			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		72.0			
<b>Water Found Depth UOM:</b>		ft			
 <b><u>Water Details</u></b>					
<b>Water ID:</b>		933462389			
<b>Layer:</b>		3			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		90.0			
<b>Water Found Depth UOM:</b>		ft			
 <b><u>Water Details</u></b>					
<b>Water ID:</b>		933462387			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		30.0			
<b>Water Found Depth UOM:</b>		ft			

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1 of 1

NW/239.8

52.9 / -11.39

ON

[WWIS](#)

Well ID:

1508898

Data Entry Status:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	6/20/1950
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	4216
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1508898.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508898.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 1950/06/10  
**Year Completed:** 1950  
**Depth (m):** 18.288  
**Latitude:** 45.3764918878244  
**Longitude:** -75.7811293731265  
**Path:** 150\1508898.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	10030932	<b>Elevation:</b>	55.793411
<b>DP2BR:</b>	6.00	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	r	<b>East83:</b>	438839.60
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	5025072.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	10-Jun-1950 00:00:00	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	gis
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock Materials Interval**

**Formation ID:** 931010900  
**Layer:** 3  
**Color:**  
**General Color:**  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 9.0

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation End Depth:</b>		60.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931010898			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		6.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931010899			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		6.0			
<b>Formation End Depth:</b>		9.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961508898			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10579502			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930054497			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		60			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<b><u>Construction Record - Casing</u></b>					
Casing ID:	930054496				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	9				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:	991508898				
Pump Set At:					
Static Level:	6.0				
Final Level After Pumping:	8.0				
Recommended Pump Depth:					
Pumping Rate:	30.0				
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:	20				
Flowing:	No				
<b><u>Water Details</u></b>					
Water ID:	933463600				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	60.0				
Water Found Depth UOM:	ft				

<a href="#">56</a>	1 of 1	SE/242.1	70.9 / 6.61	lot 25 con 1 ON	WWIS
Well ID:	1503895		<b>Data Entry Status:</b>		
Construction Date:			<b>Data Src:</b> 1		
Primary Water Use:	Domestic		<b>Date Received:</b> 11/24/1948		
Sec. Water Use:	0		<b>Selected Flag:</b> True		
Final Well Status:	Water Supply		<b>Abandonment Rec:</b>		
Water Type:			<b>Contractor:</b> 4216		
Casing Material:			<b>Form Version:</b> 1		
Audit No:			<b>Owner:</b>		
Tag:			<b>Street Name:</b>		
Construction Method:			<b>County:</b> OTTAWA		
Elevation (m):			<b>Municipality:</b> OTTAWA CITY (NEPEAN)		
Elevation Reliability:			<b>Site Info:</b>		
Depth to Bedrock:			<b>Lot:</b> 025		
Well Depth:			<b>Concession:</b> 01		
Overburden/Bedrock:			<b>Concession Name:</b> OF		
Pump Rate:			<b>Easting NAD83:</b>		
Static Water Level:			<b>Northing NAD83:</b>		

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1503895.pdf			
<b><u>Additional Detail(s) (Map)</u></b>					
<b>Well Completed Date:</b>		1948/10/30			
<b>Year Completed:</b>		1948			
<b>Depth (m):</b>		24.384			
<b>Latitude:</b>		45.3726557193336			
<b>Longitude:</b>		-75.7760818363743			
<b>Path:</b>		150\1503895.pdf			
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>		10025938		<b>Elevation:</b> 74.321128	
<b>DP2BR:</b>		10.00		<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b> 18	
<b>Code OB:</b>		r		<b>East83:</b> 439230.70	
<b>Code OB Desc:</b>		Bedrock		<b>North83:</b> 5024642.00	
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b> 9	
<b>Date Completed:</b>		30-Oct-1948 00:00:00		<b>UTMRC Desc:</b> unknown UTM	
<b>Remarks:</b>				<b>Location Method:</b> p9	
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		930997829			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		09			
<b>Mat2 Desc:</b>		MEDIUM SAND			
<b>Mat3:</b>		13			
<b>Mat3 Desc:</b>		BOULDERS			
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		10.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		930997830			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		10.0			
<b>Formation End Depth:</b>		80.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961503895			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10574508			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930044625			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		80			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930044624			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		10			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991503895			
<b>Pump Set At:</b>					
<b>Static Level:</b>		12.0			
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>					
<b>Water State After Test:</b>					
<b>Pumping Test Method:</b>					
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Water Details</b>					
Water ID:		933456914			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:					
Water Found Depth UOM:		ft			

<a href="#">57</a>	1 of 1	ESE/243.8	70.9 / 6.61	ON	WWIS
Well ID:	1507780			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/29/1951
Sec. Water Use:	0			Selected Flag:	True
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3718
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1507780.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507780.pdf)

**Additional Detail(s) (Map)**

Well Completed Date: 1950/07/10  
Year Completed: 1950  
Depth (m): 30.48  
Latitude: 45.3731992196432  
Longitude: -75.775578427072  
Path: 150\1507780.pdf

**Bore Hole Information**

Bore Hole ID:	10029815	Elevation:	74.844650
DP2BR:	10.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	439270.70
Code OB Desc:	Bedrock	North83:	5024702.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10-Jul-1950 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:			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931008010			
<b>Layer:</b>		2			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>		26			
<b>Mat2 Desc:</b>		ROCK			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		10.0			
<b>Formation End Depth:</b>		100.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931008009			
<b>Layer:</b>		1			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		10.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961507780			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10578385			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930052295			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		15			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Construction Record - Casing</u></b>					
Casing ID:			930052296		
Layer:			2		
Material:			4		
Open Hole or Material:			OPEN HOLE		
Depth From:					
Depth To:			100		
Casing Diameter:			4		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:			991507780		
Pump Set At:					
Static Level:			25.0		
Final Level After Pumping:			38.0		
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:			2		
Pumping Duration MIN:			30		
Flowing:			No		
<b><u>Water Details</u></b>					
Water ID:			933462026		
Layer:			1		
Kind Code:			1		
Kind:			FRESH		
Water Found Depth:			100.0		
Water Found Depth UOM:			ft		
<b>58</b>	<b>1 of 1</b>	<b>E/245.3</b>	<b>70.9 / 6.61</b>	<b>ON</b>	<b>BORE</b>
Borehole ID:	611020			Inclin FLG:	No
OGF ID:	215512529			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	JAN-1951			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.374061
Total Depth m:	28			Longitude DD:	-75.774825
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	439331
Drill Method:				Northing:	5024797
Orig Ground Elev m:	70.1			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	75.3				
Concession:					
Location D:					
Survey D:					

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

**Borehole Geology Stratum**

**Geology Stratum ID:** 218387251  
**Top Depth:** 1.8  
**Bottom Depth:** 28  
**Material Color:** White  
**Material 1:** Limestone  
**Material 2:**  
**Material 3:**  
**Material 4:**  
**Gsc Material Description:**  
**Stratum Description:** LIMESTONE. 00060MESTONE, SHALE. LIMESTONE. WHITE. 00075AVEL. DENSE. SILT, SAND, CLAY. DE  
 \*\*Note: Many records provided by the department have a truncated [Stratum Description] field.

**Mat Consistency:** Dense  
**Material Moisture:**  
**Material Texture:**  
**Non Geo Mat Type:**  
**Geologic Formation:**  
**Geologic Group:**  
**Geologic Period:**  
**Depositional Gen:**

**Geology Stratum ID:** 218387250  
**Top Depth:** 0  
**Bottom Depth:** 1.8  
**Material Color:**  
**Material 1:** Clay  
**Material 2:**  
**Material 3:**  
**Material 4:**  
**Gsc Material Description:**  
**Stratum Description:** CLAY.

**Mat Consistency:**  
**Material Moisture:**  
**Material Texture:**  
**Non Geo Mat Type:**  
**Geologic Formation:**  
**Geologic Group:**  
**Geologic Period:**  
**Depositional Gen:**

**Source**

**Source Type:** Data Survey  
**Source Orig:** Geological Survey of Canada  
**Source Date:** 1956-1972  
**Confidence:**  
**Observatio:**  
**Source Name:** Urban Geology Automated Information System (UGAIS)  
**Source Details:** File: OTTAWA1.txt RecordID: 03528 NTS\_Sheet:  
**Confiden 1:**

**Source Appl:** Spatial/Tabular  
**Source Iden:** 1  
**Scale or Res:** Varies  
**Horizontal:** NAD27  
**Verticalda:** Mean Average Sea Level

**Source List**

**Source Identifier:** 1  
**Source Type:** Data Survey  
**Source Date:** 1956-1972  
**Scale or Resolution:** Varies  
**Source Name:** Urban Geology Automated Information System (UGAIS)  
**Source Originators:** Geological Survey of Canada

**Horizontal Datum:** NAD27  
**Vertical Datum:** Mean Average Sea Level  
**Projection Name:** Universal Transverse Mercator

**59**      **1 of 1**      **E/245.4**      **70.9 / 6.61**      **ON**      **WWIS**

**Well ID:** 1507805  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:** 0  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:**  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 2/27/1951  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 4216  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** OTTAWA CITY  
**Site Info:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
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**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Lot:**  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1507805.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507805.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 1951/01/11  
**Year Completed:** 1951  
**Depth (m):** 28.0416  
**Latitude:** 45.3740594685237  
**Longitude:** -75.774823909681  
**Path:** 150\1507805.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	10029840	<b>Elevation:</b>	75.298385
<b>DP2BR:</b>	6.00	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	r	<b>East83:</b>	439330.70
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	5024797.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	11-Jan-1951 00:00:00	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock Materials Interval**

**Formation ID:** 931008075  
**Layer:** 2  
**Color:**  
**General Color:**  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 6.0  
**Formation End Depth:** 92.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock Materials Interval**

**Formation ID:** 931008074  
**Layer:** 1  
**Color:**  
**General Color:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		6.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961507805			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10578410			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930052345			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		92			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930052344			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		11			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991507805			
<b>Pump Set At:</b>					
<b>Static Level:</b>		15.0			
<b>Final Level After Pumping:</b>		19.0			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		7.0			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		0			
<b>Pumping Duration MIN:</b>		20			
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933462065			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		60.0			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933462066			
<b>Layer:</b>		2			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		92.0			
<b>Water Found Depth UOM:</b>		ft			

<a href="#">60</a>	1 of 1	E/248.5	70.9 / 6.61	Enbridge Energy Distribution Inc. 220 Compton Ave Ottawa ON	SPL
<b>Ref No:</b>	1841-B5PTTF			<b>Discharger Report:</b>	
<b>Site No:</b>	NA			<b>Material Group:</b>	
<b>Incident Dt:</b>	2018/10/19			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	Corporation
<b>Incident Cause:</b>				<b>Sector Type:</b>	Unknown / N/A
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	35			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	NATURAL GAS (METHANE)			<b>Site Address:</b>	220 Compton Ave
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Ottawa
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>	1075			<b>Site Region:</b>	Eastern
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Ottawa
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Air			<b>Northing:</b>	
<b>MOE Response:</b>	No			<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2018/10/19			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
<b>Incident Reason:</b>	Operator/Human Error			<b>Source Type:</b>	Pipeline/Components
<b>Site Name:</b>	Residential<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	TSSA FSB: T25 Gas meter strike, made safe				
<b>Contaminant Qty:</b>	0 L				

# Unplottable Summary

Total: **24** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Richmond Road	Ottawa ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	NON-PROFIT HOUSING CORPORATION	RICHMOND RD.NON-PROFIT HOUSING	OTTAWA CITY ON	
CA	OTTAWA CITY	BYRON AVENUE	OTTAWA CITY ON	
CA	NON PROFIT HOUSING CORPORATION	PRIVATE (ON SITE) RICHMOND ST.	OTTAWA CITY ON	
CA		Lot 25 & 26, Concession 1	Ottawa ON	
CA		Lot 25 & 26, Concession 1	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	Bourke Family Development Inc.	Byron Ave Registered Plan No. 204	Ottawa ON	
CA	Paul and Elena Lungu	Ward 7	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	CITY	BYRON AVE.	OTTAWA ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	OTTAWA CITY	POOLER AVE. P.S.	OTTAWA CITY ON	
GEN	Kiewit-Eurovia-Vinci, Ottawa Partnership	Byron/New Orchard Street	Ottawa ON	K2B 6T6
GEN	Kiewit Eurovia Vinci	BR04	Ottawa ON	K1J7N8

GEN	Kiewit Eurovia Vinci	Cleary Station Richmond Road	Ottawa ON	K2A 0G6
GEN	NATIONAL CAPITAL COMMISSION	LOT 25,26,27	OTTAWA ON	K1P 1C7
RSC		Pt. Lots 25, 26, 27, Conc 1, Ottawa Front, Former CPR R/W, (Near Richmond R.),	Ottawa ON	
SPL	Hydro-Ottawa	Richmond	Ottawa ON	
SPL		Richmond	Ottawa ON	
SPL	TEXACO	RICHMOND RD. SERVICE STATION	OTTAWA CITY ON	
WWIS		lot 25	ON	



# Unplottable Report

---

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

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

---

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

**Certificate #:** 3-0159-96-  
**Application Year:** 96  
**Issue Date:** 4/1/1996  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

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

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

---

**Site:** *OTTAWA CITY BYRON AVENUE OTTAWA CITY ON* **Database:** *CA*

**Certificate #:** 3-1320-88-

**Application Year:** 88  
**Issue Date:** 8/5/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **NON PROFIT HOUSING CORPORATION**  
**PRIVATE (ON SITE) RICHMOND ST. OTTAWA CITY ON**

**Database:**  
**CA**

**Certificate #:** 3-1118-87-  
**Application Year:** 87  
**Issue Date:** 7/7/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **Lot 25 & 26, Concession 1 Ottawa ON**

**Database:**  
**CA**

**Certificate #:** 6524-4QHTM6  
**Application Year:** 00  
**Issue Date:** 10/30/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** 1270449 Ontario Inc.  
**Client Address:** 1187 Bank Street  
**Client City:** Ottawa  
**Client Postal Code:** K1S 3X7  
**Project Description:** storm sewers construction on Saundres Ave; sanitary sewers construction on Pooler Ave, Orvigale Road, Porter St.  
**Contaminants:**  
**Emission Control:**

---

**Site:** **Lot 25 & 26, Concession 1 Ottawa ON**

**Database:**  
**CA**

**Certificate #:** 3510-4QHTRG  
**Application Year:** 00  
**Issue Date:** 10/30/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** 1270449 Ontario Inc.  
**Client Address:** 1187 Bank Street  
**Client City:** Ottawa  
**Client Postal Code:** K1S 3X7  
**Project Description:** watermain construction on pooler ave, orvigale road, porter st.  
**Contaminants:**  
**Emission Control:**

---

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

**Database:**  
CA

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

---

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

**Database:**  
CA

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

---

**Site:** Paul and Elena Lungu  
Ward 7 Ottawa ON

**Database:**  
CA

**Certificate #:** 5314-87HL8C  
**Application Year:** 2010  
**Issue Date:** 8/3/2010  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

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

**Database:**  
CA

**Certificate #:** 6859-5X8K46  
**Application Year:** 2004  
**Issue Date:** 3/23/2004  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**

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

---

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

**Database:**  
CA

**Certificate #:** 7893-5NLQJH  
**Application Year:** 2003  
**Issue Date:** 6/18/2003  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

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

**Database:**  
CA

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

---

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

**Database:**  
CA

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

---

**Site:** OTTAWA CITY  
POOLER AVE. P.S. OTTAWA CITY ON

**Database:**  
CA

**Certificate #:** 3-1879-89-

**Application Year:** 89  
**Issue Date:** 9/28/1989  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Kiewit-Eurovia-Vinci, Ottawa Partnership*  
*Byron/New Orchard Street Ottawa ON K2B 6T6*

**Database:**  
[GEN](#)

**Generator No:** ON7962034  
**Status:** Registered  
**Approval Years:** As of Apr 2021  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:**  
**SIC Description:**

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

**Detail(s)**

**Waste Class:** 146 L  
**Waste Class Desc:** Other specified inorganic sludges, slurries or solids

**Waste Class:** 221 L  
**Waste Class Desc:** Light fuels

---

**Site:** *Kiewit Eurovia Vinci*  
*BR04 Ottawa ON K1J7N8*

**Database:**  
[GEN](#)

**Generator No:** ON2560448  
**Status:** Registered  
**Approval Years:** As of Apr 2021  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:**  
**SIC Description:**

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

**Detail(s)**

**Waste Class:** 150 L  
**Waste Class Desc:** Inert organic wastes

**Waste Class:** 146 C  
**Waste Class Desc:** Other specified inorganic sludges, slurries or solids

---

**Site:** *Kiewit Eurovia Vinci*  
*Cleary Station Richmond Road Ottawa ON K2A 0G6*

**Database:**  
[GEN](#)

**Generator No:** ON6388739  
**Status:** Registered  
**Approval Years:** As of Apr 2021  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:**  
**SIC Description:**

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

**Detail(s)**

**Waste Class:** 146 L  
**Waste Class Desc:** Other specified inorganic sludges, slurries or solids

**Waste Class:** 251 L  
**Waste Class Desc:** Waste oils/sludges (petroleum based)

**Waste Class:** 221 L  
**Waste Class Desc:** Light fuels

---

**Site:** NATIONAL CAPITAL COMMISSION  
LOT 25,26,27 OTTAWA ON K1P 1C7

**Database:**  
GEN

**Generator No:** ON9920165  
**Status:**  
**Approval Years:** 2010  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 712190  
**SIC Description:** Other Heritage Institutions

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

**Detail(s)**

**Waste Class:** 221  
**Waste Class Desc:** LIGHT FUELS

---

**Site:** Pt. Lots 25, 26, 27, Conc 1, Ottawa Front, Former CPR R/W, (Near Richmond R.), Ottawa ON

**Database:**  
RSC

**RSC ID:**  
**RA No:**  
**RSC Type:**  
**Curr Property Use:**  
**Ministry District:** Guelph  
**Filing Date:** 06/02/99  
**Date Ack:** 06/02/99  
**Date Returned:**  
**Restoration Type:** Generic  
**Soil Type:** Fine  
**Criteria:** Ind/comm, potable  
**CPU Issued Sect 1686:**  
**Asmt Roll No:**  
**Prop ID No (PIN):**  
**Property Municipal Address:**  
**Mailing Address:**  
**Latitude & Latitude:**  
**UTM Coordinates:**  
**Consultant:** Trow Consulting  
**Legal Desc:**  
**Measurement Method:**  
**Applicable Standards:**  
**RSC PDF:**

**Cert Date:**  
**Cert Prop Use No:**  
**Intended Prop Use:**  
**Qual Person Name:**  
**Stratified (Y/N):** N  
**Audit (Y/N):** N  
**Entire Leg Prop. (Y/N):**  
**Accuracy Estimate:**  
**Telephone:**  
**Fax:**  
**Email:**

---

**Site:** Hydro-Ottawa  
Richmond Ottawa ON

**Database:**  
SPL

**Ref No:** 3852-5V7S7N  
**Site No:**  
**Incident Dt:** 11/6/2003  
**Year:**  
**Incident Cause:** Cooling System Leak  
**Incident Event:**  
**Contaminant Code:** 13  
**Contaminant Name:** MINERAL OIL  
**Contaminant Limit 1:**

**Discharger Report:**  
**Material Group:** Oil  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Transformer  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:** Ottawa

**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Confirmed  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 1/14/2004  
**Dt Document Closed:**  
**Incident Reason:** Unknown - Reason not determined  
**Site Name:** CORNER OF CHANNONHOUSE RD AND DALLAIRE RD<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** Hydro Ottawa - non PCB- 100 L Xformer oil  
**Contaminant Qty:** 100 L

**Site Postal Code:**  
**Site Region:** Eastern  
**Site Municipality:** Ottawa  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** Spill to Land  
**Source Type:**

**Site:** **Richmond Ottawa ON** **Database:** **SPL**

**Ref No:** 6637-67GQEZ  
**Site No:**  
**Incident Dt:** 8/6/2004  
**Year:**  
**Incident Cause:**  
**Incident Event:**  
**Contaminant Code:** 13  
**Contaminant Name:** FURNACE OIL  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Not Anticipated  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 12/8/2004  
**Dt Document Closed:**  
**Incident Reason:**  
**Site Name:** 6570 FRANKTOWN RD<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** 6570 Franktown Rd - furnace oil spill  
**Contaminant Qty:**

**Discharger Report:**  
**Material Group:** Oil  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:** Ottawa  
**Site Postal Code:**  
**Site Region:** Eastern  
**Site Municipality:** Ottawa  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** Notification  
**Source Type:**

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

**Ref No:** 14431  
**Site No:**  
**Incident Dt:** 2/2/1989  
**Year:**  
**Incident Cause:** OTHER CAUSE (N.O.S.)  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** NOT ANTICIPATED  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 20101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**

**MOE Reported Dt:** 2/2/1989  
**Dt Document Closed:**  
**Incident Reason:** ERROR  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:**  
**Contaminant Qty:**

**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** lot 25 ON

**Database:**  
WWIS

**Well ID:** 1523747  
**Construction Date:**  
**Primary Water Use:** Industrial  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 49862  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 8/4/1989  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** OTTAWA CITY  
**Site Info:**  
**Lot:** 025  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10045521  
**DP2BR:** 32.00  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 12-Jun-1989 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931055593  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 82  
**Mat2 Desc:** SHALY  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 32.0



**Formation End Depth:** 250.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931055592  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 32.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961523747  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10594091  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930079667  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 36  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930079668  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 250  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991523747  
**Pump Set At:**  
**Static Level:** 19.0

**Final Level After Pumping:** 100.0  
**Recommended Pump Depth:** 100.0  
**Pumping Rate:** 14.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 14.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934390332  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 100.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934651310  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 100.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934908516  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 100.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934106105  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 100.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933482123  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 225.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933482122  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 60.0  
**Water Found Depth UOM:** ft

# Appendix: Database Descriptions

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

## **Abandoned Aggregate Inventory:**

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\*

**Government Publication Date: Sept 2002\***

## **Aggregate Inventory:**

Provincial [AGR](#)

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

**Government Publication Date: Up to Sep 2020**

## **Abandoned Mine Information System:**

Provincial [AMIS](#)

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

**Government Publication Date: 1800-Oct 2018**

## **Anderson's Waste Disposal Sites:**

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1860s-Present**

## **Aboveground Storage Tanks:**

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

**Government Publication Date: May 31, 2014**

## **Automobile Wrecking & Supplies:**

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

**Government Publication Date: 1999-Dec 31, 2020**

## **Borehole:**

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

**Government Publication Date: 1875-Jul 2018**

**Certificates of Approval:**

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

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

**Dry Cleaning Facilities:**

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

**Government Publication Date: Jan 2004-Dec 2018**

**Commercial Fuel Oil Tanks:**

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: May 31, 2021**

**Chemical Manufacturers and Distributors:**

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

**Government Publication Date: 1999-Jan 31, 2020**

**Chemical Register:**

Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

**Government Publication Date: 1999-Dec 31, 2020**

**Compressed Natural Gas Stations:**

Private CNG

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

**Government Publication Date: Dec 2012 -Apr 2021**

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

Provincial COAL

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

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

**Compliance and Convictions:**

Provincial CONV

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

**Government Publication Date: 1989-Jul 2021**

**Certificates of Property Use:**

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

**Government Publication Date: 1994- Jul 31, 2021**

**Drill Hole Database:**

Provincial [DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

**Government Publication Date: 1886 - Sep 2020**

**Delisted Fuel Tanks:**

Provincial [DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

**Government Publication Date: May 31, 2021**

**Environmental Activity and Sector Registry:**

Provincial [EASR](#)

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

**Government Publication Date: Oct 2011- Jun 30, 2021**

**Environmental Registry:**

Provincial [EBR](#)

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

**Government Publication Date: 1994- Jul 31, 2021**

**Environmental Compliance Approval:**

Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

**Government Publication Date: Oct 2011- Jun 30, 2021**

**Environmental Effects Monitoring:**

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**

Private [EHS](#)

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

**Government Publication Date: 1999-Jun 30, 2021**

**Environmental Issues Inventory System:**

Federal [EIIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

**Government Publication Date: 1992-2001\***

**Emergency Management Historical Event:**

Provincial **EMHE**

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

**Government Publication Date: Dec 31, 2016**

**Environmental Penalty Annual Report:**

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land / 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 Expired Fuels Safety Facilities:**

Provincial **EXP**

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

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

**Government Publication Date: Jul 31, 2020**

**Federal Convictions:**

Federal **FCON**

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal **FCS**

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

**Government Publication Date: Jun 2000-Apr 2021**

**Fisheries & Oceans Fuel Tanks:**

Federal **FOFT**

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1964-Sep 2019**

**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal **FRST**

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

**Government Publication Date: May 31, 2018**

**Fuel Storage Tank:**

Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

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

**Government Publication Date: Jul 31, 2020**

**Fuel Storage Tank - Historic:**

Provincial

[FSTH](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

[GEN](#)

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

**Government Publication Date: 1986-Apr 30, 2021**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

[GHG](#)

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

**Government Publication Date: 2013-Dec 2019**

**TSSA Historic Incidents:**

Provincial

[HINC](#)

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

[IAFT](#)

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1950-Aug 2003\***

**Fuel Oil Spills and Leaks:**

Provincial

[INC](#)

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

**Government Publication Date: May 31, 2021**

**Landfill Inventory Management Ontario:**

Provincial

[LIMO](#)

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Feb 28, 2019**

**Canadian Mine Locations:**

Private

[MINE](#)

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

**Government Publication Date: 1998-2009\***

**Mineral Occurrences:**

Provincial

[MNR](#)

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

**Government Publication Date: 1846-Dec 2020**

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

Federal

[NATE](#)

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial

[NCPL](#)

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

**Government Publication Date: Dec 31, 2019**

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

Federal

[NDFT](#)

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

**Government Publication Date: Up to May 2001\***

**National Defense & Canadian Forces Spills:**

Federal

[NDSP](#)

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

**Government Publication Date: Mar 1999-Apr 2018**

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal

[NDWD](#)

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

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

**National Energy Board Pipeline Incidents:**

Federal

[NEBI](#)

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

**Government Publication Date: 2008-Mar 31, 2021**

**National Energy Board Wells:**

Federal

[NEBP](#)

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

**Government Publication Date: 1920-Feb 2003\***



**National Environmental Emergencies System (NEES):**

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

**Government Publication Date: 1974-2003\***

**National PCB Inventory:**

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

**Government Publication Date: 1988-2008\***

**National Pollutant Release Inventory:**

Federal

NPRI

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

**Government Publication Date: 1993-May 2017**

**Oil and Gas Wells:**

Private

OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at [www.nickles.com](http://www.nickles.com).

**Government Publication Date: 1988-Feb 28, 2021**

**Ontario Oil and Gas Wells:**

Provincial

OOGW

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

**Government Publication Date: 1800-Jun 2020**

**Inventory of PCB Storage Sites:**

Provincial

OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

**Government Publication Date: 1987-Oct 2004; 2012-Dec 2013**

**Orders:**

Provincial

ORD

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

**Government Publication Date: 1994-Jul 31, 2021**

**Canadian Pulp and Paper:**

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

**Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**

**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

**Government Publication Date: 1920-Jan 2005\***

<b><u>Pesticide Register:</u></b>	Provincial	<b>PES</b>
The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.		
<b>Government Publication Date: Oct 2011- Jun 30, 2021</b>		
<b><u>Pipeline Incidents:</u></b>	Provincial	<b>PINC</b>
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.		
<b>Government Publication Date: May 31, 2021</b>		
<b><u>Private and Retail Fuel Storage Tanks:</u></b>	Provincial	<b>PRT</b>
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).		
<b>Government Publication Date: 1989-1996*</b>		
<b><u>Permit to Take Water:</u></b>	Provincial	<b>PTTW</b>
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.		
<b>Government Publication Date: 1994- Jul 31, 2021</b>		
<b><u>Ontario Regulation 347 Waste Receivers Summary:</u></b>	Provincial	<b>REC</b>
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.		
<b>Government Publication Date: 1986-1990, 1992-2018</b>		
<b><u>Record of Site Condition:</u></b>	Provincial	<b>RSC</b>
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).		
<b>Government Publication Date: 1997-Sept 2001, Oct 2004-Jul 2021</b>		
<b><u>Retail Fuel Storage Tanks:</u></b>	Private	<b>RST</b>
This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.		
<b>Government Publication Date: 1999-Dec 31, 2020</b>		
<b><u>Scott's Manufacturing Directory:</u></b>	Private	<b>SCD</b>
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.		
<b>Government Publication Date: 1992-Mar 2011*</b>		
<b><u>Ontario Spills:</u></b>	Provincial	<b>SPL</b>
List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part 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.		
<b>Government Publication Date: 1988-Aug 2020</b>		

**Wastewater Discharger Registration Database:**

Provincial [SRDS](#)

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

**Government Publication Date: 1990-Dec 31, 2018**

**Anderson's Storage Tanks:**

Private [TANK](#)

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1915-1953\***

**Transport Canada Fuel Storage Tanks:**

Federal [TCFT](#)

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

**Government Publication Date: 1970 - Dec 2020**

**Variations for Abandonment of Underground Storage Tanks:**

Provincial [VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

**Government Publication Date: May 31, 2021**

**Waste Disposal Sites - MOE CA Inventory:**

Provincial [WDS](#)

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

**Government Publication Date: Oct 2011- Jun 30, 2021**

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

Provincial [WDSH](#)

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

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial [WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

**Government Publication Date: Apr 30, 2021**

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

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

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



---

# HISTORICAL AERIALS

**Project Property:** 1047 Richmond Road  
1047 Richmond Road  
Ottawa ON K2B 6R1

**Project No:** 21494078

**Requested By:** Golder Associates Ltd.

**Order No:** 21083000552

**Date Completed:** September 09, 2021

<b>Decade</b>	<b>Year</b>	<b>Image Scale</b>	<b>Source</b>
1940	1946	15000	NAPL
1950	1959	15000	NAPL
1960	1965	10000	City of Ottawa
1970	1976	10000	City of Ottawa
1980	1980	25000	NAPL
1990	1999	10000	City of Ottawa

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## **Environmental Risk Information Services**

*A division of Glacier Media Inc.*

1.866.517.5204 | [info@erisinfo.com](mailto:info@erisinfo.com) | [erisinfo.com](http://erisinfo.com)



0 0.125 0.25 0.5  
Kilometers

Order Number: 21083000552

Year: 1946  
Source: NAPL  
Map Scale: 1: 10000  
Comments:





0 0.125 0.25 0.5  
Kilometers

Order Number: 21083000552

Year: 1959  
Source: NAPL  
Map Scale: 1: 10000  
Comments:







0 0.125 0.25 0.5  
Kilometers

Order Number: 21083000552

Year: 1965  
Source: City of Ottawa  
Map Scale: 1: 10000  
Comments:





0 0.125 0.25 0.5  
Kilometers

Order Number: 21083000552

Year: 1976  
Source: City of Ottawa  
Map Scale: 1: 10000  
Comments:





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Kilometers

Order Number: 21083000552

Year: 1980  
Source: NAPL  
Map Scale: 1: 10000  
Comments:



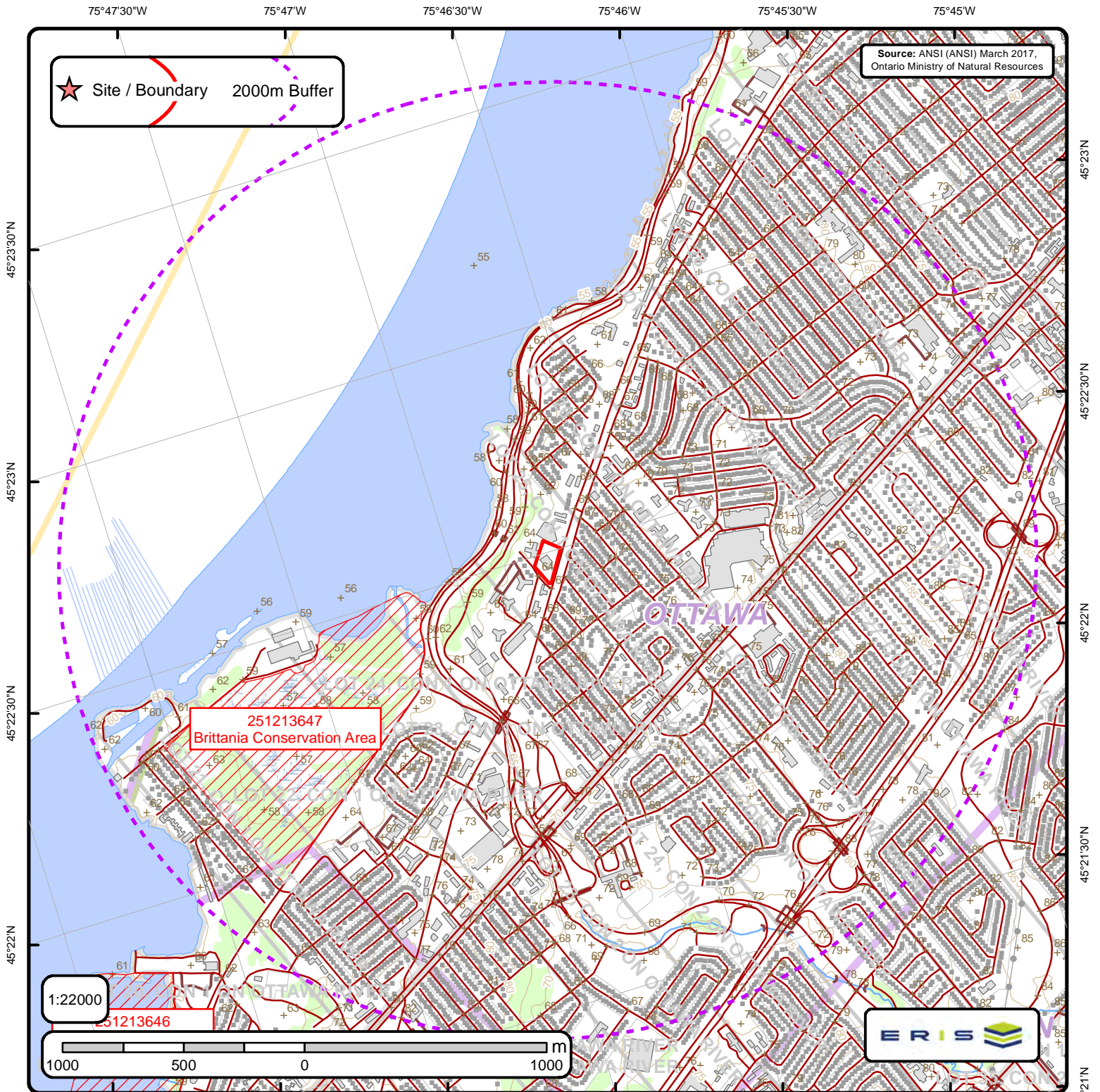


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Kilometers

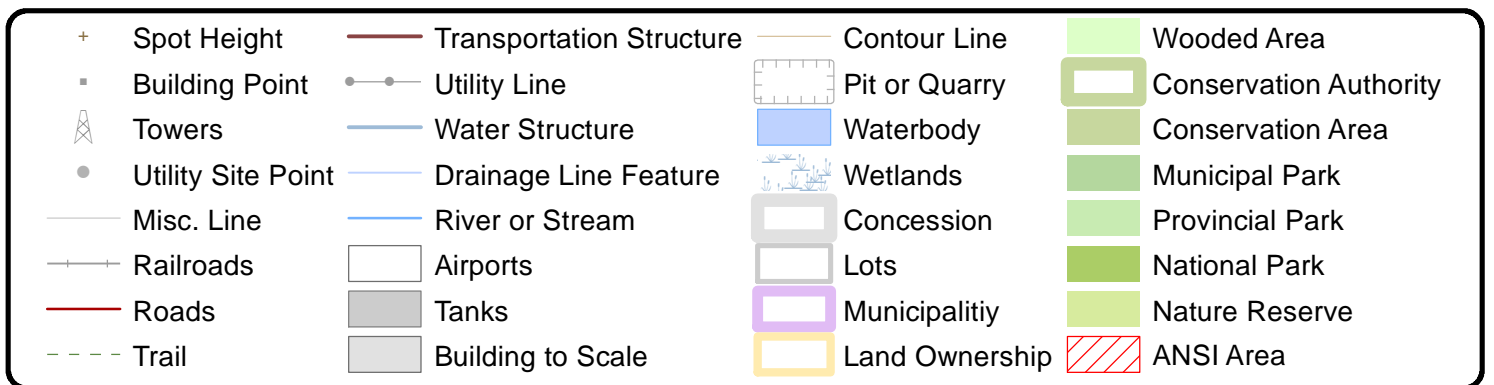
Order Number: 21083000552

Year: 1999  
Source: City of Ottawa  
Map Scale: 1: 10000  
Comments:





## Area of Natural & Scientific Interest (ANSI) Order No. 21083000552





# ANSI Report

ANSI Units Found within 2000 m of  
1047 Richmond Road

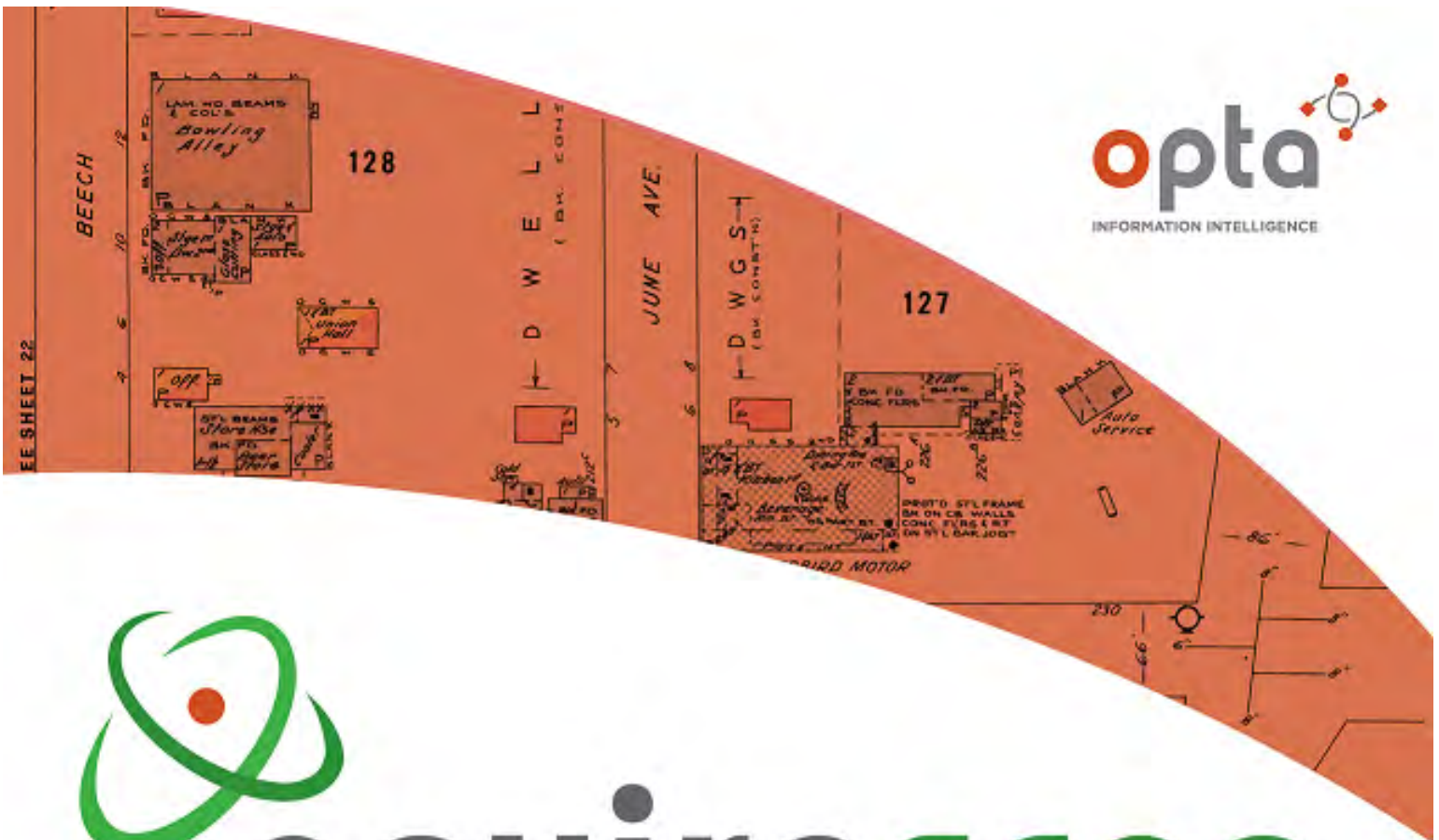
Page 1  
Order No.  
21083000552



**ANSI Name:** Britannia Conservation Area

**ID:** 251213647 | **Type:** Candidate ANSI, Life Science | **Significance:** Provincial | **Management Plan:** No | **Area (sqm):** 614082.75 |

**Comments:**



# enviroscan



An SCM Company

175 Commerce Valley Drive W  
Markham, Ontario L3T 7Z3

T: 905-882-6300  
W: [www.optaintel.ca](http://www.optaintel.ca)

Report Completed By:

Sunita

Site Address:

1047 Richmond Road Ottawa Ont

Project No:

21083000552

Opta Order ID:

95490

Requested by:  
Eleanor Goolab  
ERIS

Date Completed:  
9/9/2021 12:32:03 PM



The blue-coloured flags represent inspection reports below that are hyperlinked to their location in this document.

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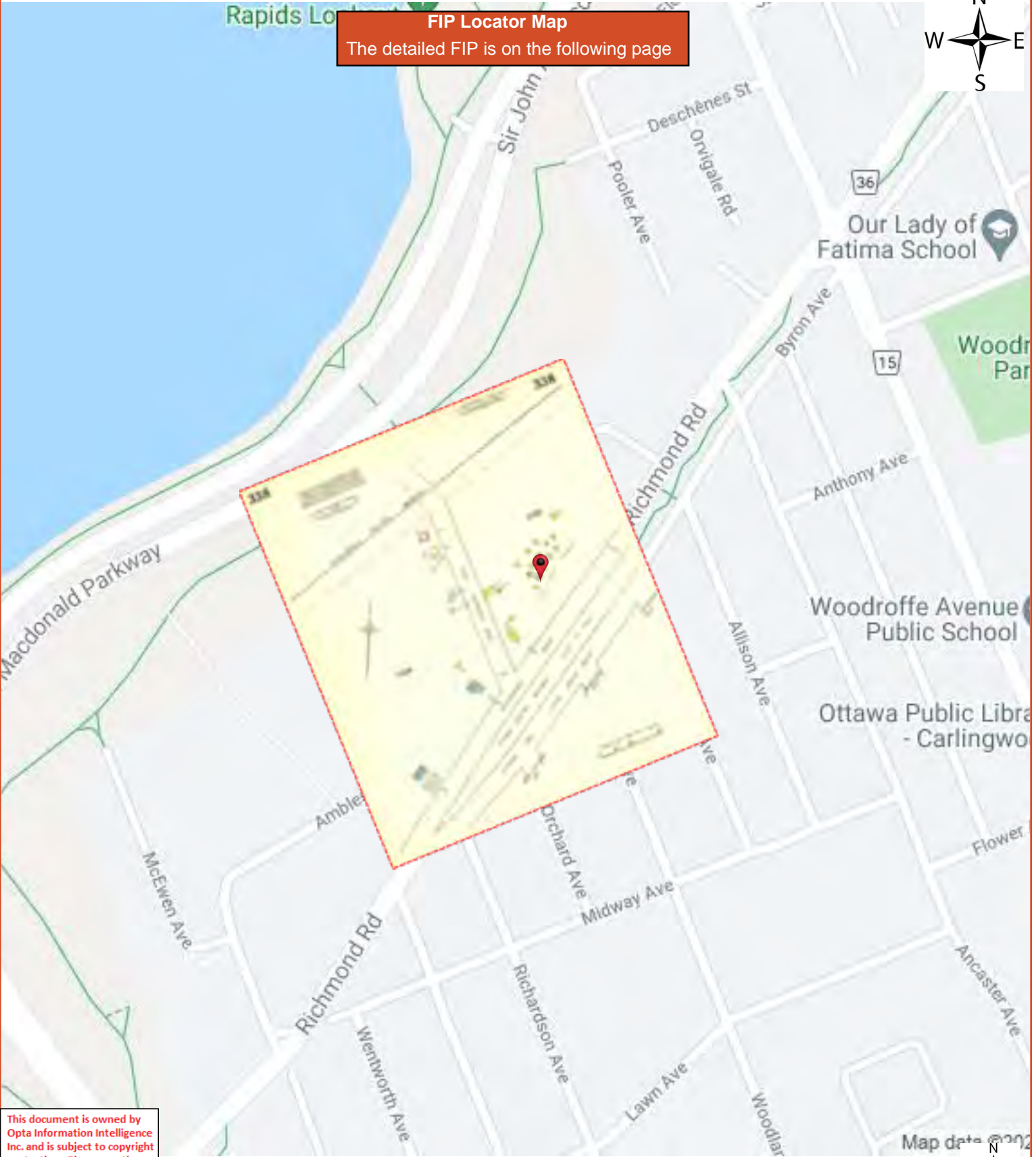
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Markham, Ontario  
L3T 7Z3

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Page	Report Title
6	(1965) Volume: Ottawa Volume 3 Firemap: 338
8	Volume: Ottawa Firemap: 339
10	Volume: Ottawa Firemap: 340
12	Volume: Ottawa Firemap: 340
13	(1994) Multirisk Report - 1994 METRO PLYMOUTH CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B 6R1 Reference No: 10681262 (distance = 98 metres*)
25	(1976) Siteplan Report - 1976 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)
27	(1982) COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM Report - 1982 505432 ONTARIO LTD 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)
31	(1976) SURVEY FOR RATING FIRE RESISTIVE RISK Report - 1976 AUTO DETAILING 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)
35	(1982) COMMERCIAL PROPERTY FIRE RATING FORM Report - 1982 METRO CHRYSLER 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)





**FIP Locator Map**  
The detailed FIP is on the following page



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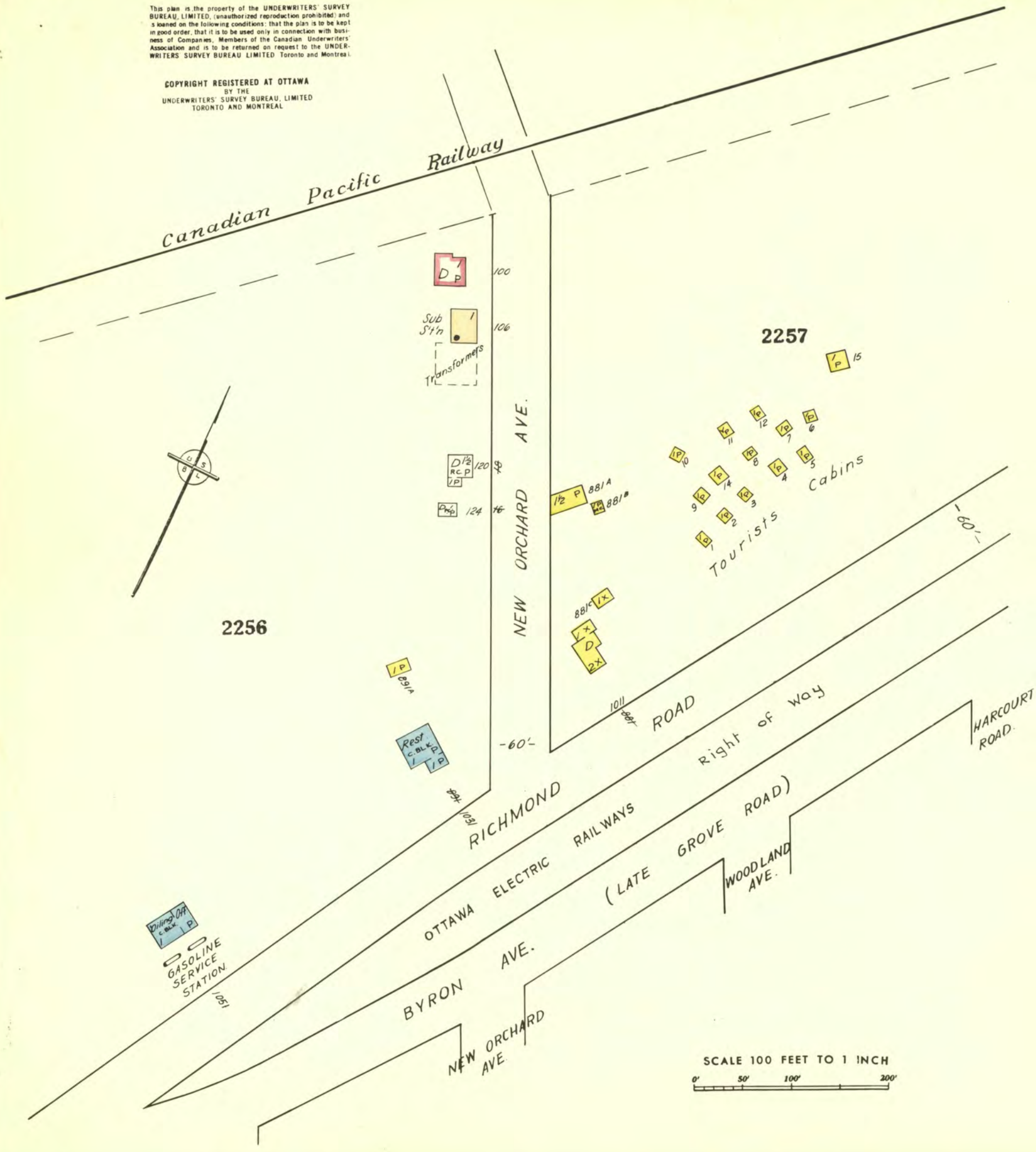
338

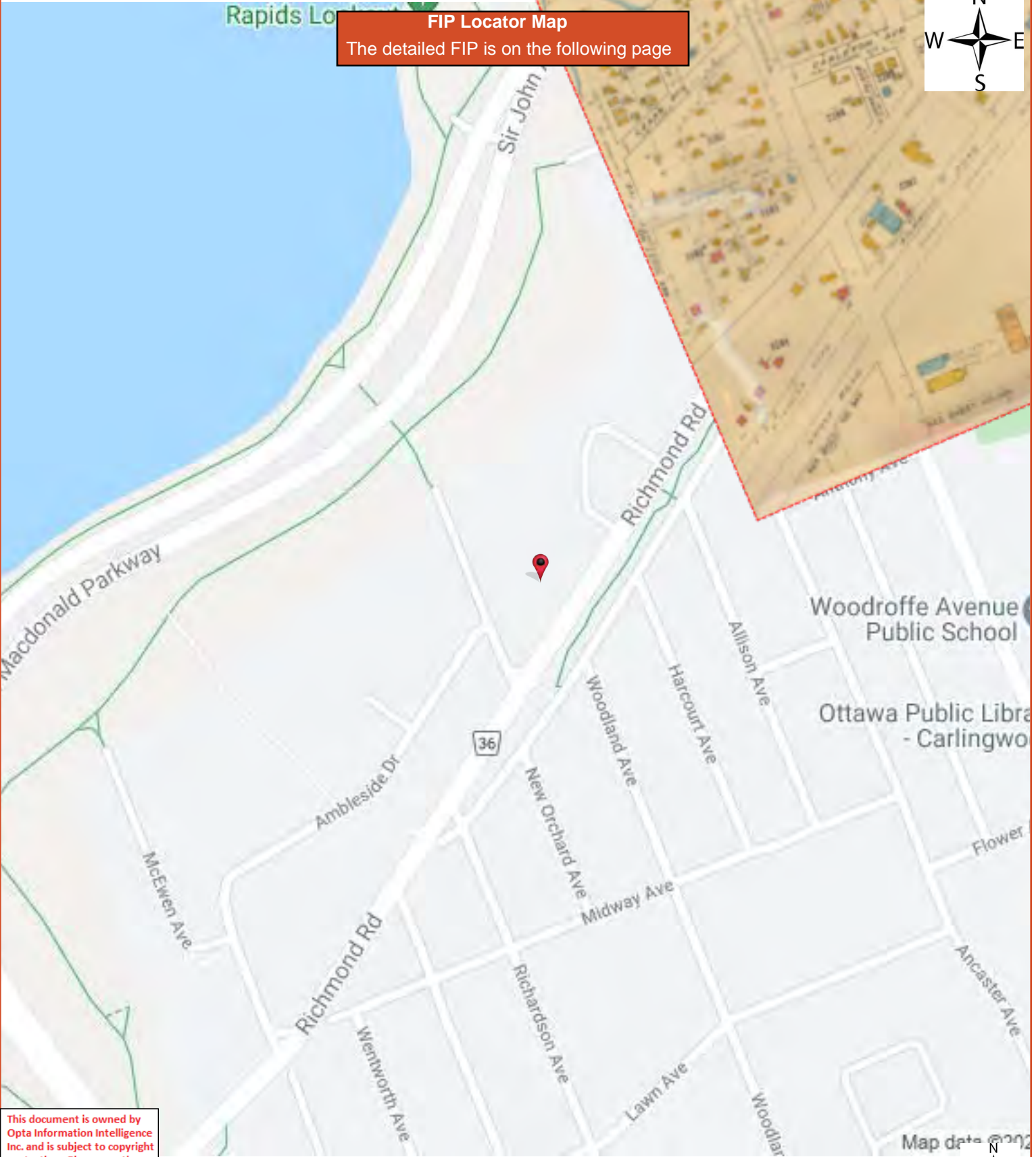
OTTAWA, VOL. 3.  
DECEMBER 1956.

338

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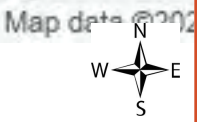


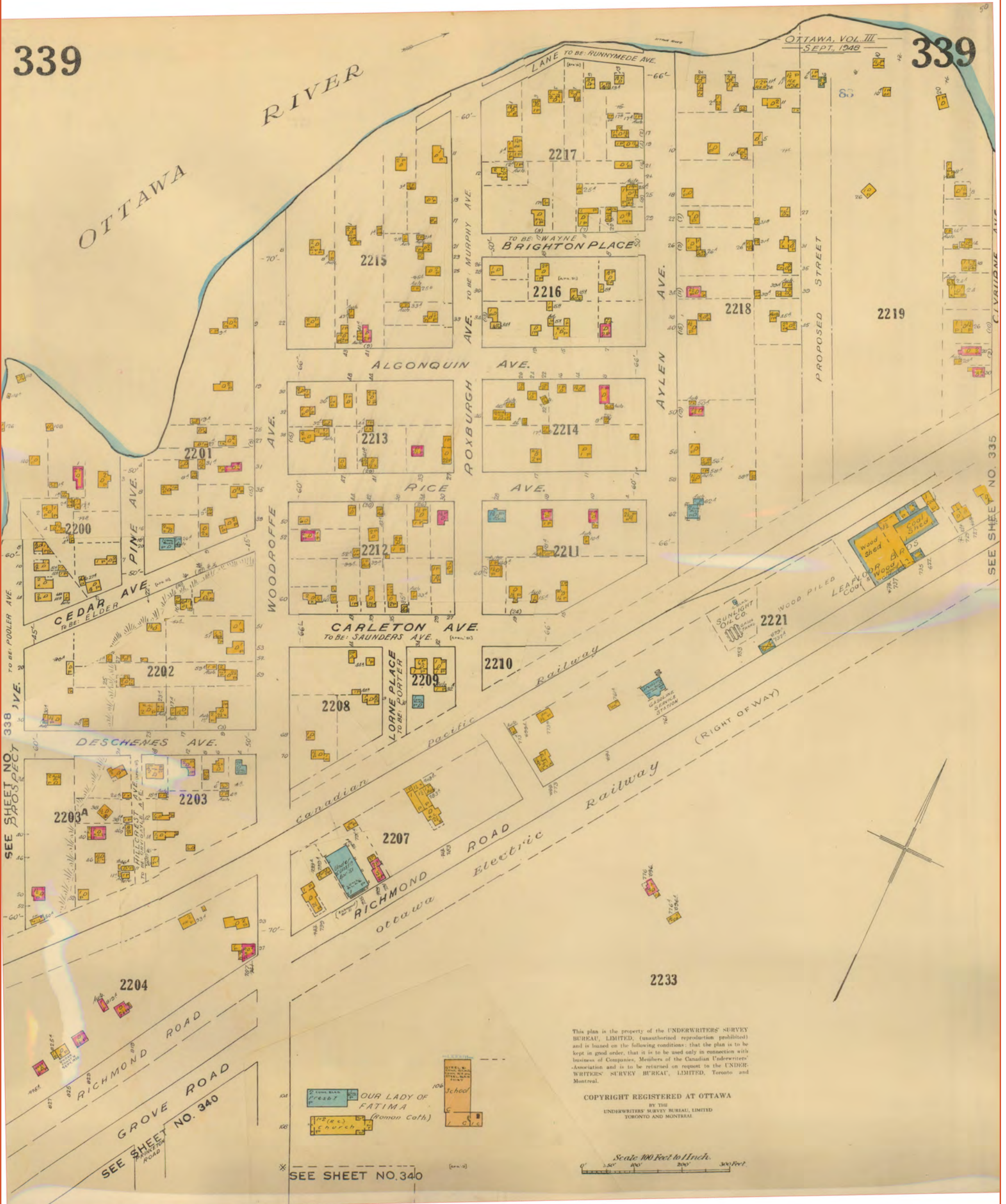


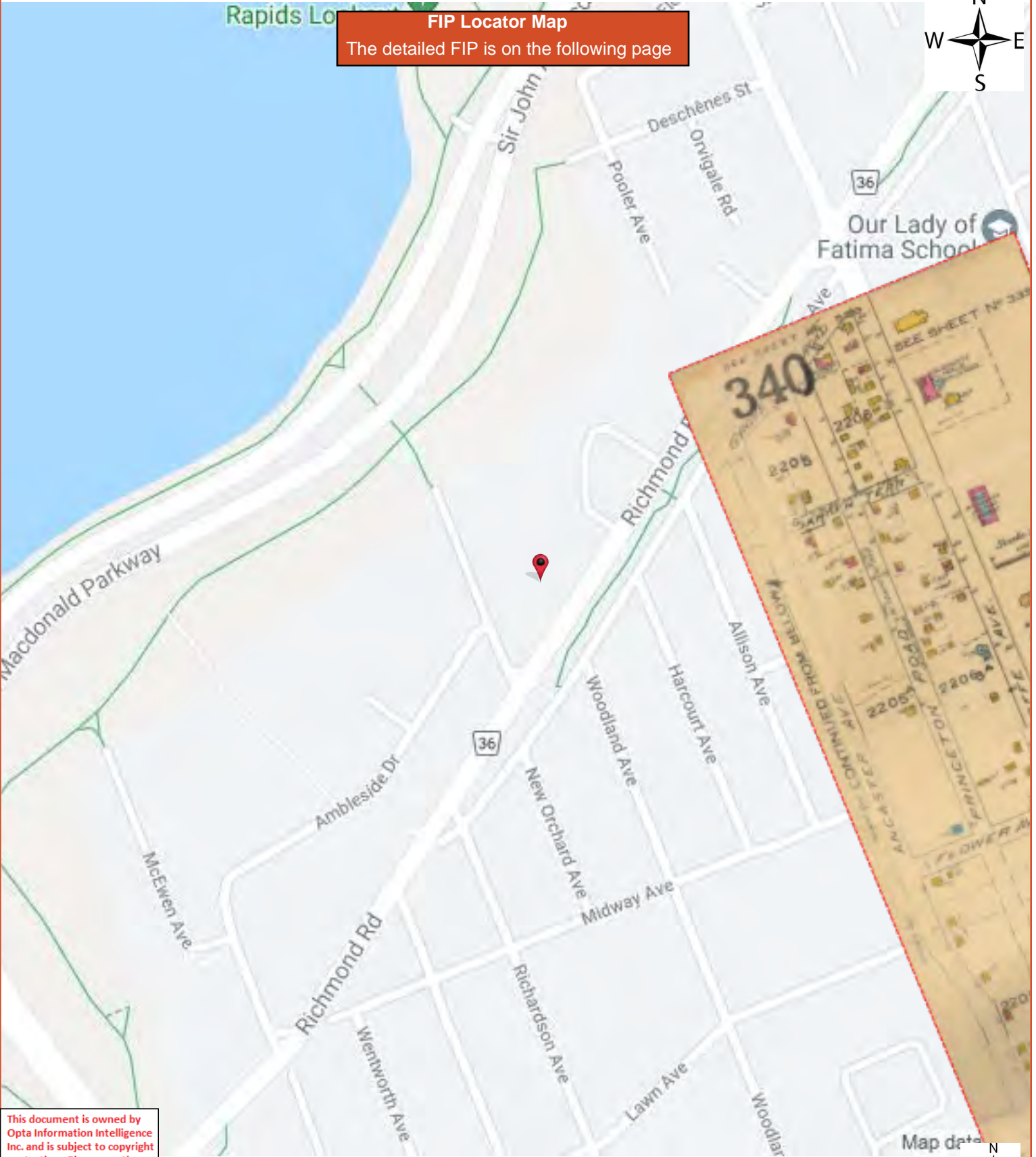
**FIP Locator Map**  
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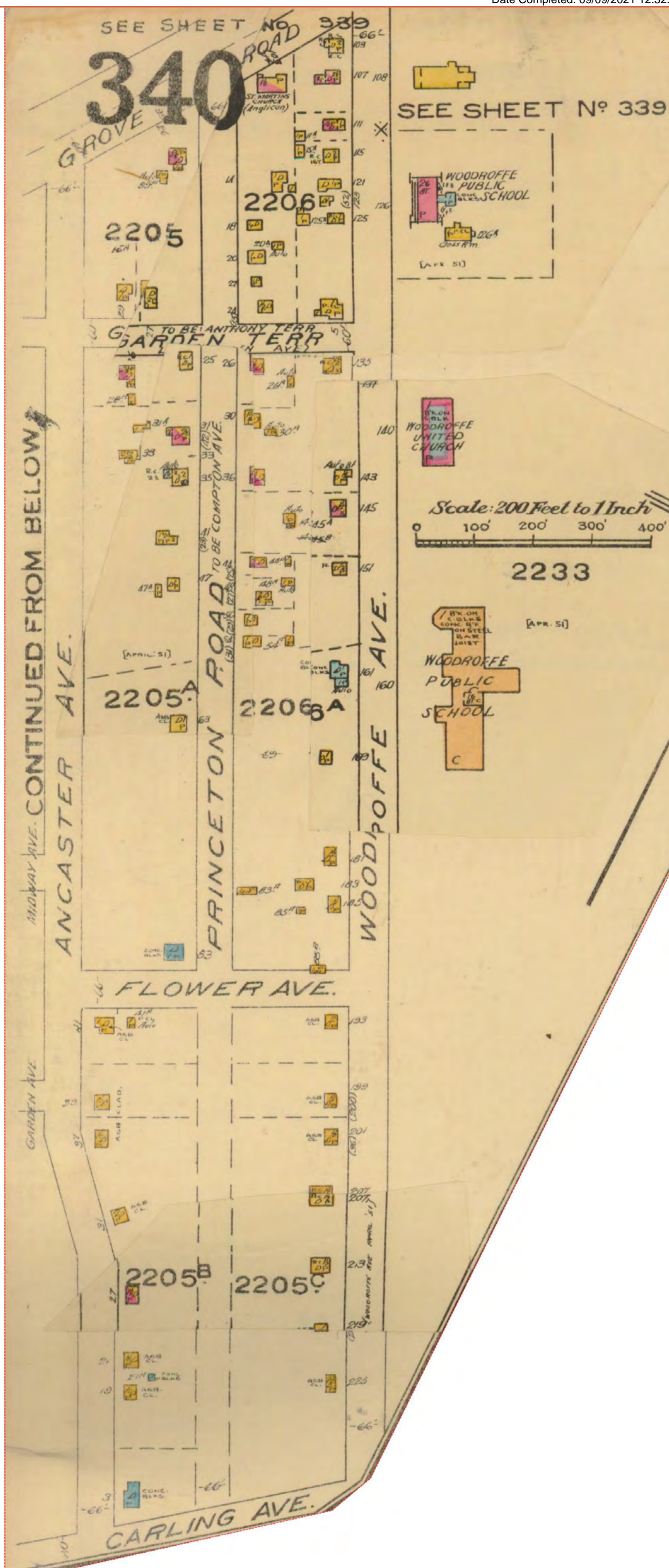


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AIS Ref No.: 10681262

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Ontario Branch Confidential Report

MULTIRISK SURVEY

Insured: METRO PLYMOUTH CHRYSLER

Location Surveyed: 1047 RICHMOND RD OTTAWA, ONTARIO K2B 6R1

Person Contacted: Jim Pears Sr. Telephone Number: (613) 596-1006

Policy Number: 1240616 AIS Reference: 10681262

Surveyed by: A. Bilik Date of Survey: 1994.11.21

Committed to Service Excellence

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Page: 1

METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

M U L T I R I S K - F I R E , L I A B I L I T Y A N D B A S I C C R I M E

OCCUPANCY:

The insured is an owner/occupant at this location. They have been in operation since 1981 and at this location for 13 year(s). They occupy 1985 sq. m and are the major occupant, having 58 full-time 2 part-time employees. The premises are in good condition. The insured is interested in loss prevention, however there have been losses during the last 3 years.

\* Loss History

Stolen vehicle one year ago (used mustang) \$6,000. approximate loss. The safe has also been broken into which has been replaced. Problems with "kids" in the past few months has caused the insured to hire a private guard.

\* Occupancy Description (Insured / major tenant if insured is non-occupant)

New and used automobile dealership with parts sales, auto repairs, auto body shop, various offices and storage.

\* Other Classes of Occupants

None

\* Undersirable Features

some of the parts wash tanks are not equipped with fusible links no alarm system is present Safe is inferior for burglary protection Fencing is not present all way around dealership

Risk is Rateable under the Commercial Property Fire Schedule. It is recommended that this location be resurveyed in 1 year(s).

BUILDING:

- \* Built - 1960 (est.) Height: Storey(s) (excluding basement) - 1=3, 2=3, 1
\* Addition(s) - 1992
\* There are no renovations.
\* Building condition - Good
\* Area: Ground Floor - 1639 sq. m Total (including basement) - 1985 sq. m

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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

BASIC CONSTRUCTION:

- \* Walls - 100% Masonry - pt. Steel framework, pt. conc. framework, Bk/CB Walls Metal Clad
- \* Floors - (excluding basement) 100% Concrete
- \* Roof - 35% - Class I Steel Deck
  - Surface material(s) - Tar and gravel
  - Resurfaced in 1991.
- 60% - 10.2cm. precast conc. slab on unprotected steel
  - Surface material(s) - Tar and gravel
  - Resurfaced in 1991.
- 5% - Pre fab roof of a mobile unit trailer
  - Surface material(s) - Tar and gravel
  - Original roof.

INTERIOR FINISH:

- \* Walls - 30% non-combustible
  - 70% open
- \* Ceilings - 50% non-combustible
  - 50% open

-----

BASEMENTS: None

VERTICAL OPENINGS:

- \* Stairs - Fire rated enclosure

MEZZANINE:

- \* Construction - Wood
- \* Occupancy - Employee lunchroom
- \* Area - 23 sq. m

OUTBUILDINGS: None

-----

HEATING:

- \* Forced warm air hot water - 80% - Natural gas
  - Original installation.
  - Installation appears safe
- \* Suspended Unit Heaters - 20% - Natural gas
  - Original installation.
  - Installation appears safe

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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

- \* Heating appliances - All enclosed in a separate room
- \* Combustible materials - Not stored in this room at time of survey
- \* Fuel Tanks/Supply:
  - Supply - UG Natural Gas Connection
- \* Chimneys:
  - Type B Gas Vent, ULC Labelled - Standard

-----

ELECTRICAL:

- \* Condition - Good and appeared safe at the time of the survey.
- \* Wiring - Conduit, BX
- \* Overcurrent protection - Circuit Breakers.
- \* Electrical system - Original installation.

-----

PLUMBING:

- \* Condition - Good at the time of the survey.
- \* Piping is Copper
- \* Plumbing - Original installation.

-----

EXPOSURES: (within 15m of the risk):

- \* FRONT: OPEN
- \* REAR: OPEN
- \* LEFT: OPEN
- \* RIGHT: OPEN

-----

MUNICIPAL PROTECTION:

- \* The FUS Public Fire Protection Classification is 3
- \* Responding (career) fire department Ottawa
- \* Distance from risk Less than 2.5 km
- \* Access via Paved roads. Year-round.
- \* The building itself is easily accesible to the fire department.
- \* Two hydrants within 155m (standard)





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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

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PRIVATE PROTECTION at this location includes the following:

- \* Standard extinguishers
- \* Guard service - For insured
- \* An automatic sprinkler system is not present.







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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

M U L T I R I S K - L I A B I L I T Y

OCCUPANCY - GENERAL INFORMATION

- \* Neighbourhood is predominantly commercial, residential
- \* Insured - owner/occupant Area occupied - 1985 sq. m
- \* 30% accessible to public. Public access is considered moderate
- \* Gross revenue - \$20,000,000

PREMISES information at the time of this survey

- \* The following appeared to be SATISFACTORY:

Stairs, ramps, handrails; Floor surfaces & coverings; Wall & ceilings; Interior Lighting; Exterior Lighting; Interior Housekeeping; Exterior Housekeeping; Washrooms; Sidewalks, Yards & Parking Lots; Snow & ice removal; Signs & Awnings; Roof attachments; Fire exits

ELEVATING DEVICES

- \* 12 Hoists
  - Current license is not present.
  - Maintenance contract - No





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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

M U L T I R I S K - B A S I C C R I M E

NEIGHBOURHOOD:

- \* Predominantly commercial, residential
- \* Stable
- \* Best described as having a moderate crime rate

BUSINESS:

- \* Description - Automobile dealership with repairs and body shop
- \* Hours of Operation - 7:30 am. - 9:00 pm. Mon. - Fri. 9:00 am. - 6:00 pm. Sat.
- \* Typical Stock - New and used vehicles (new vehicles are not owned) auto parts
- \* Target Stock Details - As above
- \* Smash and Grab exposure is moderate
- \* There is a safe on the premises

GENERAL PROTECTION at the time of this survey:

- \* The following appeared to be SATISFACTORY:
  - Exterior Lighting, Interior Lighting, Roof Accessability, Police Patrols
- \* The following were found to be UNSATISFACTORY, (refere to the Remarks and Recommendations for further details):
  - Permisses fully fenced, Outdoor stock protection, Target stock protection
- \* Security Alarm System - None

PHYSICAL PROTECTION (TENANT or OWNER/OCCUPANT):

- \* The exterior locks at this location are deadbolt, motor locks
- \* The windows are not barred

This report section is designed to provide basic crime information only. More detailed crime information can be obtained by ordering an Expanded Crime Supplement.





AIS Ref No.: 10681262

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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

M U L T I R I S K - S P R A Y A P P L I C A T I O N S

OCCUPANCY:

Principal occupancy at this location is Auto dealer

- \* Product(s) Applied: - Paint, Primer
- \* Applied in: - Booth
- \* Construction: - Prefabricated
- \* Floor Construction: - Concrete
- \* Spray area: - Standard
- \* Frequency of use: - High
- \* Work done: - Only in intended area

EQUIPMENT:

- \* Compressed air spray gun

VENTILATION:

- \* Ventilation - suitable for this installation
- \* Filtering system - Dry filter
- \* Filtering system - Well maintained.
- \* Ventilation motor - Non-sparking and labelled
- \* Exhaust duct - Suitable

ELECTRICAL:

- \* Electrical equipment located inside the spray area - None
- \* Electrical equipment located outside the spray area - Standard
- \* Lighting fixtures are not labelled
- \* At time of survey, lighting fixtures appeared to be in good repair
- \* Lighting deficiencies - None

DRYER INSTALLATION:

- \* No dryers were found





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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

HAZARDS:

- \* Storage of flammable and combustibile liquid is non-standard
- \* Flammable and combustibile liquids storage
  - In the open, ordinary metal cabinets
  - In spray area, Outside spray area
- \* Labelled safety cans not used
- \* Handling - Safe
- \* Quantity in spray area - 24 litres.
- \* Quantity outside spray area - 250 litres.
- \* As a result of survey, the following were found to be satisfactory:
 

Storage of dirty rags in safety containers; Restriction of smoking; Posting of no smoking signs; Welding/cutting a sufficient distance from spray area; Heating equipment a sufficient distance from spray area; Spray area is not highly congested
- \* As a result of survey the following were found needing attention, please refer to the remarks and recommendations for further details:
- \* Maintenance - Good

-----

PROTECTION:

- \* Portable fire extinguishers - Suitable
  - Well located
- \* Automatic fixed extinguishing system - None
- \* Automatic sprinklers - None



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METRO PLYMOUTH CHRYSLER  
1047 RD RICHMOND; OTTAWA, ONTARIO

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M U L T I R I S K  
R E M A R K S / R E C O M M E N D A T I O N S  
-----

REMARKS:

- \* Fire, Liability & Basic Crime - The insured operates a successful business building and is well maintained. Waste oil is kept outside in an above ground double walled tank which is picked up by Safety Kleen. Some of the parts wash tanks do not have fusible links (recommendation made). There is no alarm system present (recommendation made); Note that the security guard is a private individual and may only be utilized for certain periods. The safe is unacceptable burglar protection (UL Class 350 fire safe) (recommendation made). Fencing should be considered on all sides of the dealership.





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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

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RECOMMENDATIONS:

- \* 94-01 Fire, Liability & Basic Crime - The parts wash tanks missing fusible links should be replaced with tanks equipped with same.
- \* 94-02 Fire, Liability & Basic Crime - A burglar alarm system should be considered for the occupancy with alarms terminating at a recognized monitoring service.
- \* 94-03 Fire, Liability & Basic Crime - The safe provided should be replaced with a burglar resistant safe having a minimum ULC rating of TL 30. The safe should be alarmed, anchored to the masonry floor and be protected by an area alarm, connected to a central station.
- \* 94-04 Fire, Liability & Basic Crime - Fencing should be extended to all sides of the property, and be provided with gates that are locked on a nightly basis.



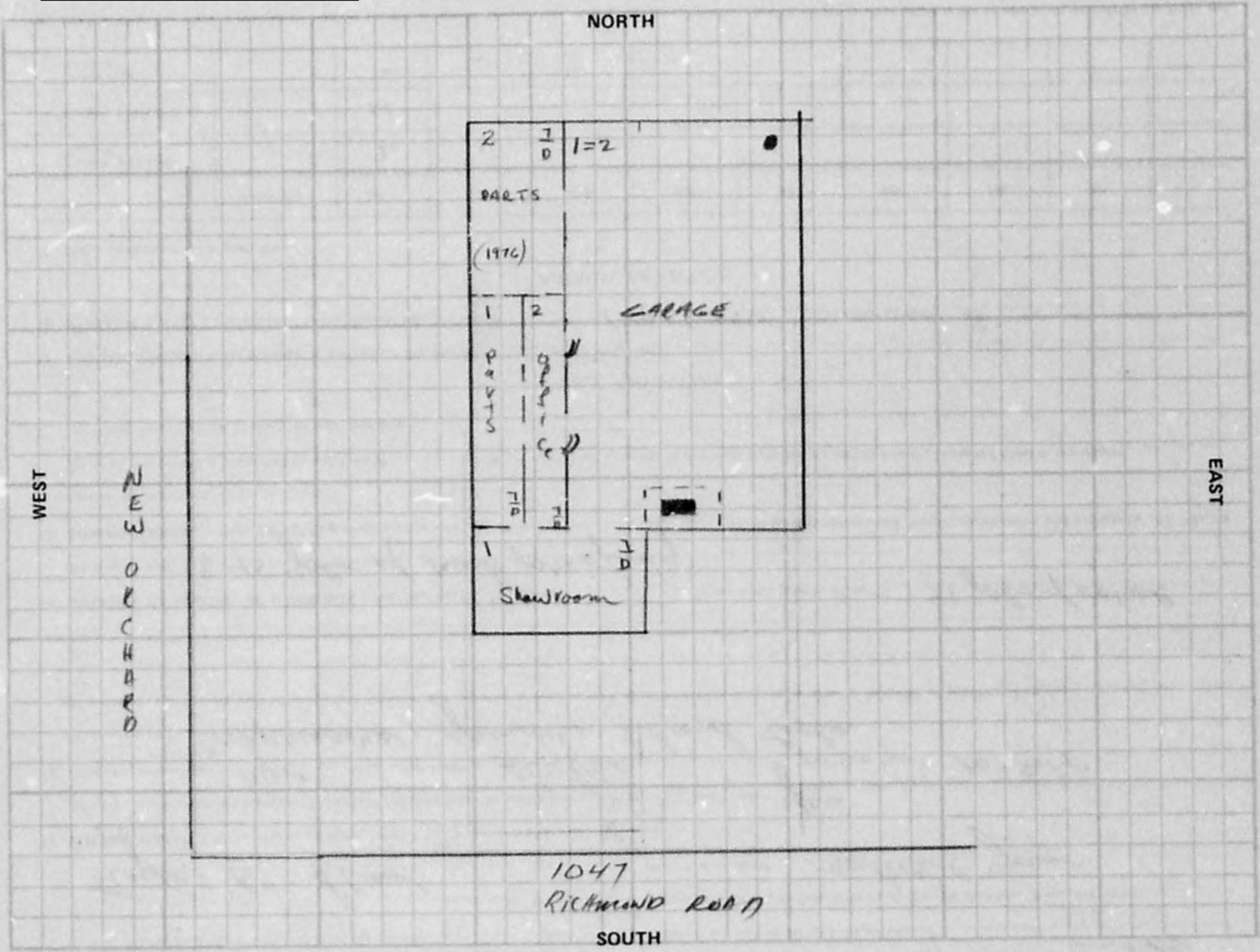
# Siteplan Report - 1976 1047 Richmond Road OTTAWA ON K2B6R1



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**DIAGRAM**

...risk and all property within 100 feet is exactly as shown on the insurance plan.  
 ...of the Risk and indicate their occupancy, show also any openings between adjoining Buildings and all exposed Windows.  
 ...CK, Brick Building with RED, Stone or Concrete Buildings with BLUE and Brick Veneered, Brick Nogged or Metal Clad.  
 ...es for which purpose a red pencil can be used. Be sure to state exact distance between buildings shown.  
 ...50 feet = 1 inch (same as the Insurance Plans).



**EXPOSURE: Note** - These questions must be answered fully.

North 120 ft. to building built of Fire resistive 1 stories high, occupied as Nursing Home  
 South open " " " " " "  
 East 60 " " Frame 1 " " Office  
 West open " " " " " "

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 IAO

DATE Nov 18 1976

SIGNATURE A.K. Hunt

(If submitted by Member Company, state name)



**Page: 27**

Project Name: 1047 Richmond  
Road QUOTE

Project #: 21083000552

**ENVIROSCAN Report**

**COMMERCIAL PROPERTY FIRE INSPECTION  
SURVEY FORM Report - 1982 505432 ONTARIO LTD  
1047 Richmond Road OTTAWA ON K2B6R1**

**Requested by:**  
Eleanor Goolab

Date Completed: 09/09/2021 12:32:03



OPTA INFORMATION INTELLIGENCE

# COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM Report - 1982 505432 ONTARIO LTD 1047 Richmond Road OTTAWA ON K2B6R1

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Mercantile Risk  
 Miscellaneous Risk

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM

(Use this form for all Non-Manufacturing risks, and some Manufacturing risks with five hands or less, of all construction, but excluding Sprinklered properties)

Address : No. 1047 Street/Road Etc., RICHMOND ROAD  
Municipality OTTAWA (Formerly) \_\_\_\_\_  
Owned by: 505432 ONTARIO LTD Occupied by: METRO CHRYSLER AUTO DEALERSHIP  
Age of building ( Built in ) \_\_\_\_\_ : \_\_\_\_\_ : \_\_\_\_\_ . Additions ( Built in ) \_\_\_\_\_ : \_\_\_\_\_ : \_\_\_\_\_ : \_\_\_\_\_ : \_\_\_\_\_ .  
Is building completely finished & out of workmens hands? Yes  ; No  IBC Code: Terr: 63 Ind: 351 Cons: 2 Prot: 2

BASIC CONSTRUCTION - (SECTION II)

- EXTERIOR WALLS:

NSW NSW NSW NSW NSW  
(Refers to compass point direction of wall, i.e. North, South, East or West)  
 INDEPENDENT  BEARING  AND  NON-BEARING  PARTY  PARAPET  
(Describe material & thickness of all walls including make-up of combustible walls & any fire retardant impregnation. Also, check off appropriate wall supports below.)

Part speltan steel framework  
Part-reinforced concrete framework  
BK/CB walls.

COLUMNS OF WOOD  ; HEAVY WOOD (min. 150mm x 300mm)  ; UNPROTECTED STEEL  ; PROTECTED STEEL  , protected by \_\_\_\_\_ having a fire-resistance rating of \_\_\_\_\_ hrs.  
PANELS of Non-Combustible material or GLASS  ; COMBUSTIBLE  (describe) \_\_\_\_\_  
Wall: N. \_\_\_\_\_ % S. \_\_\_\_\_ % E. \_\_\_\_\_ % W. \_\_\_\_\_ %

- FLOORS & ROOF: (Describe Floor & Roof Materials Including Thickness & Nature Of Supports)

Floor Level	% Aut. Spk. Sec	Fire Resistive & Masonry	Fire Res. in Hrs.	Non-Combustible	Combustible
Grade	0%	<u>Poured Concrete</u>	<u>+2</u>		
2ND	0%			<u>Concrete on steel Pan (2 1/2") 6.3cm</u>	
Roof	0%	<u>Precast Concrete Slab 10.2cm - unprotected steel</u>			
Roof	0%			<u>Class I steel deck</u>	

COMBUSTIBLE FLR. on Lowest BASEMENT Level: Yes  ; No  . If Yes, Describe & Give Percentage - \_\_\_\_\_

SECONDARY CONSTRUCTION - (SECTION III)

- HEIGHT: (Nbr.) 251 Storeys High; Basement: Yes  ; No  . (Nbr.) \_\_\_\_\_ Combustible Storeys Without Ground Level Access.

- VERTICAL OPENINGS: Elevators  ; Stairs  ; Other  (describe) \_\_\_\_\_

(Describe Construction & Type of Enclosure (s) & Door (s) Fully)

Elv., S' way or Other	Nbr.	From:	To:	ENCLOSURE(S)	DOOR(S)
STAIRS	2	1ST	2ND	<u>CB OPEN</u>	<u>NONE OR WD NOT S/C</u>

- AREA: Basement : \_\_\_\_\_ x \_\_\_\_\_ ; \_\_\_\_\_ x \_\_\_\_\_ ; \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_ m<sup>2</sup>  
1st. Floor : 35.1 x 38.1 ; 12.2 x 18.3 ; \_\_\_\_\_ x \_\_\_\_\_ = 1560.6 m<sup>2</sup>  
2nd Floor : 38.1 x 9.1 ; \_\_\_\_\_ x \_\_\_\_\_ ; \_\_\_\_\_ x \_\_\_\_\_ = 346.7 m<sup>2</sup>  
3rd (& Other): \_\_\_\_\_ x \_\_\_\_\_ ; \_\_\_\_\_ x \_\_\_\_\_ ; \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_ m<sup>2</sup>  
Separation Walls  (describe) \_\_\_\_\_ . Total Area 1907.3 m<sup>2</sup> **EFFECTIVE AREA: 1907.3 m<sup>2</sup>**

- ROOF SURFACE: Non-Combustible  (describe) \_\_\_\_\_ . Combustible  (describe) \_\_\_\_\_ .  
Patent  . FALSE ROOF over Masonry or Fire Resistive Roof ( ) (describe) \_\_\_\_\_ .

- COMBUSTIBLE CONCEALED SPACES: Combustible Space In Roof  , &/or Ceiling  . If In Roof, Is This An Attic  , Cut Off  , Shut Off  , With Access Limited By Trap(s)/Hatchway(s)  . In Proportion To Total Roof/Ceiling Area COMBUSTIBLE CONCEALED SPACE Comprises \_\_\_\_\_ % In ROOF &/or \_\_\_\_\_ % In CEILING. Describe \_\_\_\_\_ .

- COMBUSTIBLE INTERIOR CONSTRUCTION: Floor Surfacing  (describe & give % of total floor area affected) \_\_\_\_\_
- Partitions/Walls  (describe & give % of total interior wall area) \_\_\_\_\_
- Mezzanines/Decks  (describe & give % of total area of floors & roof) \_\_\_\_\_

- INTERIOR FINISH or INSULATION: (Specify Where SPECIAL DAMAGE Materials Are Used)

Specify FLOOR	1ST.	2ND			
Walls:	CB, GYP/CB	CB, GYP			
Ceiling:	OPEN STEEL OPEN CONC.	A.M.T., OPEN STEEL			
Interior Partitions:	CB.	CB.			
Smoke Developed	-	-			
Flame Spread	-	-			

Ordinary Damage Materials Attached To Fire Resistive or Non-Combustible Walls  and/or Ceiling

- COMB. EXTERIOR ATTACHMENTS OR FINISH: Attachments  Comprise Of (describe & give chargeable %) \_\_\_\_\_
- Finish  Comprises Of (describe & give chargeable %) \_\_\_\_\_
- Smoke Developed - 200 or Less ; Over 200 ; Flame Spread Rating \_\_\_\_\_
- None Of The Above . Are Attachments/Finish Attached/Applied To Fire Resistive or Non-Comb., Walls or Roof? Yes ; No .

- BUILDING CONDITION: Moderate , Major , Extreme Deficiencies . Describe Sub-Standard Structural Conditions \_\_\_\_\_

COMMON HAZARDS - (SECTION VII, Items 720-724)

- HEATING: Building Heated? Yes ; No . Borrowed Heat . Describe Heating System Including Controls & Fuel Used: Hot Water and susp. hot air units - natural gas
- Describe Chimney(s) & Deficiencies If Any: Std installation and venting

- ELECTRICAL: FUSES: Type "S" ; Type "C" & Rejector System ; Circuit Breakers ; ORDINARY ; Used Exclusively .
- Aluminum Wiring ; Rigid Conduit ; Other  (describe) Bx. Open .
- Electrical Equipment Defects: None ; Minor ; Moderate ; Major ; Serious . Describe Condition: \_\_\_\_\_

- HOUSEKEEPING: See General Underwriting Comments Section (Page 3)  
MUNICIPAL PROTECTION - (SECTION IX)

- FIRE DEPARTMENT: Risk Within 2.5 km Of Nearest Fire Hall? Yes ; No . If No - State Distance To Fire Hall: \_\_\_\_\_ km.
- HYDRANTS: Two Hydrants Within 155m of Risk? Yes ; No . And All Parts Of Building Within 155m Of At Least One Hydrant? Yes ; No . MAINS - 150mm ; 200mm ; 300mm . Other (describe) \_\_\_\_\_
- Circulating ; and/or Dead End  Mains. Describe Deficiency (if any): \_\_\_\_\_
- ACCESSIBILITY: Risk Accessible At Least On One Side By Street 15m In Width? Yes ; No . If No - Describe \_\_\_\_\_
- CONGESTED AREA: Congested/Conflagration Hazard Prevails? Yes ; No . If Yes, Describe Under General Underwriting Comments.
- PRIVATE PROTECTION: Is There Exclusive Private Protection . Or Supplement To Municipal Protection ( ). Describe \_\_\_\_\_

INTERNAL PROTECTION - (SECTION XI)

- MANUAL FIRE FIGHTING EQUIPMENT: Standard ; Non-Standard . (See Occupancy Section, page 3).
- WATCHMAN SERVICE: Standard . Including Proprietary Supervision . Including Central Station Supervisory Ser. . Describe: \_\_\_\_\_
- AUTOMATIC FIRE DETECTION SYSTEM: Full Protection ; Partial Protection (i.e. Minimum Requirements) ; Describe (& Attach Form No. 2184-6/80, for Automatic Fire Alarm Detection Systems, After Completion) \_\_\_\_\_
- PARTIAL AUTOMATIC SPRINKLER SYSTEMS: Acceptable Waterflow Alarm To Approved CENTRAL STATION . No Such Alarm . Total area Protected by Automatic Sprinklers Comprises \_\_\_\_\_ m<sup>2</sup>.
- OTHER LIMITED AUTOMATIC FIRE PROTECTION SYSTEMS: Area Protected by: HALON ; CO<sub>2</sub> ; HIGH EXPANSION FOAM ; Other (describe) \_\_\_\_\_, Comprises \_\_\_\_\_ m<sup>2</sup>.  
(Other Than A.S.)

- continued -



# SURVEY FOR RATING FIRE RESISTIVE RISK Report - 1976 AUTO DETAILING 1047 Richmond Road OTTAWA ON K2B6R1



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SY  
ATION

ONTARIO REGION

SURVEY FOR RATING FIRE-RESISTIVE RISKS (excluding Sprinklered bldgs.) OF ALL CLASSES.

IBC CODE: TEST. 63 IND. 59 CONS. 2 PROT. 2

Location (Town and Street) OTTAWA RICHMOND RD Ins. Plan-5 338 B. 2257 No. 1047  
 Owned by Parkway Chrysler Plymouth Ltd Occupied by Same  
 For a Auto dealership No. of hands.....

Is building completely finished and out of workmen's hands? .....

OCCUPANCY

Give occupancy, kind of work, processes, machinery and number of hands on each floor

Basement .....

1st Showroom, parts dept, repair garage & rust proofing

2nd Office, boiler room & parts storage.

3rd .....

4th .....

5th .....

6th .....

CONSTRUCTION OF BUILDING

1. TYPE OF CONSTRUCTION - Floors & Roof Carried on:

- (a) Skeleton Steel Framework Showroom & parts.
- (b) Reinforced Concrete, Framework garage
- (c) Bearing Walls & Partitions
- (d) Bearing Walls & Steel Columns
- (e) Steel on Steel Walls & Roof
- (f) Other Construction

(Describe fully) .....

2. WALLS - State construction of external walls. Brick on H.C.B.

If bearing walls give thickness of walls in inches at each floor .....

3. ROOF AND FLOOR - Materials

- |                                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Roof <input type="checkbox"/>              | Floors <input type="checkbox"/>            | (a) Concrete, reinforced - Poured in place..... inches thick                                                                                                                                                                                                                                                                                                                                                                        |
| Roof <input type="checkbox"/> <u>parts</u> | Floors <input checked="" type="checkbox"/> | (b) Concrete, on metal pan - Poured in place <u>2 1/2</u> inches thick                                                                                                                                                                                                                                                                                                                                                              |
| Roof <input checked="" type="checkbox"/>   | Floors <input type="checkbox"/>            | (c) Concrete, Precast Units <u>3-4</u> inches thick <u>?</u><br>(Name of Manufacturer)                                                                                                                                                                                                                                                                                                                                              |
| Roof <input checked="" type="checkbox"/>   | Floors <input type="checkbox"/>            | (d) Steel Deck, Construction #1 <input checked="" type="checkbox"/> Otherwise <input type="checkbox"/><br>*If Construction #1 State method of attaching insulation to steel deck and type of insulation<br>Mechanical Fasteners <input type="checkbox"/> * Adhesive <input type="checkbox"/> Otherwise <input type="checkbox"/><br>*If adhesive state trade name <u>unknown</u><br>Type of insulation on steel deck <u>ten test</u> |
| Roof <input type="checkbox"/>              | Floors <input type="checkbox"/>            | (e) Other Materials - Describe and Show Thickness                                                                                                                                                                                                                                                                                                                                                                                   |

**ROOF AND FLOOR — Method of support**

- |                                          |                                            |                                                                                          |
|------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------|
| Roof <input checked="" type="checkbox"/> | Floors <input checked="" type="checkbox"/> | (a) Unprotected Steel Beams.                                                             |
| Roof <input type="checkbox"/>            | Floors <input type="checkbox"/>            | (b) Steel Beams Protected by ..... inches of .....                                       |
| Roof <input type="checkbox"/>            | Floors <input type="checkbox"/>            | (c) Reinforced Conc. Beams — Poured in place.                                            |
| Roof <input type="checkbox"/>            | Floors <input type="checkbox"/>            | (d) Precast Concrete Structural Units ..... inches thick .....<br>(Name of Manufacturer) |
| Roof <input type="checkbox"/>            | Floors <input type="checkbox"/>            | (e) Bearing Walls Only. No Supporting Steel.                                             |

If building is composed of more than one type of construction, identify sections of floor involving each type and indicate on plan.

- (a) Is there any roof space exceeding 3 feet in height? NO If so, for what purpose is it used? .....
- How is access obtained thereto? ..... If by trap or door, describe type .....
- (b) Are all skylights of wired glass in metal frames? .....
- (c) Is there any wood in roof, louvres, ventilators or skylights; if so give details NO .....
- (d) Is there a wood roof laid over an incombustible one? — If so, how is it supported? .....
- (e) If so, what is the maximum and minimum height of this above the incombustible roof? .....
- (f) Is the incombustible roof broken by Texas, louvres, ventilator, trapdoor, skylight, stair, elevator, other shafts? .....
- Is so, what is the construction of the sides through roof space? .....
- Is there any access or opening from these shafts to the roof space? Describe each separately .....
- (g) Is there a superstructure, water cooling tower, or Penthouse of any kind on the roof? NO If so, give dimensions, construction and occupancy .....
- How is access obtained? .....
- (h) Is there a wood wearing floor? ..... If so, on which storeys? .....
- (i) Is it laid directly on incombustible floor or with an airspace? Describe .....
4. **STEEL COLUMNS AND BEAMS** — Are they fireproofed? NO If "Yes" state nature and thickness of such protection.
- (a) Columns .....
- (b) Beams .....

**FLOOR OPENINGS**

5. **STAIRWAYS** — How many, and state from which floor to which? 2 - 1st to 2nd .....
- Is there an enclosure around them? yes If so, describe construction of enclosure, and the doors, and whether doors are self-closing HEB shafts .....
- No doors or wood doors not self closing .....
6. **ELEVATORS** — How many, and state from which floor to which? — .....
- Is there an enclosure around them? ..... If so, describe construction of enclosure, and the doors, and whether doors are self-closing .....
7. **CHUTES, VENTS, DUMB WAITERS & BELT HOLES & OTHER FLOOR OPENINGS** — Give size, construction of enclosure (if any), type of door (if any), and whether self-closing, stating which floors are cut by each, — .....
8. **HEATING AND VENTILATING DUCTS** — Are there any? — (a) Are ducts, which cut through floor, in masonry shafts .....
- (b) Give construction of shaft ..... (c) State whether separate duct to each floor without communication to other floors .....
- (d) Do ducts open into roof space? .....
9. **HEIGHT** — State number of floors and whether there is a basement 2 & 1 = 2 no basement .....
10. **AREA** — Give ground floor dimensions 115 x 125 & 40 x 60 = 14,375 sq ft. .....

11 INTERIOR FINISH -

State separately for each floor, finish and method of attachment to walls and ceiling (if more than one type of finish is present on any one floor, state percentage of each type)

	Basement	1st	2nd	3rd	4th	5th	6th
(a) Walls	/	HEBIN	HEBIN GYP				
(b) Ceilings	/	HLP open	TT & open				
(c) Partitions		HEB	HEB				

State extent of any wood partitions, or partitions having wood supports in square feet separately for each floor:-

Battery charging room 25' x 12' x 8' high of frame construction

(d) Is there any other inside or outside combustible finish or trim other than above? Describe fully

12. HEATING - What is the system of heating the building? Hot water & Radiator. Where is heating plant located? Megawatt & Suspended units. Is it in fire-resistive room with standard fire door? Are there any stoves; if so, how many and where located

Do any heating devices vent otherwise than to brick or concrete chimney; if so, give details

Type "B" floor

What fuel is used? natural gas

13. ELECTRIC WIRING - All wiring is in Rigid Conduit  Otherwise

Are all circuits protected by type "S" tamper resisting fuses or non-interchangeable circuit breakers? yes

14. POWER - Is any used? yes. If so, what kind? electric. Total Horse Power? 20-30 HP

What used for? Compressors, grinders & hand tools

If gasoline engine, state method of ignition, location and capacity of supply tank, whether feed is pressure or gravity, quantity of gasoline in engine

15. GASOLINE OR BENZINE, OR OTHER OILS - Are any kept? yes. If so, what quantity of each? 45 gals of varrol

What used for? 45 gals of red proofing

16. COMMUNICATIONS - Does the building communicate with any other building? (a) If so, give dimensions, height, construction and occupancy and indicate clearly on diagram

(b) If so, are buildings separated by solid wall? (c) If so, are all openings in this wall protected by self-closing U.L. labelled Class A fire doors?

(d) If not, describe type of doors on each opening

PUBLIC PROTECTION

17. FIRE DEPARTMENT - State distance to the nearest fire station 2 miles

18. HYDRANTS - What is the distance to the nearest two hydrants? 150 & 350. Give size of main 8"

INTERNAL PROTECTION

19. Show number units for each floor:

	Basement	1st	2nd	3rd	4th	5th	6th	7th	8th
Extrgs. 2 1/2 Gal. Class A		2	1						
Extrgs. Class B & C		4							
Stand Pipe & Hose		-	-						

20. WATCHMAN - Is there a Watchman making rounds of the whole premises, nights, Sundays, holidays, and at all times when plant is not in operation, rounds being 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?

(a) Does he use a portable clock, electric detector, or report to central station?

(b) Give name of manufacturer of clock (c) Does it bear approval label of Underwriters' Laboratories

(d) Are the stations sufficient and so located that the Watchman must traverse each flat and every portion be visible to him?

21. AUTOMATIC FIRE DETECTION SYSTEM - If such system is present provide details on questionnaire obtainable from IAQ



**COMMERCIAL PROPERTY FIRE RATING FORM  
Report - 1982 METRO CHRYSLER 1047 Richmond  
Road OTTAWA ON K2B6R1**

**Requested by:**  
Eleanor Goolab

Date Completed: 09/09/2021 12:32:03



OPTA INFORMATION INTELLIGENCE

# COMMERCIAL PROPERTY FIRE RATING FORM Report - 1982 METRO CHRYSLER 1047 Richmond Road OTTAWA ON K2B6R1



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COMMERCIAL PROPERTY FIRE RATING FORM

CODING

IND.	TERR.	CONS.	PROT.
551	63	2	2

LOCATION Ottawa NAME Metro Chrysler FILE NO. \_\_\_\_\_  
 ADDRESS 1047 Richmond Road Insp'd. by C. Lafleur Date 7/5/82  
 Rated by C. Lafleur Date 11/5/82

BASIC CONSTRUCTION: (SECTION II)

WALLS (ITEMS 210-215)

Construction Class 2 Bldg. Comb. Class M3

WALL AREA	MASONRY		FIRE RES.		NON COMB	COMB	DETAIL OF WALL CONSTRUCTION	% OF WALL PERIM	POINTS
	Wall Type	Wall Thick.	Dam. Type	Fire Res.					
	W-1	+20.3	D-1	2 HR			BK/CB	100 % x	-
	W-		D-	HR				% x	
	W-		D-	HR			Part Shelton Steel	% x	
	W-		D-	HR			frame work	% x	
	W-		D-	HR				% x	
Columns in (or adjacent to) non-bearing masonry walls: Unprot. metal <input checked="" type="checkbox"/> Comb. <input type="checkbox"/>								% x	70
Panels in masonry or fire resistive walls: Comb. <input type="checkbox"/> Non-comb. <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Slow burning <input type="checkbox"/>								30 % x	20
Special Conditions (Describe).....								% x	

CHARGES
-
-
-
-
-
-
70
6
-
-
-
-
157
150
307
.307

FLOOR(S) AND ROOF (ITEMS 220-223)

LEVEL	DIMENSIONS	MAS. or F.R.		NON COMB	COMB	DETAILS OF FLOOR/ROOF MATERIALS	% of Total Floor/Roof Area	POINTS
		Dam. Type	Fire Res.					
Grade	1560.6	D-1	2 HR			Poured Concrete	45 % x	-
2ND	346.7	D-	-1 HR			Concrete on Steel Pan 6.3cm	10 % x	140
		D-	HR				% x	
ROOF	570.0	D-	-1 HR			Class I steel Deck	16 % x	200
Roof	990.6	D-	HR			Precast Concrete slab 10.2cm unprotected steel	29 % x	120

3467.9

Total Basic Construction Charges:  
 Schedule Base ..... +  
 Building Base ..... =

Building Base x 1.0 Comb. Modifier (ITEM 230) x .001 = BASIC BUILDING RATE:

(carried fwd. overleaf) \*

SECONDARY CONSTRUCTION: (SECTION III)

Height: (ITEM 300) Nbr. Storeys 2 1/2 Bast. NO Comb. Stories (Without ground level access) -

Type	Fm	To	Enclosure	Doors	% Chge.
V4	1ST	2ND	OPEN	NIL	20
					+
					+

Area: (ITEM 320) 1ST 1560.6, 2ND 346.7 x .....  
 Grade Floor Area 1560.6 Total Area 1907.3 Effective Area 1907.3 20

Roof Surface: (ITEM 330) Approved  Other (Described).....

Combustible Concealed Spaces: (ITEM 340) Roof Space; Percentage of total roof area -% .....  
 Ceiling Space; Percentage of total floor area -% .....

Combustible Interior Construction: (ITEM 350)  
 Floor Surfacing; Percentage of total floor area -% .....  
 Interior Walls or Partitions; Percentage of total exterior wall area -% .....  
 Mezzanines or Decks; Percentage of total floor/roof area -% .....

Combustible Interior Finish or Insulation: (ITEM 360)  
 Walls: Percentage of total area of exterior walls; Ord. Dam. -% Spec. Dam. -% .....  
 Roof & Floor(s): Percentage of total area of ceilings; Ord. Dam. -% Spec. Dam. -% .....

Combustible Exterior Finish or Attachments: (ITEM 370) .....

Building Condition: (ITEM 380) Good ; Average ; Poor ; .....

Total Secondary Construction Charges: 40

(carried fwd. overleaf) \*\*

St. No. Floor	Floor Area	% of Total Area	Occ'y Item No.	Name and Description of Occupancy and Hazards	Basic Occ'y Charge	Hazard Charges	Sep'd. Occ'y Factor	Total Occ'y Charge	Comb. Cl.	Susc. Cl.	Ind. Code
Common Hazards Applicable to Building				Hot Water & Hot air gas		3					
1047	1907.3	100%		auto repair garage - auto	75		-	75	M3	S3	551
			508	sales showroom							
			D	dealership							
				O/A welding		-					
				standard degreasing kit		-					
				Std. extinguishers				18			
			730-2	10 gallons of flammables		18		18			
			C-5-B	kept in storage - no dispensing done				93			
TOTAL 1907.3				STORED IN DEWILBASS BOOTH							Building IND. CODE 551

Major Occupancy Charge (largest occupant; by area occupied) ..... 93 %  
 20% of \_\_\_\_\_ (next 10 highest additional Total Occupancy Charges) ..... 0 %  
 Common Hazards applicable to the Building ..... 3 %  
 Net Occupancy Charge ..... 96 %  
 L1, L2 Area \_\_\_\_\_ %  
 Net Occupancy Charge x \_\_\_\_\_ Occ'y Mod. Factor (ITEM 418) ..... = \_\_\_\_\_ %  
 \*\* Total Secondary Construction Charge (brought forward from overleaf) ..... + 40 %

EXPOSURE: (SECTION VIII) Non Chargeable

Facing Wall of Exposure					Facing Wall of Risk			Exposure Distance
Masonry Semi Prot.	Masonry Unprot.	Non-Comb.	Comb.	Comb. Cl.	Lth./Ht.	Comb. & Non-Comb.	Masonry Unprot.	
								-
								-

Exposure Charge ..... + \_\_\_\_\_ %  
 Party Wall Exposure Charge (ITEM 831) ..... + \_\_\_\_\_ %  
 Communication Charge (ITEM 832) ..... + \_\_\_\_\_ %  
 + 100 %

(brought forward from overleaf) BASIC BUILDING RATE .307 x 236 % = UNPROTECTED BLDG. RATE .724

MUNICIPAL PROTECTION: (SECTION IX)  
 F.U.S. Prot. Class 3 Revised Prot. Class \_\_\_\_\_  
 Dist. to Hydrants: Stdr.  Non Stdr.  .....m. Accessibility: Good  Poor   
 Dist. to Fire Hall: Stdr.  Non Stdr.  .....km. Congested Area: Yes  No   
 Unprotected Bldg. Rate x .44 Protection Class Factor ..... = PROTECTED BLDG. RATE .318

BUILDING ADJUSTMENT FACTOR: (SECTION X)  
 Protected Bldg. Rate x 1.06 Building Adjustment Factor ..... = GROSS BLDG. RATE .337

INTERNAL PROTECTION: (SECTION XI)  
 Extinguishers Stdr.  3 % Credit W. & C. Stdr.  \_\_\_\_\_ % Credit  
 S.P. & H. Stdr.  \_\_\_\_\_ % Credit Automatic Fire Detection System Stdr.  \_\_\_\_\_ % Credit  
 Automatic Sprinklers  (Describe) ..... % Credit  
 Other Auto. Protection  (Describe) ..... % Credit  
 GROSS BLDG. RATE .337 Less 3 % = .327 Less \_\_\_\_\_ % = \_\_\_\_\_ Less \_\_\_\_\_ % = FINAL BLDG. RATE .327 *n/c*

CONTENTS RATES (SECTION XII) MAY 25 1982 N.T.

Ind. Code	Susc. Class	OCCUPANCY	Susc. Charge	Hazards Adj.	Conts. Adj. Factor	Adj. Conts. Charge	Gross Bldg. Rate	Gross Conts. Rate	Int. Prot. Factor	FINAL CONTS. RATE
551	53	auto Repair Garage	.40	x 1.18	x .80	= .378	+ .337	= .715	x .95	= .679 <i>n/c</i>
				x	x	=	+	=	x	=
				x	x	=	+	=	x	=
				x	x	=	+	=	x	=
				x	x	=	+	=	x	=
				x	x	=	+	=	x	=

75°47'30"W

75°47'W

75°46'30"W

75°46'W

75°45'30"W

75°45'W



Source: Ontario Base Mapping (OBM), 2010. Ontario Ministry of Natural Resources

45°23'30"N

45°23'N

45°22'30"N

45°22'N

45°23'N

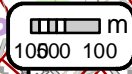
45°22'30"N

45°22'N

45°21'30"N

45°21'N

1:22000



# Ontario Base Mapping (OBM) Data

Order No. 21083000552

+ Spot Height (metre)	— Transportation Structure	— Contour Line	Wooded Area
■ Building Point	— Utility Line	▭ Pit or Quarry	▭ Conservation Authority
⊗ Towers	— Water Structure	▭ Waterbody	▭ Conservation Area
● Utility Site Point	— Drainage Line Feature	▭ Wetlands	▭ Municipal Park
— Misc. Line	— River or Stream	▭ Concession	▭ Provincial Park
— Railroads	▭ Airports	▭ Lots	▭ National Park
— Roads	▭ Tanks	▭ Municipality	▭ Nature Reserve
- - - Trail	▭ Building to Scale	▭ Land Ownership	

**ENVIROSCAN Report**Project Name: 1047 Richmond  
Road QUOTE

Project #: 21083000552

**Selected Fire Insurance Plans and Inspection  
Reports****Requested by:**  
Eleanor Goolab

Date Completed: 09/09/2021 12:32:03



OPTA INFORMATION INTELLIGENCE

**Search Fee** **\$50.00****Selected Fire Insurance Plans****Plan 1451, ON (1965)** **\$100.00**

(1965): Ottawa Volume 3, Volume Number 1: 338

**Plan 2993, ON ()** **\$100.00**

(1946): Ottawa, Volume Number 2: 339

(1946): Ottawa, Volume Number 2: 340

(1946): Ottawa, Volume Number 2: 340

**Selected Inspection Reports**(1994) Multirisk Report (distance = 98 metres\*) **\$55.00**(1976) Siteplan Report (distance = 0 metres\*) **\$0.00**(1982) COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM Report (distance = 0 metres\*) **\$55.00**(1976) SURVEY FOR RATING FIRE RESISTIVE RISK Report (distance = 0 metres\*) **\$55.00**(1982) COMMERCIAL PROPERTY FIRE RATING FORM Report (distance = 0 metres\*) **\$55.00****Total** **\$470.00**

175 Commerce Valley Drive W

Markham, Ontario

L3T 7Z3

**T:** 905.882.6300**Toll Free:** 905.882.6300**F:** 905.882.6300

An SCM Company

[www.optaintel.ca](http://www.optaintel.ca)

Project Name: 1047 Richmond  
Road QUOTE

Project #: 21083000552

**Excluded Fire Insurance Plans and Inspection  
Reports**

**Requested by:**  
Eleanor Goolab

Date Completed: 09/09/2021 12:32:03



OPTA INFORMATION INTELLIGENCE

**Excluded Fire Insurance Plans**

None

**Excluded Inspection Reports**

None

**ENVIROSCAN Report**Project Name: 1047 Richmond  
Road QUOTE

Project #: 21083000552

**Selected Fire Insurance Plans and Inspection  
Reports****Requested by:**  
Eleanor Goolab

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Road QUOTE

Project #: 21083000552

**Excluded Fire Insurance Plans and Inspection  
Reports**

**Requested by:**  
Eleanor Goolab

Date Completed: 09/09/2021 12:32:03



OPTA INFORMATION INTELLIGENCE

**Excluded Fire Insurance Plans**

None

**Excluded Inspection Reports**

None





# enviroscan



An SCM Company

175 Commerce Valley Drive W  
Markham, Ontario L3T 7Z3

T: 905-882-6300  
W: [www.optaintel.ca](http://www.optaintel.ca)

Report Completed By:

Sunita

Site Address:

1047 Richmond Road Ottawa Ont

Project No:

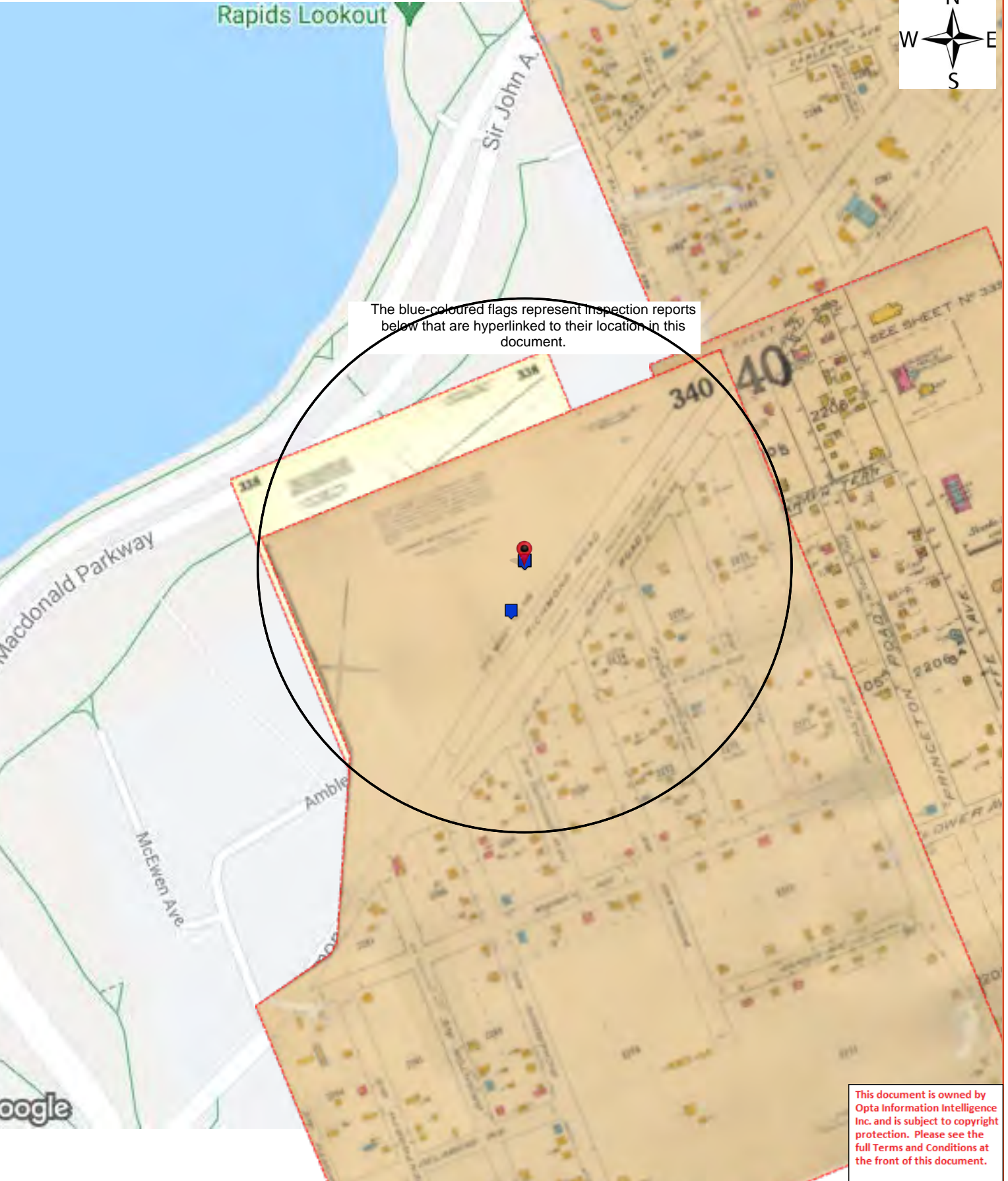
21083000552

Opta Order ID:

95490

Requested by:  
Eleanor Goolab  
ERIS

Date Completed:  
9/9/2021 12:32:03 PM



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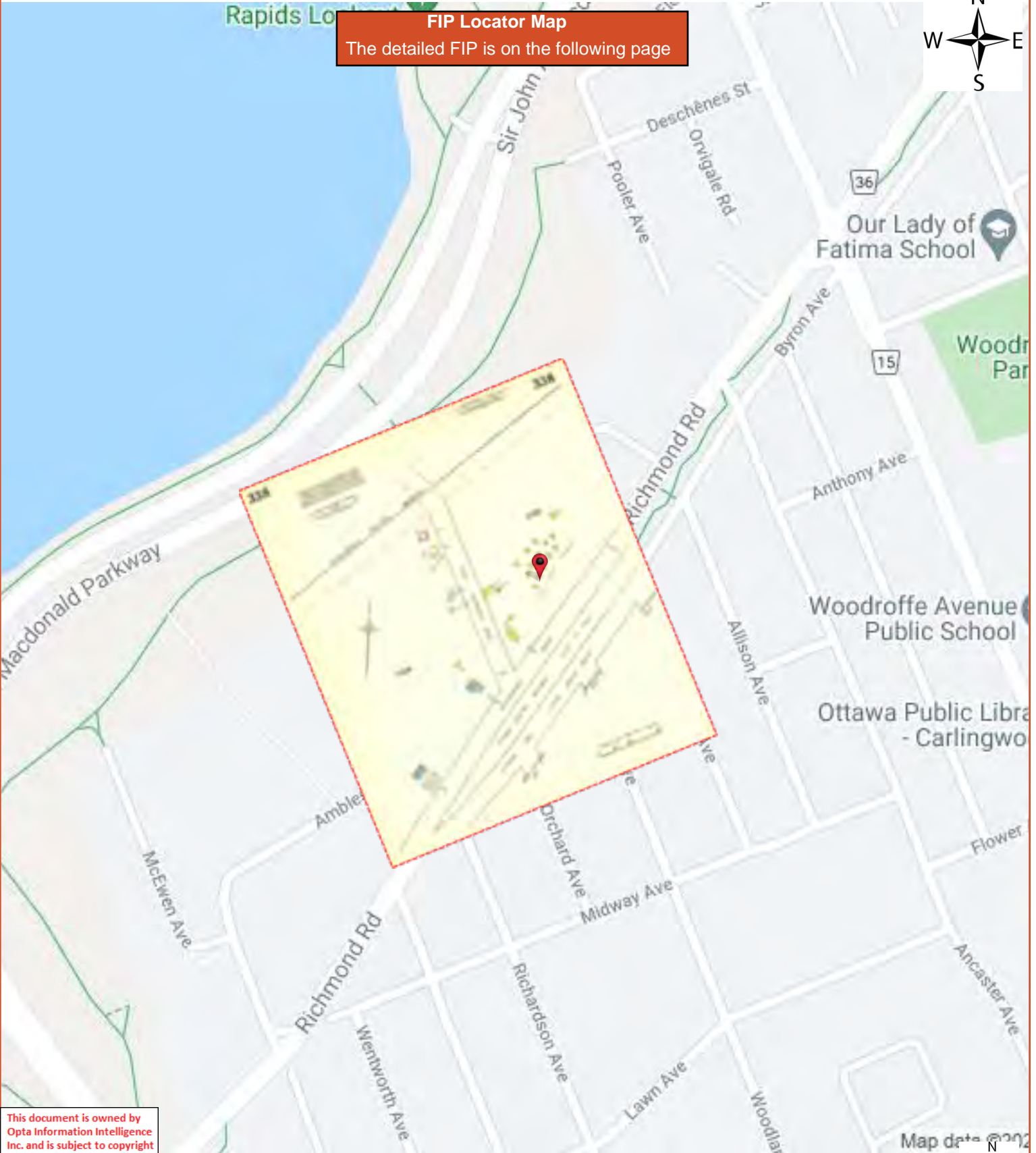
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Markham, Ontario  
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Page	Report Title
6	(1965) Volume: Ottawa Volume 3 Firemap: 338
8	Volume: Ottawa Firemap: 339
10	Volume: Ottawa Firemap: 340
12	Volume: Ottawa Firemap: 340
13	(1994) Multirisk Report - 1994 METRO PLYMOUTH CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B 6R1 Reference No: 10681262 (distance = 98 metres*)
25	(1976) Siteplan Report - 1976 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)
27	(1982) COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM Report - 1982 505432 ONTARIO LTD 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)
31	(1976) SURVEY FOR RATING FIRE RESISTIVE RISK Report - 1976 AUTO DETAILING 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)
35	(1982) COMMERCIAL PROPERTY FIRE RATING FORM Report - 1982 METRO CHRYSLER 1047 Richmond Road OTTAWA ON K2B6R1 (distance = 0 metres*)





**FIP Locator Map**  
The detailed FIP is on the following page

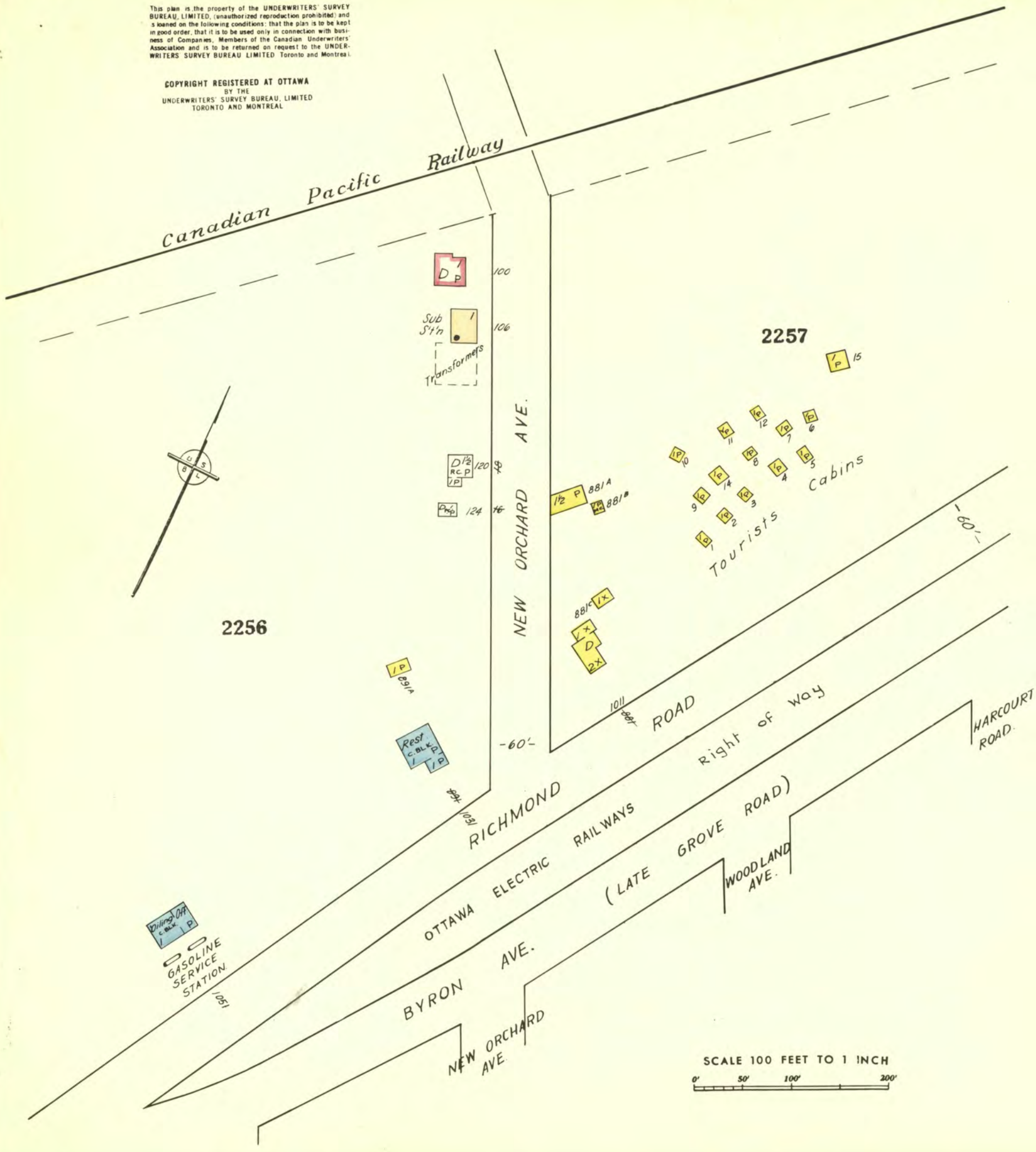
338

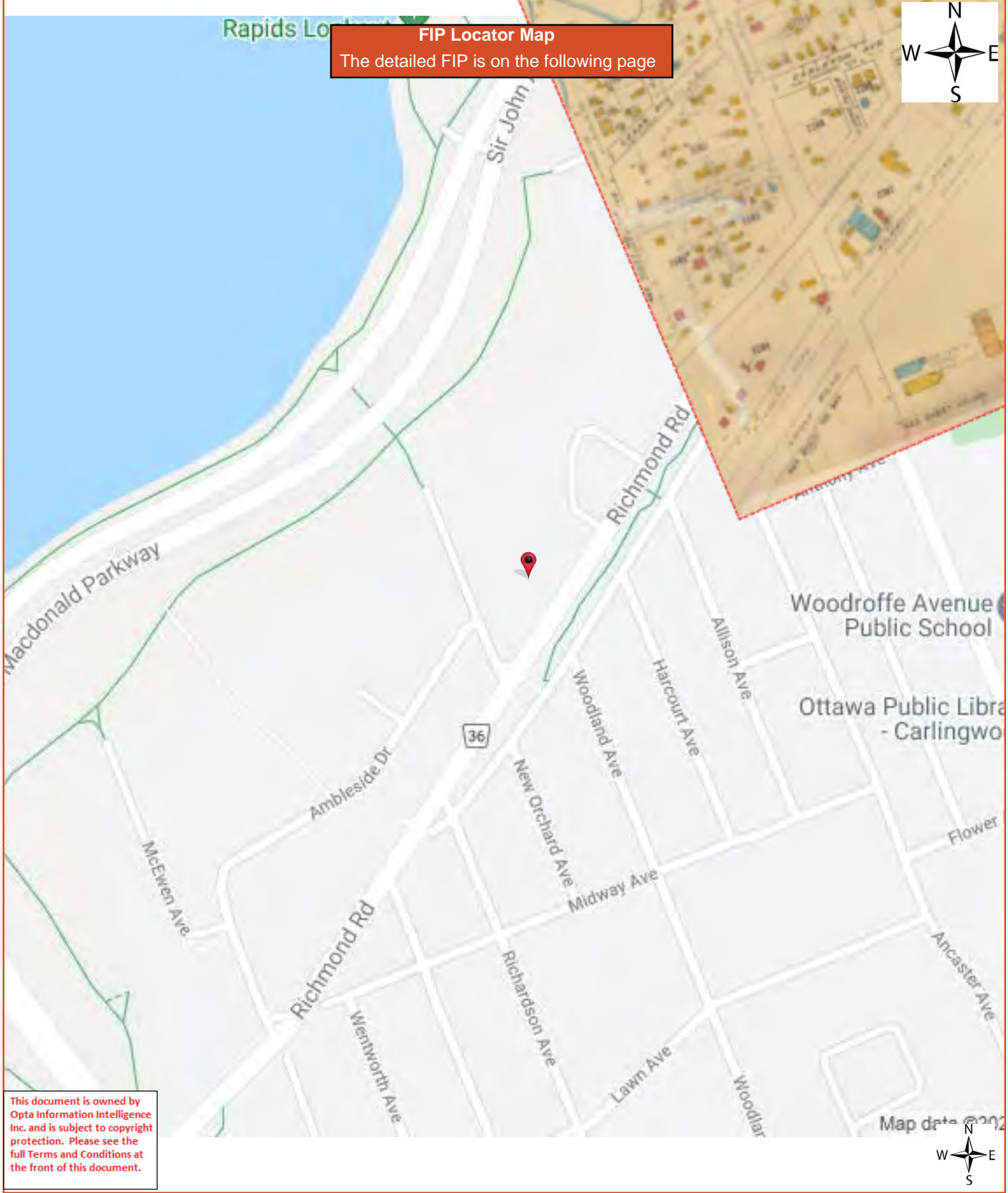
OTTAWA, VOL. 3.  
DECEMBER 1956.

338

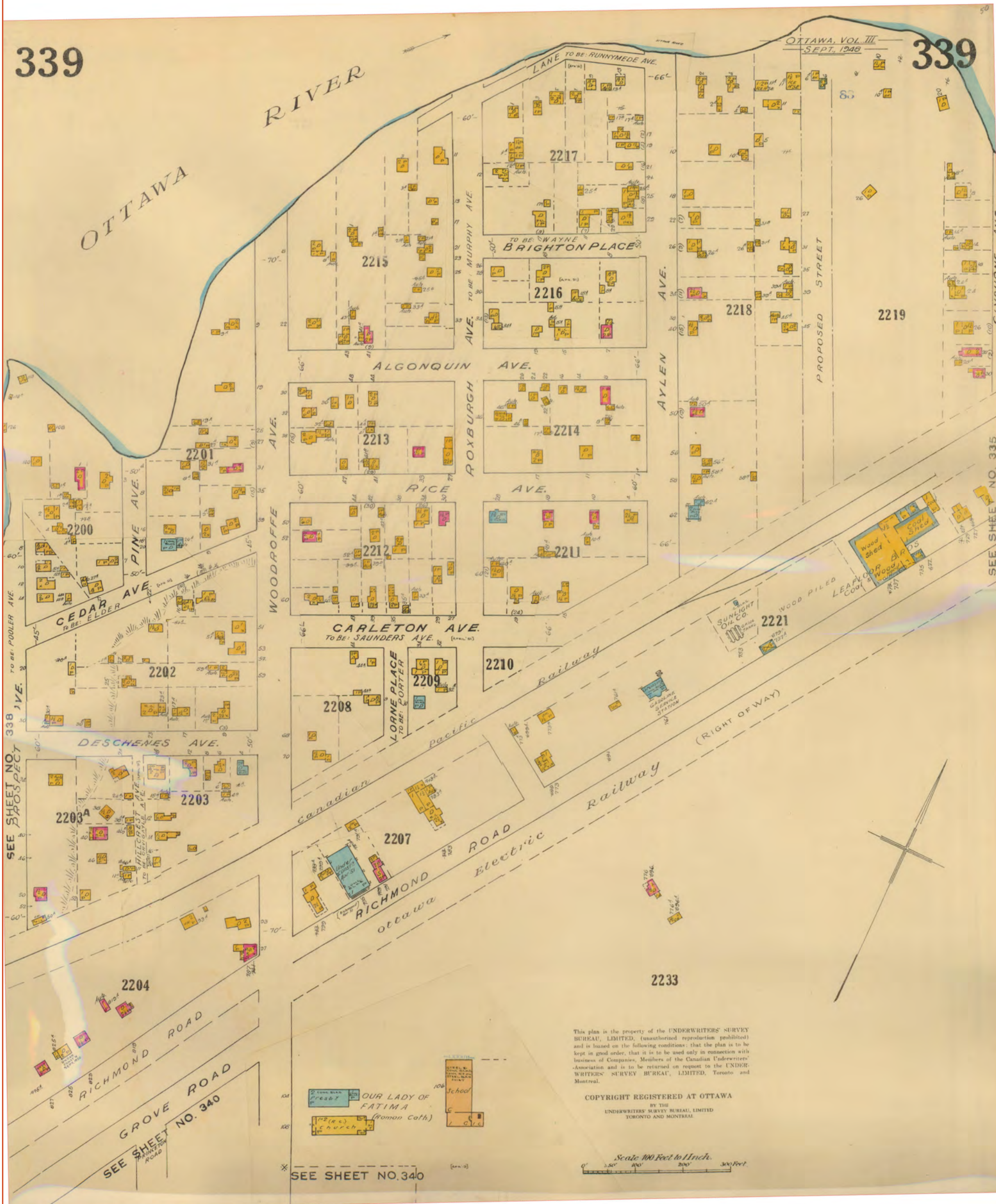
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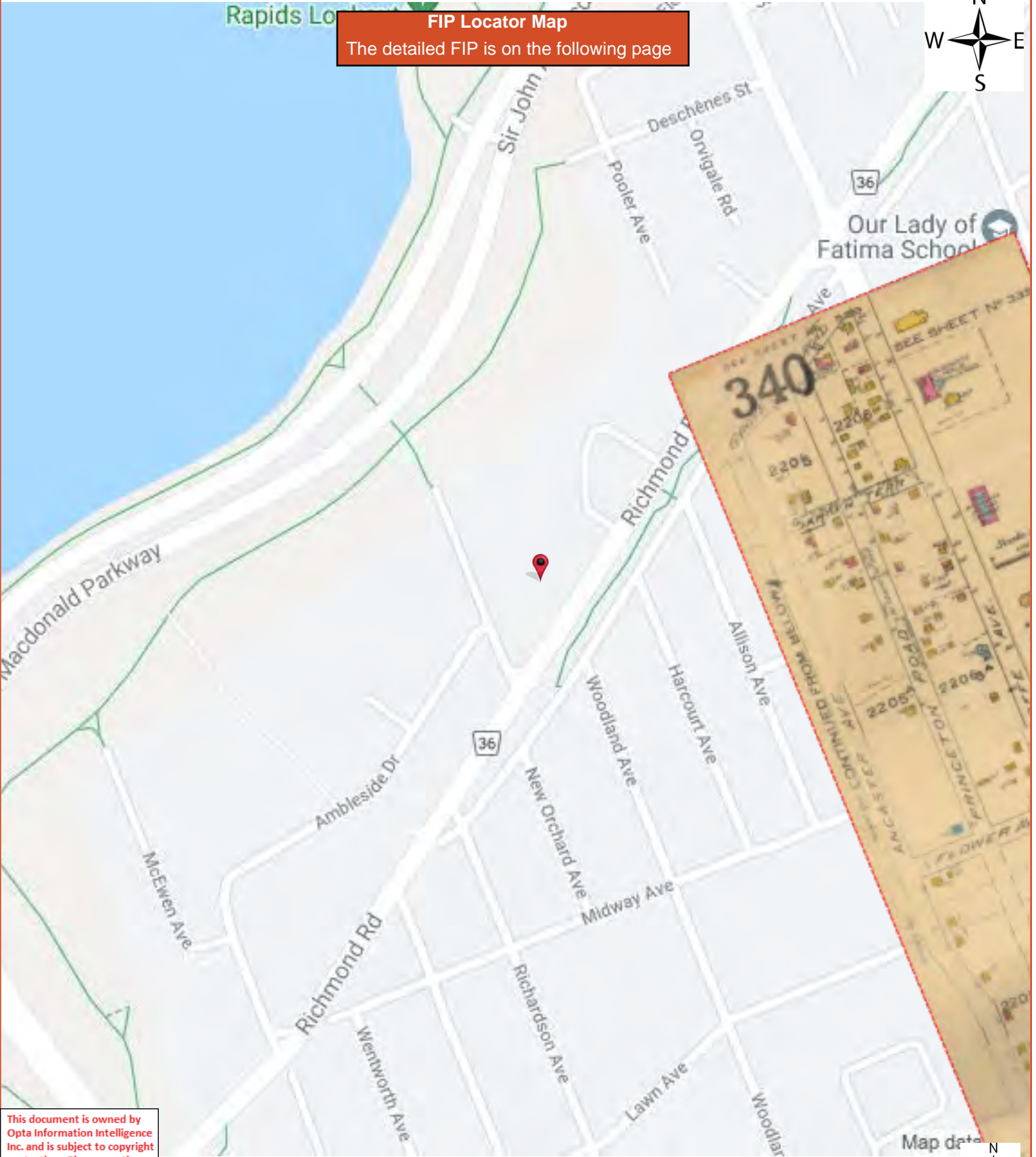




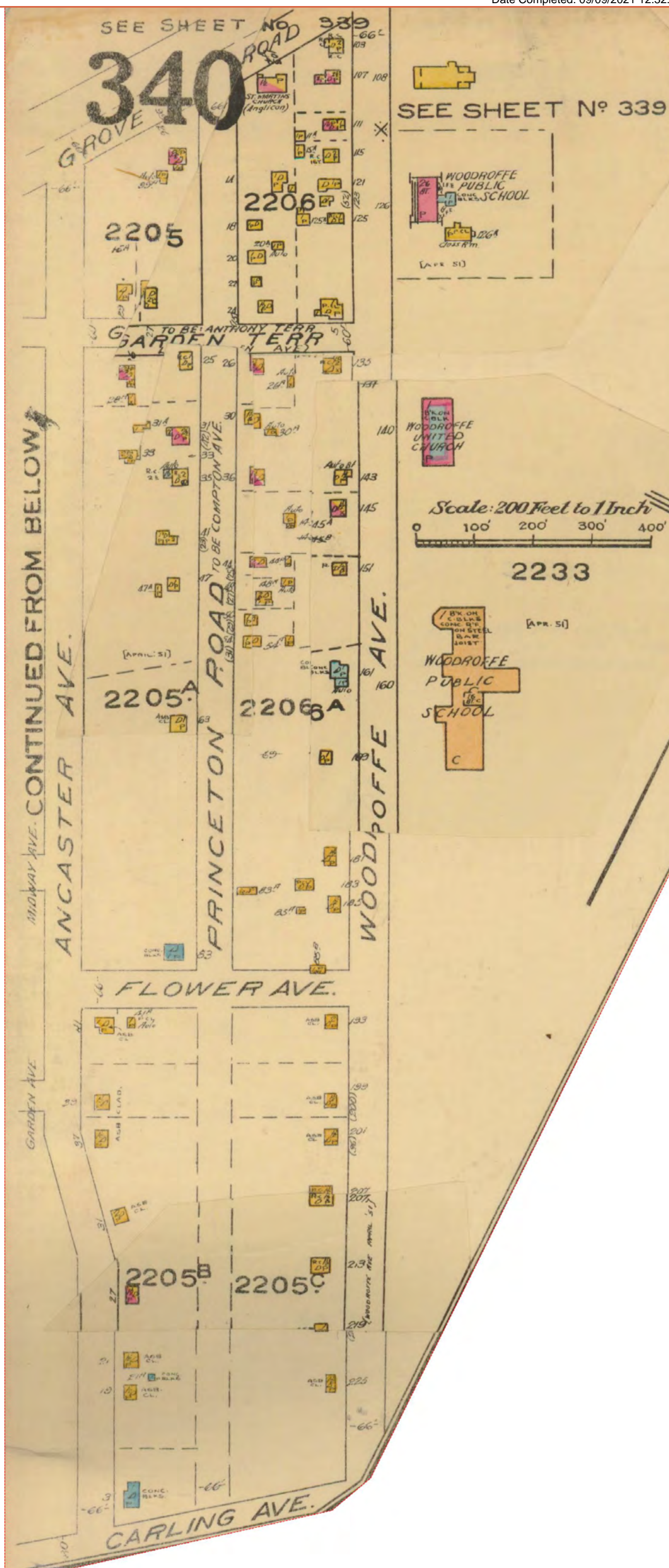
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Ontario Branch Confidential Report

MULTIRISK SURVEY

Insured: METRO PLYMOUTH CHRYSLER

Location Surveyed: 1047 RICHMOND RD OTTAWA, ONTARIO K2B 6R1

Person Contacted: Jim Pears Sr. Telephone Number: (613) 596-1006

Policy Number: 1240616 AIS Reference: 10681262

Surveyed by: A. Bilik Date of Survey: 1994.11.21

Committed to Service Excellence

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Page: 1

METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

M U L T I R I S K - F I R E , L I A B I L I T Y A N D B A S I C C R I M E

OCCUPANCY:

The insured is an owner/occupant at this location. They have been in operation since 1981 and at this location for 13 year(s). They occupy 1985 sq. m and are the major occupant, having 58 full-time 2 part-time employees. The premises are in good condition. The insured is interested in loss prevention, however there have been losses during the last 3 years.

\* Loss History

Stolen vehicle one year ago (used mustang) \$6,000. approximate loss. The safe has also been broken into which has been replaced. Problems with "kids" in the past few months has caused the insured to hire a private guard.

\* Occupancy Description (Insured / major tenant if insured is non-occupant)

New and used automobile dealership with parts sales, auto repairs, auto body shop, various offices and storage.

\* Other Classes of Occupants

None

\* Undersirable Features

some of the parts wash tanks are not equipped with fusible links no alarm system is present Safe is inferior for burglary protection Fencing is not present all way around dealership

Risk is Rateable under the Commercial Property Fire Schedule. It is recommended that this location be resurveyed in 1 year(s).

BUILDING:

- \* Built - 1960 (est.) Height: Storey(s) (excluding basement) - 1=3, 2=3, 1
\* Addition(s) - 1992
\* There are no renovations.
\* Building condition - Good
\* Area: Ground Floor - 1639 sq. m Total (including basement) - 1985 sq. m

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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

BASIC CONSTRUCTION:

- \* Walls - 100% Masonry - pt. Steel framework, pt. conc. framework, Bk/CB Walls Metal Clad
- \* Floors - (excluding basement) 100% Concrete
- \* Roof - 35% - Class I Steel Deck
  - Surface material(s) - Tar and gravel
  - Resurfaced in 1991.
- 60% - 10.2cm. precast conc. slab on unprotected steel
  - Surface material(s) - Tar and gravel
  - Resurfaced in 1991.
- 5% - Pre fab roof of a mobile unit trailer
  - Surface material(s) - Tar and gravel
  - Original roof.

INTERIOR FINISH:

- \* Walls - 30% non-combustible
  - 70% open
- \* Ceilings - 50% non-combustible
  - 50% open

-----

BASEMENTS: None

VERTICAL OPENINGS:

- \* Stairs - Fire rated enclosure

MEZZANINE:

- \* Construction - Wood
- \* Occupancy - Employee lunchroom
- \* Area - 23 sq. m

OUTBUILDINGS: None

-----

HEATING:

- \* Forced warm air hot water - 80% - Natural gas
  - Original installation.
  - Installation appears safe
- \* Suspended Unit Heaters - 20% - Natural gas
  - Original installation.
  - Installation appears safe

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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

- \* Heating appliances - All enclosed in a separate room
- \* Combustible materials - Not stored in this room at time of survey
- \* Fuel Tanks/Supply:
  - Supply - UG Natural Gas Connection
- \* Chimneys:
  - Type B Gas Vent, ULC Labelled - Standard

-----

ELECTRICAL:

- \* Condition - Good and appeared safe at the time of the survey.
- \* Wiring - Conduit, BX
- \* Overcurrent protection - Circuit Breakers.
- \* Electrical system - Original installation.

-----

PLUMBING:

- \* Condition - Good at the time of the survey.
- \* Piping is Copper
- \* Plumbing - Original installation.

-----

EXPOSURES: (within 15m of the risk):

- \* FRONT: OPEN
- \* REAR: OPEN
- \* LEFT: OPEN
- \* RIGHT: OPEN

-----

MUNICIPAL PROTECTION:

- \* The FUS Public Fire Protection Classification is 3
- \* Responding (career) fire department Ottawa
- \* Distance from risk Less than 2.5 km
- \* Access via Paved roads. Year-round.
- \* The building itself is easily accesible to the fire department.
- \* Two hydrants within 155m (standard)





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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

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PRIVATE PROTECTION at this location includes the following:

- \* Standard extinguishers
- \* Guard service - For insured
- \* An automatic sprinkler system is not present.





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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

M U L T I R I S K - L I A B I L I T Y

OCCUPANCY - GENERAL INFORMATION

- \* Neighbourhood is predominantly commercial, residential
- \* Insured - owner/occupant Area occupied - 1985 sq. m
- \* 30% accessible to public. Public access is considered moderate
- \* Gross revenue - \$20,000,000

PREMISES information at the time of this survey

- \* The following appeared to be SATISFACTORY:

Stairs, ramps, handrails; Floor surfaces & coverings; Wall & ceilings; Interior Lighting; Exterior Lighting; Interior Housekeeping; Exterior Housekeeping; Washrooms; Sidewalks, Yards & Parking Lots; Snow & ice removal; Signs & Awnings; Roof attachments; Fire exits

ELEVATING DEVICES

- \* 12 Hoists
  - Current license is not present.
  - Maintenance contract - No





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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

M U L T I R I S K - B A S I C C R I M E

NEIGHBOURHOOD:

- \* Predominantly commercial, residential
- \* Stable
- \* Best described as having a moderate crime rate

BUSINESS:

- \* Description - Automobile dealership with repairs and body shop
- \* Hours of Operation - 7:30 am. - 9:00 pm. Mon. - Fri. 9:00 am. - 6:00 pm. Sat.
- \* Typical Stock - New and used vehicles (new vehicles are not owned) auto parts
- \* Target Stock Details - As above
- \* Smash and Grab exposure is moderate
- \* There is a safe on the premises

GENERAL PROTECTION at the time of this survey:

- \* The following appeared to be SATISFACTORY:
  - Exterior Lighting, Interior Lighting, Roof Accessability, Police Patrols
- \* The following were found to be UNSATISFACTORY, (refere to the Remarks and Recommendations for further details):
  - Permisses fully fenced, Outdoor stock protection, Target stock protection
- \* Security Alarm System - None

PHYSICAL PROTECTION (TENANT or OWNER/OCCUPANT):

- \* The exterior locks at this location are deadbolt, motor locks
- \* The windows are not barred

This report section is designed to provide basic crime information only. More detailed crime information can be obtained by ordering an Expanded Crime Supplement.





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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

M U L T I R I S K - S P R A Y A P P L I C A T I O N S

OCCUPANCY:

Principal occupancy at this location is Auto dealer

- \* Product(s) Applied: - Paint, Primer
- \* Applied in: - Booth
- \* Construction: - Prefabricated
- \* Floor Construction: - Concrete
- \* Spray area: - Standard
- \* Frequency of use: - High
- \* Work done: - Only in intended area

EQUIPMENT:

- \* Compressed air spray gun

VENTILATION:

- \* Ventilation - suitable for this installation
- \* Filtering system - Dry filter
- \* Filtering system - Well maintained.
- \* Ventilation motor - Non-sparking and labelled
- \* Exhaust duct - Suitable

ELECTRICAL:

- \* Electrical equipment located inside the spray area - None
- \* Electrical equipment located outside the spray area - Standard
- \* Lighting fixtures are not labelled
- \* At time of survey, lighting fixtures appeared to be in good repair
- \* Lighting deficiencies - None

DRYER INSTALLATION:

- \* No dryers were found





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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

HAZARDS:

- \* Storage of flammable and combustibile liquid is non-standard
- \* Flammable and combustibile liquids storage
  - In the open, ordinary metal cabinets
  - In spray area, Outside spray area
- \* Labelled safety cans not used
- \* Handling - Safe
- \* Quantity in spray area - 24 litres.
- \* Quantity outside spray area - 250 litres.
- \* As a result of survey, the following were found to be satisfactory:
 

Storage of dirty rags in safety containers; Restriction of smoking; Posting of no smoking signs; Welding/cutting a sufficient distance from spray area; Heating equipment a sufficient distance from spray area; Spray area is not highly congested
- \* As a result of survey the following were found needing attention, please refer to the remarks and recommendations for further details:
- \* Maintenance - Good

-----

PROTECTION:

- \* Portable fire extinguishers - Suitable
  - Well located
- \* Automatic fixed extinguishing system - None
- \* Automatic sprinklers - None



Page: 23  
Project Name: 1047 Richmond  
Road QUOTE

Project #: 21083000552

ENVIROSCAN Report

Multirisk Report - 1994 METRO PLYMOUTH  
CHRYSLER 1047 RICHMOND RD OTTAWA ON K2B  
6R1 Reference No: 10681262

Requested by:  
Eleanor Goolab  
Date Completed: 09/09/2021 12:32:03



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METRO PLYMOUTH CHRYSLER  
1047 RD RICHMOND; OTTAWA, ONTARIO

M U L T I R I S K  
R E M A R K S / R E C O M M E N D A T I O N S  
-----

REMARKS:

\* Fire, Liability & Basic Crime - The insured operates a successful business building and is well maintained. Waste oil is kept outside in an above ground double walled tank which is picked up by Safety Kleen. Some of the parts wash tanks do not have fusible links (recommendation made). There is no alarm system present (recommendation made); Note that the security guard is a private individual and may only be utilized for certain periods. The safe is unacceptable burglar protection (UL Class 350 fire safe) (recommendation made). Fencing should be considered on all sides of the dealership.

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METRO PLYMOUTH CHRYSLER 1047 RD RICHMOND; OTTAWA, ONTARIO

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RECOMMENDATIONS:

- \* 94-01 Fire, Liability & Basic Crime - The parts wash tanks missing fusible links should be replaced with tanks equipped with same.
- \* 94-02 Fire, Liability & Basic Crime - A burglar alarm system should be considered for the occupancy with alarms terminating at a recognized monitoring service.
- \* 94-03 Fire, Liability & Basic Crime - The safe provided should be replaced with a burglar resistant safe having a minimum ULC rating of TL 30. The safe should be alarmed, anchored to the masonry floor and be protected by an area alarm, connected to a central station.
- \* 94-04 Fire, Liability & Basic Crime - Fencing should be extended to all sides of the property, and be provided with gates that are locked on a nightly basis.





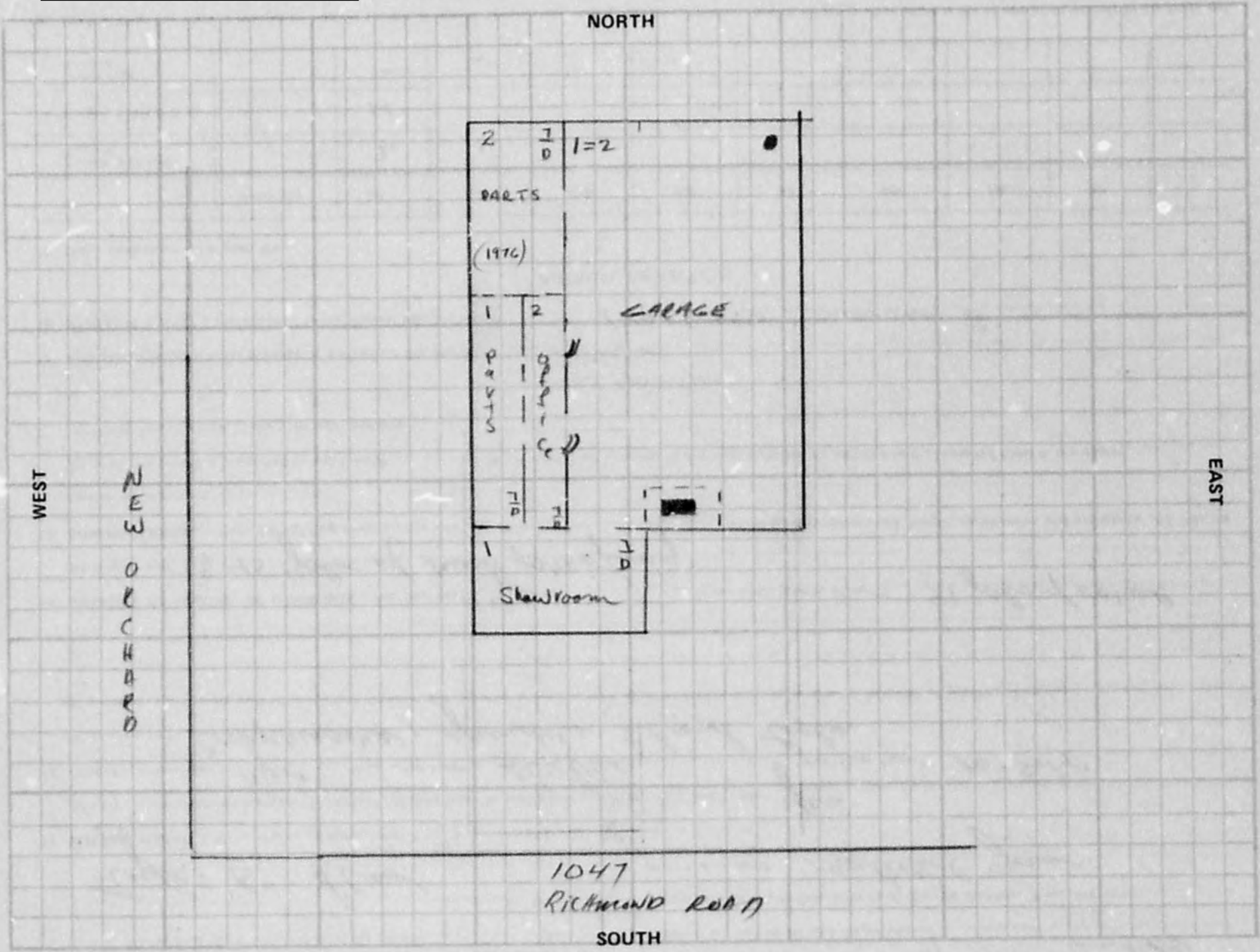
# Siteplan Report - 1976 1047 Richmond Road OTTAWA ON K2B6R1



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**DIAGRAM**

...risk and all property within 100 feet is exactly as shown on the insurance plan.  
 ...of the Risk and indicate their occupancy, show also any openings between adjoining Buildings and all exposed Windows.  
 ...CK, Brick Building with **RED**, Stone or Concrete Buildings with **BLUE** and Brick Veneered, Brick Nogged or Metal Clad.  
 ...es for which purpose a red pencil can be used. Be sure to state exact distance between buildings shown.  
 ...50 feet = 1 inch (same as the Insurance Plans).



**EXPOSURE: Note** - These questions must be answered fully.

North 120 ft. to building built of Fire resistive 1 stories high, occupied as Nursing Home  
 South open " " " " " "  
 East 60 " " frame 1 " " Office  
 West open " " " " " "

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 IAO

DATE Nov 18 1976

SIGNATURE A.K. Hunt

(If submitted by Member Company, state name)

**Page: 27**

Project Name: 1047 Richmond  
Road QUOTE

Project #: 21083000552

**ENVIROSCAN Report**

**COMMERCIAL PROPERTY FIRE INSPECTION  
SURVEY FORM Report - 1982 505432 ONTARIO LTD  
1047 Richmond Road OTTAWA ON K2B6R1**

**Requested by:**  
Eleanor Goolab

Date Completed: 09/09/2021 12:32:03



OPTA INFORMATION INTELLIGENCE

# COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM Report - 1982 505432 ONTARIO LTD 1047 Richmond Road OTTAWA ON K2B6R1

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Mercantile Risk  
 Miscellaneous Risk

COMMERCIAL PROPERTY FIRE INSPECTION SURVEY FORM

(Use this form for all Non-Manufacturing risks, and some Manufacturing risks with five hands or less, of all construction, but excluding Sprinklered properties)

Address : No. 1047 Street/Road Etc., RICHMOND ROAD  
Municipality OTTAWA (Formerly) \_\_\_\_\_  
Owned by: 505432 ONTARIO LTD Occupied by: METRO CHRYSLER AUTO DEALERSHIP  
Age of building ( Built in ) \_\_\_\_\_ : \_\_\_\_\_ : \_\_\_\_\_ . Additions ( Built in ) \_\_\_\_\_ : \_\_\_\_\_ : \_\_\_\_\_ : \_\_\_\_\_ : \_\_\_\_\_ .  
Is building completely finished & out of workmens hands? Yes  ; No  IBC Code: Terr: 63 Ind: 351 Cons: 2 Prot: 2

BASIC CONSTRUCTION - (SECTION II)

- EXTERIOR WALLS:

NSW NSW NSW NSW NSW  
(Refers to compass point direction of wall, i.e. North, South, East or West)  
 INDEPENDENT  BEARING  AND  NON-BEARING  PARTY  PARAPET  
(Describe material & thickness of all walls including make-up of combustible walls & any fire retardant impregnation. Also, check off appropriate wall supports below.)

Part speltan steel framework  
Part-reinforced concrete framework  
BK/CB walls.

COLUMNS OF WOOD  ; HEAVY WOOD (min. 150mm x 300mm)  ; UNPROTECTED STEEL  ; PROTECTED STEEL  , protected by \_\_\_\_\_ having a fire-resistance rating of \_\_\_\_\_ hrs.  
PANELS of Non-Combustible material or GLASS  ; COMBUSTIBLE  (describe) \_\_\_\_\_  
Wall: N. \_\_\_\_\_ % S. \_\_\_\_\_ % E. \_\_\_\_\_ % W. \_\_\_\_\_ %

- FLOORS & ROOF: (Describe Floor & Roof Materials Including Thickness & Nature Of Supports)

Floor Level	% Aut. Spk. Sec	Fire Resistive & Masonry	Fire Res. in Hrs.	Non-Combustible	Combustible
Grade	0%	<u>Poured Concrete</u>	<u>+2</u>		
2ND	0%			<u>Concrete on steel Pan (2 1/2") 6.3cm</u>	
Roof	0%	<u>Precast Concrete Slab 10.2cm - unprotected steel</u>			
Roof	0%			<u>Class I steel deck</u>	

COMBUSTIBLE FLR. on Lowest BASEMENT Level: Yes  ; No  . If Yes, Describe & Give Percentage - \_\_\_\_\_

SECONDARY CONSTRUCTION - (SECTION III)

- HEIGHT: (Nbr.) 251 Storeys High; Basement: Yes  ; No  . (Nbr.) \_\_\_\_\_ Combustible Storeys Without Ground Level Access.

- VERTICAL OPENINGS: Elevators  ; Stairs  ; Other  (describe) \_\_\_\_\_

(Describe Construction & Type of Enclosure (s) & Door (s) Fully)

Elv., S' way or Other	Nbr.	From:	To:	ENCLOSURE(S)	DOOR(S)
STAIRS	2	1ST	2ND	<u>CB OPEN</u>	<u>NONE OR WD NOT S/C</u>

- AREA: Basement : \_\_\_\_\_ x \_\_\_\_\_ ; \_\_\_\_\_ x \_\_\_\_\_ ; \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_ m<sup>2</sup>  
1st. Floor : 35.1 x 38.1 ; 12.2 x 18.3 ; \_\_\_\_\_ x \_\_\_\_\_ = 1560.6 m<sup>2</sup>  
2nd Floor : 38.1 x 9.1 ; \_\_\_\_\_ x \_\_\_\_\_ ; \_\_\_\_\_ x \_\_\_\_\_ = 346.7 m<sup>2</sup>  
3rd (& Other): \_\_\_\_\_ x \_\_\_\_\_ ; \_\_\_\_\_ x \_\_\_\_\_ ; \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_ m<sup>2</sup>  
Separation Walls  (describe) \_\_\_\_\_ . Total Area 1907.3 m<sup>2</sup> **EFFECTIVE AREA: 1907.3 m<sup>2</sup>**

- ROOF SURFACE: Non-Combustible  (describe) \_\_\_\_\_ . Combustible  (describe) \_\_\_\_\_ .  
Patent  . FALSE ROOF over Masonry or Fire Resistive Roof ( ) (describe) \_\_\_\_\_ .

- COMBUSTIBLE CONCEALED SPACES: Combustible Space In Roof  , &/or Ceiling  . If In Roof, Is This An Attic  , Cut Off  , Shut Off  , With Access Limited By Trap(s)/Hatchway(s)  . In Proportion To Total Roof/Ceiling Area COMBUSTIBLE CONCEALED SPACE Comprises \_\_\_\_\_ % In ROOF &/or \_\_\_\_\_ % In CEILING. Describe \_\_\_\_\_ .

- COMBUSTIBLE INTERIOR CONSTRUCTION: Floor Surfacing  (describe & give % of total floor area affected) \_\_\_\_\_  
 Partitions/Walls  (describe & give % of total interior wall area) \_\_\_\_\_  
 Mezzanines/Decks  (describe & give % of total area of floors & roof) \_\_\_\_\_

- INTERIOR FINISH or INSULATION: (Specify Where SPECIAL DAMAGE Materials Are Used)

Specify FLOOR	1ST.	2ND			
Walls:	CB, GYP/CB	CB, GYP			
Ceiling:	OPEN STEEL OPEN CONC.	A.M.T., OPEN STEEL			
Interior Partitions:	CB.	CB.			
Smoke Developed	-	-			
Flame Spread	-	-			

Ordinary Damage Materials Attached To Fire Resistive or Non-Combustible Walls  and/or Ceiling

- COMB. EXTERIOR ATTACHMENTS OR FINISH: Attachments  Comprise Of (describe & give chargeable %) \_\_\_\_\_  
 Finish  Comprises Of (describe & give chargeable %) \_\_\_\_\_  
 Smoke Developed - 200 or Less ; Over 200 ; Flame Spread Rating \_\_\_\_\_  
 None Of The Above . Are Attachments/Finish Attached/Applied To Fire Resistive or Non-Comb., Walls or Roof? Yes ; No .

- BUILDING CONDITION: Moderate , Major , Extreme Deficiencies . Describe Sub-Standard Structural Conditions \_\_\_\_\_

COMMON HAZARDS - (SECTION VII, Items 720-724)

- HEATING: Building Heated? Yes ; No . Borrowed Heat . Describe Heating System Including Controls & Fuel Used: Hot Water and susp. hot air units - natural gas  
 Describe Chimney(s) & Deficiencies If Any: Std installation and venting

- ELECTRICAL: FUSES: Type "S" ; Type "C" & Rejector System ; Circuit Breakers ; ORDINARY ; Used Exclusively .  
 Aluminum Wiring ; Rigid Conduit ; Other  (describe) Bx. Open .  
 Electrical Equipment Defects: None ; Minor ; Moderate ; Major ; Serious . Describe Condition: \_\_\_\_\_

- HOUSEKEEPING: See General Underwriting Comments Section (Page 3)  
MUNICIPAL PROTECTION - (SECTION IX)

- FIRE DEPARTMENT: Risk Within 2.5 km Of Nearest Fire Hall? Yes ; No . If No - State Distance To Fire Hall: \_\_\_\_\_ km.
- HYDRANTS: Two Hydrants Within 155m of Risk? Yes ; No . And All Parts Of Building Within 155m Of At Least One Hydrant? Yes ; No . MAINS - 150mm ; 200mm ; 300mm . Other (describe) \_\_\_\_\_  
 Circulating ; and/or Dead End  Mains. Describe Deficiency (if any): \_\_\_\_\_
- ACCESSIBILITY: Risk Accessible At Least On One Side By Street 15m In Width? Yes ; No . If No - Describe \_\_\_\_\_
- CONGESTED AREA: Congested/Conflagration Hazard Prevails? Yes ; No . If Yes, Describe Under General Underwriting Comments.
- PRIVATE PROTECTION: Is There Exclusive Private Protection . Or Supplement To Municipal Protection ( ). Describe \_\_\_\_\_

INTERNAL PROTECTION - (SECTION XI)

- MANUAL FIRE FIGHTING EQUIPMENT: Standard ; Non-Standard . (See Occupancy Section, page 3).
- WATCHMAN SERVICE: Standard . Including Proprietary Supervision . Including Central Station Supervisory Ser. .  
 Describe: \_\_\_\_\_
- AUTOMATIC FIRE DETECTION SYSTEM: Full Protection ; Partial Protection (i.e. Minimum Requirements) ; Describe (& Attach Form No. 2184-6/80, for Automatic Fire Alarm Detection Systems, After Completion) \_\_\_\_\_
- PARTIAL AUTOMATIC SPRINKLER SYSTEMS: Acceptable Waterflow Alarm To Approved CENTRAL STATION . No Such Alarm . Total area Protected by Automatic Sprinklers Comprises \_\_\_\_\_ m<sup>2</sup>.
- OTHER LIMITED AUTOMATIC FIRE PROTECTION SYSTEMS: Area Protected by: HALON ; CO<sub>2</sub> ; HIGH EXPANSION FOAM ; Other (describe) \_\_\_\_\_, Comprises \_\_\_\_\_ m<sup>2</sup>.  
 (Other Than A.S.)

- continued -



# SURVEY FOR RATING FIRE RESISTIVE RISK Report - 1976 AUTO DETAILING 1047 Richmond Road OTTAWA ON K2B6R1



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SY  
ATION

ONTARIO REGION

SURVEY FOR RATING FIRE-RESISTIVE RISKS (excluding Sprinklered bldgs.) OF ALL CLASSES.

IBC CODE: TEST. 63 IND. 59 CONS. 2 PROT. 2

Location (Town and Street) OTTAWA RICHMOND RD Ins. Plan-S 338 B. 2257 No. 1047  
 Owned by Parkway Chrysler Plymouth Ltd Occupied by Same  
 For a Auto dealership No. of hands .....

Is building completely finished and out of workmen's hands? .....

OCCUPANCY

Give occupancy, kind of work, processes, machinery and number of hands on each floor

Basement .....

1st Showroom, parts dept, repair garage & rust proofing

2nd Office, boiler room & parts storage.

3rd .....

4th .....

5th .....

6th .....

CONSTRUCTION OF BUILDING

1. TYPE OF CONSTRUCTION - Floors & Roof Carried on:

- |                                                                                      |                                                            |
|--------------------------------------------------------------------------------------|------------------------------------------------------------|
| (a) Skeleton Steel Framework <u>Showroom &amp; parts.</u> <input type="checkbox"/>   | (d) Bearing Walls & Steel Columns <input type="checkbox"/> |
| (b) Reinforced Concrete, Framework <u>garage</u> <input checked="" type="checkbox"/> | (e) Steel on Steel Walls & Roof <input type="checkbox"/>   |
| (c) Bearing Walls & Partitions <input type="checkbox"/>                              | (f) Other Construction <input type="checkbox"/>            |

(Describe fully) .....

2. WALLS - State construction of external walls. Brick on H.C.B.

If bearing walls give thickness of walls in inches at each floor .....

3. ROOF AND FLOOR - Materials

- |                                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Roof <input type="checkbox"/>              | Floors <input type="checkbox"/>            | (a) Concrete, reinforced - Poured in place ..... inches thick                                                                                                                                                                                                                                                                                                                                                                       |
| Roof <input type="checkbox"/> <u>parts</u> | Floors <input checked="" type="checkbox"/> | (b) Concrete, on metal pan - Poured in place <u>2 1/2</u> inches thick                                                                                                                                                                                                                                                                                                                                                              |
| Roof <input checked="" type="checkbox"/>   | Floors <input type="checkbox"/>            | (c) Concrete, Precast Units <u>3-4</u> inches thick <u>?</u><br>(Name of Manufacturer)                                                                                                                                                                                                                                                                                                                                              |
| Roof <input checked="" type="checkbox"/>   | Floors <input type="checkbox"/>            | (d) Steel Deck, Construction #1 <input checked="" type="checkbox"/> Otherwise <input type="checkbox"/><br>*If Construction #1 State method of attaching insulation to steel deck and type of insulation<br>Mechanical Fasteners <input type="checkbox"/> * Adhesive <input type="checkbox"/> Otherwise <input type="checkbox"/><br>*If adhesive state trade name <u>unknown</u><br>Type of insulation on steel deck <u>tin test</u> |
| Roof <input type="checkbox"/>              | Floors <input type="checkbox"/>            | (e) Other Materials - Describe and Show Thickness                                                                                                                                                                                                                                                                                                                                                                                   |



**ROOF AND FLOOR — Method of support**

- |                                          |                                            |                                                                                          |
|------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------|
| Roof <input checked="" type="checkbox"/> | Floors <input checked="" type="checkbox"/> | (a) Unprotected Steel Beams.                                                             |
| Roof <input type="checkbox"/>            | Floors <input type="checkbox"/>            | (b) Steel Beams Protected by ..... inches of .....                                       |
| Roof <input type="checkbox"/>            | Floors <input type="checkbox"/>            | (c) Reinforced Conc. Beams — Poured in place.                                            |
| Roof <input type="checkbox"/>            | Floors <input type="checkbox"/>            | (d) Precast Concrete Structural Units ..... inches thick .....<br>(Name of Manufacturer) |
| Roof <input type="checkbox"/>            | Floors <input type="checkbox"/>            | (e) Bearing Walls Only. No Supporting Steel.                                             |

If building is composed of more than one type of construction, identify sections of floor involving each type and indicate on plan.

- (a) Is there any roof space exceeding 3 feet in height? NO If so, for what purpose is it used? .....
- How is access obtained thereto? ..... If by trap or door, describe type .....
- (b) Are all skylights of wired glass in metal frames? .....
- (c) Is there any wood in roof, louvres, ventilators or skylights; if so give details NO .....
- (d) Is there a wood roof laid over an incombustible one? — If so, how is it supported? .....
- (e) If so, what is the maximum and minimum height of this above the incombustible roof? .....
- (f) Is the incombustible roof broken by Texas, louvres, ventilator, trapdoor, skylight, stair, elevator, other shafts? .....
- Is so, what is the construction of the sides through roof space? .....
- Is there any access or opening from these shafts to the roof space? Describe each separately .....
- (g) Is there a superstructure, water cooling tower, or Penthouse of any kind on the roof? NO If so, give dimensions, construction and occupancy .....
- How is access obtained? .....
- (h) Is there a wood wearing floor? ..... If so, on which storeys? .....
- (i) Is it laid directly on incombustible floor or with an airspace? Describe .....
4. **STEEL COLUMNS AND BEAMS** — Are they fireproofed? NO If "Yes" state nature and thickness of such protection.
- (a) Columns .....
- (b) Beams .....

**FLOOR OPENINGS**

5. **STAIRWAYS** — How many, and state from which floor to which? 2 - 1st to 2nd .....
- Is there an enclosure around them? yes If so, describe construction of enclosure, and the doors, and whether doors are self-closing HEB shafts .....
- No doors or wood doors not self closing .....
6. **ELEVATORS** — How many, and state from which floor to which? — .....
- Is there an enclosure around them? ..... If so, describe construction of enclosure, and the doors, and whether doors are self-closing .....
7. **CHUTES, VENTS, DUMB WAITERS & BELT HOLES & OTHER FLOOR OPENINGS** — Give size, construction of enclosure (if any), type of door (if any), and whether self-closing, stating which floors are cut by each, — .....
8. **HEATING AND VENTILATING DUCTS** — Are there any? — (a) Are ducts, which cut through floor, in masonry shafts .....
- (b) Give construction of shaft ..... (c) State whether separate duct to each floor without communication to other floors .....
- (d) Do ducts open into roof space? .....
9. **HEIGHT** — State number of floors and whether there is a basement 2 & 1 = 2 no basement .....
10. **AREA** — Give ground floor dimensions 115 x 125 & 40 x 60 = 14,375 sq ft. .....

11 INTERIOR FINISH -

State separately for each floor, finish and method of attachment to walls and ceiling (if more than one type of finish is present on any one floor, state percentage of each type)

	Basement	1st	2nd	3rd	4th	5th	6th
(a) Walls	/	HEBIN	HEBIN GYP				
(b) Ceilings	/	HLP open	TT & open				
(c) Partitions		HEB	HEB				

State extent of any wood partitions, or partitions having wood supports in square feet separately for each floor:-

Battery charging room 25' x 12' x 8' high of frame construction

(d) Is there any other inside or outside combustible finish or trim other than above? Describe fully

12. HEATING - What is the system of heating the building? Hot water & Radiator. Where is heating plant located? Megawatt & Suspended units. Is it in fire-resistive room with standard fire door? Are there any stoves; if so, how many and where located

Type "B" floor

Do any heating devices vent otherwise than to brick or concrete chimney; if so, give details

What fuel is used? natural gas

13. ELECTRIC WIRING - All wiring is in Rigid Conduit  Otherwise

Are all circuits protected by type "S" tamper resisting fuses or non-interchangeable circuit breakers? yes

14. POWER - Is any used? yes. If so, what kind? electric. Total Horse Power? 20-30 HP

What used for? Compressors, grinders & hand tools

If gasoline engine, state method of ignition, location and capacity of supply tank, whether feed is pressure or gravity, quantity of gasoline in engine

15. GASOLINE OR BENZINE, OR OTHER OILS - Are any kept? yes. If so, what quantity of each? 45 gals of varrol

What used for? 45 gals of red proofing

16. COMMUNICATIONS - Does the building communicate with any other building? (a) If so, give dimensions, height, construction and occupancy and indicate clearly on diagram

(b) If so, are buildings separated by solid wall? (c) If so, are all openings in this wall protected by self-closing U.L. labelled Class A fire doors?

(d) If not, describe type of doors on each opening

PUBLIC PROTECTION

17. FIRE DEPARTMENT - State distance to the nearest fire station 2 miles

18. HYDRANTS - What is the distance to the nearest two hydrants? 150 & 350. Give size of main 8"

INTERNAL PROTECTION

19. Show number units for each floor:

	Basement	1st	2nd	3rd	4th	5th	6th	7th	8th
Extrgs. 2 1/2 Gal. Class A		2	1						
Extrgs. Class B & C		4							
Stand Pipe & Hose		-	-						

20. WATCHMAN - Is there a Watchman making rounds of the whole premises, nights, Sundays, holidays, and at all times when plant is not in operation, rounds being 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?

(a) Does he use a portable clock, electric detector, or report to central station?

(b) Give name of manufacturer of clock (c) Does it bear approval label of Underwriters' Laboratories

(d) Are the stations sufficient and so located that the Watchman must traverse each flat and every portion be visible to him?

21. AUTOMATIC FIRE DETECTION SYSTEM - If such system is present provide details on questionnaire obtainable from IAO

**COMMERCIAL PROPERTY FIRE RATING FORM  
Report - 1982 METRO CHRYSLER 1047 Richmond  
Road OTTAWA ON K2B6R1**

**Requested by:**  
Eleanor Goolab

Date Completed: 09/09/2021 12:32:03



OPTA INFORMATION INTELLIGENCE

# COMMERCIAL PROPERTY FIRE RATING FORM Report - 1982 METRO CHRYSLER 1047 Richmond Road OTTAWA ON K2B6R1



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COMMERCIAL PROPERTY FIRE RATING FORM

CODING

IND.	TERR.	CONS.	PROT.
551	63	2	2

LOCATION Ottawa NAME Metro Chrysler FILE NO. \_\_\_\_\_  
 ADDRESS 1047 Richmond Road Insp'd. by C. Lafleur Date 7/5/82  
 Rated by C. Lafleur Date 11/5/82

BASIC CONSTRUCTION: (SECTION II)

WALLS (ITEMS 210-215)

Construction Class 2 Bldg. Comb. Class M3

WALL AREA	MASONRY		FIRE RES.		NON COMB	COMB	DETAIL OF WALL CONSTRUCTION	% OF WALL PERIM	POINTS
	Wall Type	Wall Thick.	Dam. Type	Fire Res.					
	W-1	+20.3	D-1	2 HR			BK/CB	100 % x	-
	W-		D-	HR				% x	
	W-		D-	HR			Part Shelton Steel	% x	
	W-		D-	HR			framework	% x	
	W-		D-	HR				% x	
Columns in (or adjacent to) non-bearing masonry walls: Unprot. metal <input checked="" type="checkbox"/> Comb. <input type="checkbox"/>								% x	70
Panels in masonry or fire resistive walls: Comb. <input type="checkbox"/> Non-comb. <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Slow burning <input type="checkbox"/>								30 % x	20
Special Conditions (Describe).....								% x	

CHARGES
-
-
-
-
-
-
70
6
-
-
-
-
157
150
307
.307

FLOOR(S) AND ROOF (ITEMS 220-223)

LEVEL	DIMENSIONS	MAS. or F.R.		NON COMB	COMB	DETAILS OF FLOOR/ROOF MATERIALS	% of Total Floor/Roof Area	POINTS
		Dam. Type	Fire Res.					
Grade	1560.6	D-1	2 HR			Poured Concrete	45 % x	-
2ND	346.7	D-	-1 HR			Concrete on Steel Pan 6.3cm	10 % x	140
		D-	HR				% x	
ROOF	570.0	D-	-1 HR			Class I steel Deck	16 % x	200
Roof	990.6	D-	HR			Precast Concrete slab 10.2cm	29 % x	120
						unprotected steel		

3467.9

Total Basic Construction Charges:  
 Schedule Base ..... +  
 Building Base ..... =

Building Base x 1.0 Comb. Modifier (ITEM 230) x .001 = BASIC BUILDING RATE:

(carried fwd. overleaf) \*

SECONDARY CONSTRUCTION: (SECTION III)

Height: (ITEM 300) Nbr. Storeys 2 1/2 Bast. NO Comb. Stories (Without ground level access) -

Type	Fm	To	Enclosure	Doors	% Chge.
V4	1ST	2ND	OPEN	NIL	20
					+
					+

Area: (ITEM 320) 1ST 1560.6, 2ND 346.7 x .....  
 Grade Floor Area 1560.6 Total Area 1907.3 Effective Area 1907.3 20

Roof Surface: (ITEM 330) Approved  Other (Described).....

Combustible Concealed Spaces: (ITEM 340) Roof Space; Percentage of total roof area -% .....  
 Ceiling Space; Percentage of total floor area -% .....

Combustible Interior Construction: (ITEM 350)  
 Floor Surfacing; Percentage of total floor area -% .....  
 Interior Walls or Partitions; Percentage of total exterior wall area -% .....  
 Mezzanines or Decks; Percentage of total floor/roof area -% .....

Combustible Interior Finish or Insulation: (ITEM 360)  
 Walls: Percentage of total area of exterior walls; Ord. Dam. -% Spec. Dam. -% .....  
 Roof & Floor(s): Percentage of total area of ceilings; Ord. Dam. -% Spec. Dam. -% .....

Combustible Exterior Finish or Attachments: (ITEM 370) .....

Building Condition: (ITEM 380) Good ; Average ; Poor ; .....

Total Secondary Construction Charges: 40

(carried fwd. overleaf) \*\*

St. No. Floor	Floor Area	% of Total Area	Occ'y Item No.	Name and Description of Occupancy and Hazards	Basic Occ'y Charge	Hazard Charges	Sep'd. Occ'y Factor	Total Occ'y Charge	Comb. Cl.	Susc. Cl.	Ind. Code
Common Hazards Applicable to Building				Hot Water & Hot air gas		3					
1047	1907.3	100%		auto repair garage - auto	75		-	75	M3	S3	551
			508	sales showroom							
			D	dealership							
				O/A welding		-					
				standard degreasing kit		-					
				Std. extinguishers				18			
			730-2	10 gallons of flammables		18		18			
			C-5-B	kept in storage - no dispensing done				93			
TOTAL				1907.3							551

Building IND. CODE 551

Major Occupancy Charge (largest occupant; by area occupied) ..... 93 %  
 20% of \_\_\_\_\_ (next 10 highest additional Total Occupancy Charges) ..... 0 %  
 Common Hazards applicable to the Building ..... 3 %  
 Net Occupancy Charge ..... 96 %  
 L1, L2 Area \_\_\_\_\_ %  
 Net Occupancy Charge x \_\_\_\_\_ Occ'y Mod. Factor (ITEM 418) ..... = — %  
 \*\* Total Secondary Construction Charge (brought forward from overleaf) ..... + 40 %

EXPOSURE: (SECTION VIII) Non Chargeable

Facing Wall of Exposure					Facing Wall of Risk			Exposure Distance
Masonry Semi Prot.	Masonry Unprot.	Non-Comb.	Comb.	Comb. Cl.	Lth./H*	Comb. & Non-Comb.	Masonry Unprot.	
								—
								—

Exposure Charge ..... + — %  
 Party Wall Exposure Charge (ITEM 831) ..... + — %  
 Communication Charge (ITEM 832) ..... + — %  
 + 100 %

(brought forward from overleaf) BASIC BUILDING RATE .307 x 236 % = UNPROTECTED BLDG. RATE .724

MUNICIPAL PROTECTION: (SECTION IX)

F.U.S. Prot. Class 3 Revised Prot. Class \_\_\_\_\_  
 Dist. to Hydrants: Stdr.  Non Stdr.  .....m. Accessibility: Good  Poor   
 Dist. to Fire Hall: Stdr.  Non Stdr.  .....km. Congested Area: Yes  No   
 Unprotected Bldg. Rate x .44 Protection Class Factor ..... = PROTECTED BLDG. RATE .318

BUILDING ADJUSTMENT FACTOR: (SECTION X)

Protected Bldg. Rate x 1.06 Building Adjustment Factor ..... = GROSS BLDG. RATE .337

INTERNAL PROTECTION: (SECTION XI)

Extinguishers Stdr.  3 % Credit W. & C. Stdr.  \_\_\_\_\_ % Credit  
 S.P. & H. Stdr.  \_\_\_\_\_ % Credit Automatic Fire Detection System Stdr.  \_\_\_\_\_ % Credit  
 Automatic Sprinklers  (Describe) ..... % Credit  
 Other Auto. Protection  (Describe) ..... % Credit  
 GROSS BLDG. RATE .337 Less 3 % = .327 Less \_\_\_\_\_ % = \_\_\_\_\_ Less \_\_\_\_\_ % = FINAL BLDG. RATE .327 *n/c*

CONTENTS RATES (SECTION XII)

MAY 25 1982 N.T.

ITEM → 1200 1210 1220

Ind. Code	Susc. Class	OCCUPANCY	Susc. Charge	Hazards Adj.	Conts. Adj. Factor	Adj. Conts. Charge	Gross Bldg. Rate	Gross Conts. Rate	Int. Prot. Factor	FINAL CONTS. RATE
551	53	auto Repair Garage	.40	x 1.18	x .80	= .378	+ .337	= .715	x .95	= .679 <i>n/c</i>
				x	x	=	+	=	x	=
				x	x	=	+	=	x	=
				x	x	=	+	=	x	=
				x	x	=	+	=	x	=

# STANDARD KEY OF SIGNS

ADOPTED BY BOARD ASSOCIATIONS IN CANADA

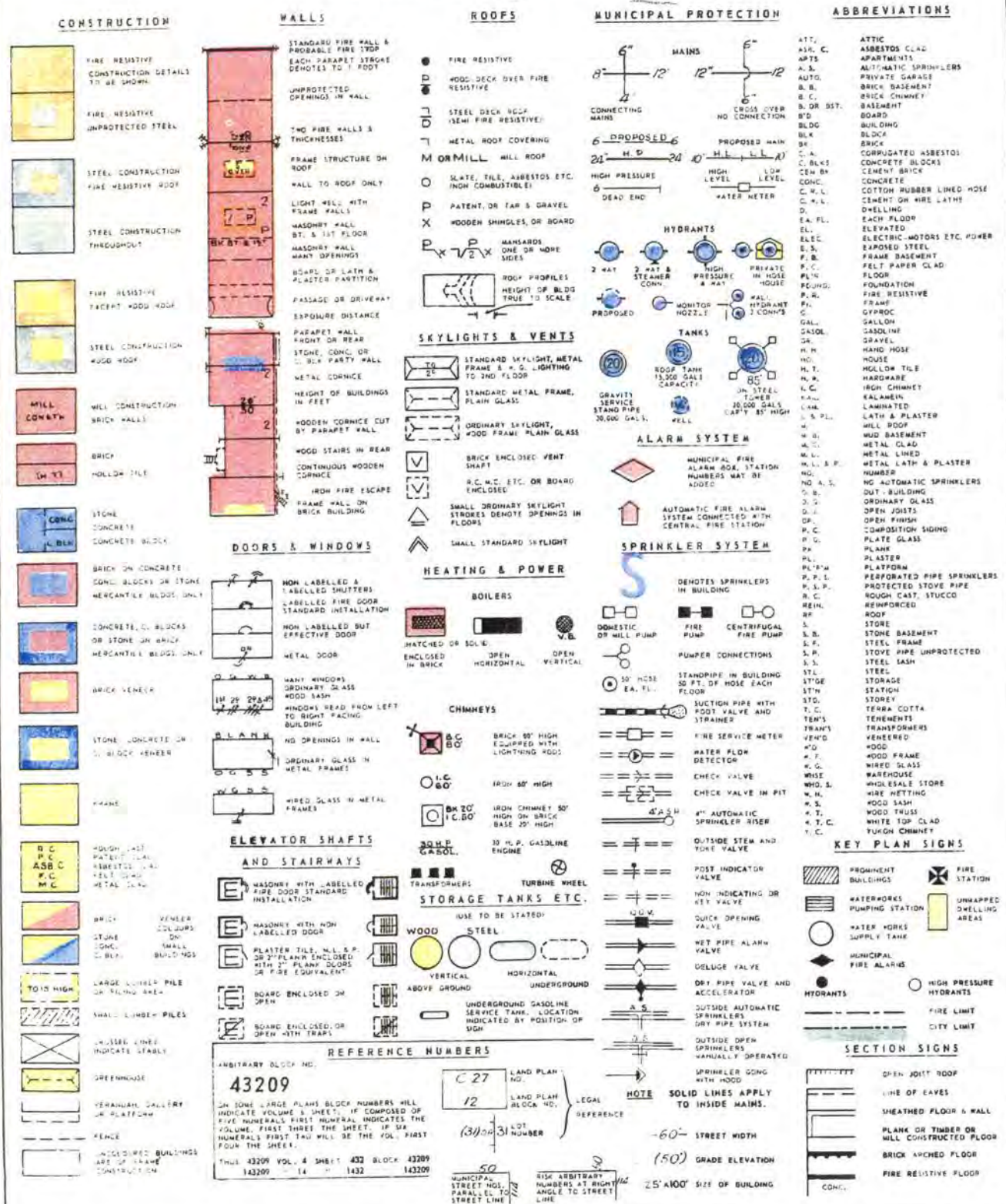
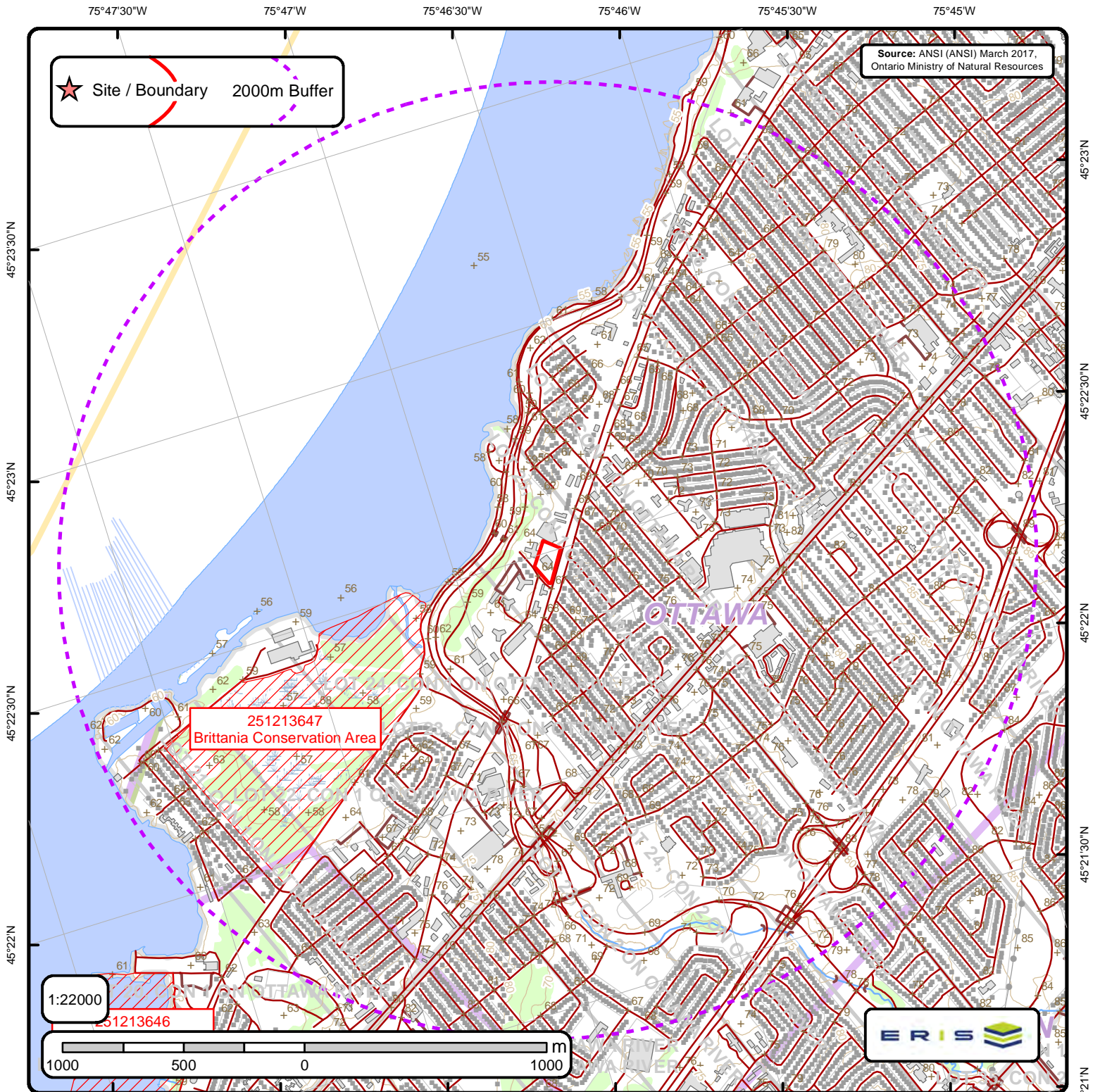
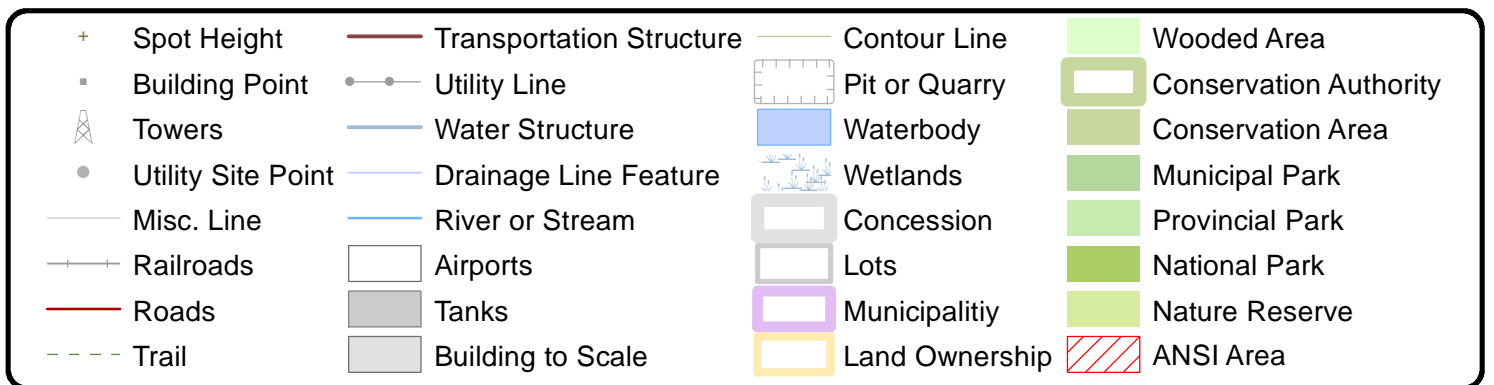


Figure 2: Standard Key of Signs, Adopted by Board Associations in Canada (col)



## Area of Natural & Scientific Interest (ANSI) Order No. 21083000552





# ANSI Report

ANSI Units Found within 2000 m of  
1047 Richmond Road

Page 1  
Order No.  
21083000552



**ANSI Name:** Britannia Conservation Area

**ID:** 251213647 | **Type:** Candidate ANSI, Life Science | **Significance:** Provincial | **Management Plan:** No | **Area (sqm):** 614082.75 |

**Comments:**



75°47'30"W

75°47'W

75°46'30"W

75°46'W

75°45'30"W

75°45'W



Source: Ontario Base Mapping (OBM), 2010. Ontario Ministry of Natural Resources

45°23'30"N

45°23'N

45°22'30"N

45°22'N

45°23'N

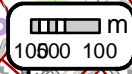
45°22'30"N

45°22'N

45°21'30"N

45°21'N

1:22000



# Ontario Base Mapping (OBM) Data

Order No. 21083000552

+ Spot Height (metre)	— Transportation Structure	— Contour Line	Wooded Area
■ Building Point	— Utility Line	▭ Pit or Quarry	▭ Conservation Authority
⊕ Towers	— Water Structure	▭ Waterbody	▭ Conservation Area
● Utility Site Point	— Drainage Line Feature	▭ Wetlands	▭ Municipal Park
— Misc. Line	— River or Stream	▭ Concession	▭ Provincial Park
— Railroads	▭ Airports	▭ Lots	▭ National Park
— Roads	▭ Tanks	▭ Municipality	▭ Nature Reserve
- - - Trail	▭ Building to Scale	▭ Land Ownership	

**APPENDIX C**

# Regulatory Responses

**From:** [Public Information Services](#)  
**To:** [Brear, Jaime](#)  
**Subject:** RE: 21494078 TSSA Database Search  
**Date:** September 9, 2021 3:21:20 PM  
**Attachments:** [image003.jpg](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)  
[image007.png](#)  
[image008.png](#)  
[image009.png](#)

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## EXTERNAL EMAIL

**Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.**

### **NO RECORD FOUND**

Hello,

Thank you for your request for confirmation of public information.

- We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

For a further search in our archives please complete our release of public information form found at [https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?\\_mid\\_=392](https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392) and email the completed form to [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org) along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Mariah



### **Public Information Agent**

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)

[www.tssa.org](http://www.tssa.org)



**From:** Brear, Jaime <[Jaime\\_Brear@golder.com](mailto:Jaime_Brear@golder.com)>

**Sent:** September 9, 2021 2:11 PM

**To:** Public Information Services <[publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)>

**Subject:** 21494078 TSSA Database Search

**[CAUTION]:** This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good morning,

May you please perform a TSSA database record search for any underground storage tanks, registered fuel tanks, outstanding instructions, incident reports, fuel oil spills or contaminations records for the following locations. We found additional

information that lead us to this address:

- 1047 Richmond Road, Ottawa, Ontario

Thanks,

**Jaime Brear (BA)** (she/her)

*Environmental Scientist*

Golder Associates Ltd.

100 Scotia Court, Whitby, Ontario, Canada L1N 8Y6

**T:** +1 905 723 2727 | **D:** +1 905 723 2727 x6612 | [golder.com](http://golder.com)

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**APPENDIX D**

**Site Photographs**



Photo 1 – Body Shop entrance, westside of the building looking north.



Photo 2 – Service bay entrance, westside of the building

CLIENT  
Fengate Development Holdings LP

ADDRESS  
1047 Richmond Road, Ottawa, ON

CONSULTANT

TITLE



DATE October 15, 2021  
PREPARED BY GS  
REVIEWED BY X

Photographic Record

PROJECT NO. 21494078



Photo 3 – West side of the building, looking north



Photo 4 – Waste oil AST, north side of the building, looking southeast

CLIENT  
Fengate Development Holdings LP

ADDRESS  
1047 Richmond Road, Ottawa, ON

CONSULTANT

TITLE



**GOLDER**  
MEMBER OF WSP

DATE October 15, 2021

PREPARED BY GS

REVIEWED BY X

Photographic Record

PROJECT NO. 21494078



Photo 5 – Garage bay door exit, metal storage bin, oil staining on the pavement, used oil containers, Northside of the building



Photo 6 – Garage bay door exit, Northside of the building.

CLIENT  
Fengate Development Holdings LP

ADDRESS  
1047 Richmond Road, Ottawa, ON

CONSULTANT

TITLE



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DATE October 15, 2021

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REVIEWED BY X

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Photo 7 – Tire storage containers and deck, previous UST thought to be where deck is now located. Northside of the building

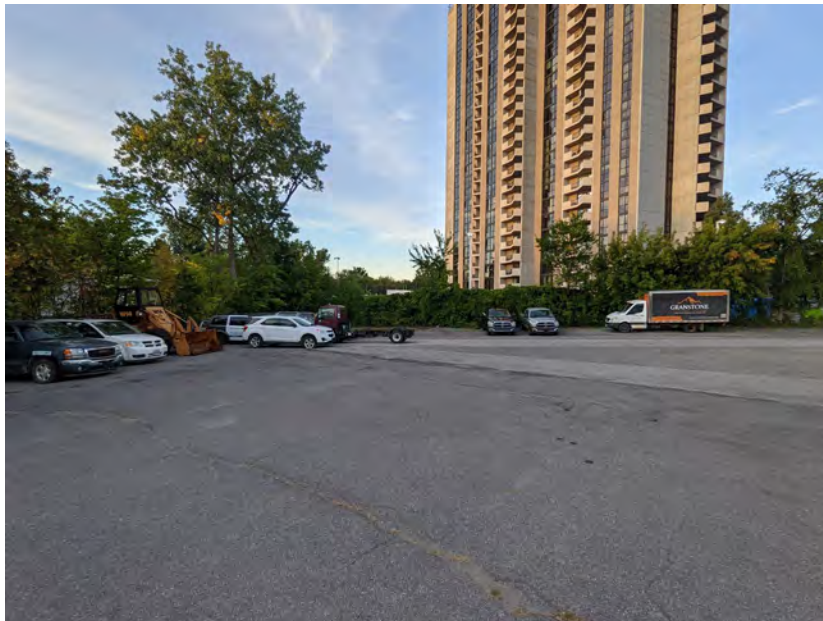


Photo 8 – Parking lot, northside of the building, facing northeast

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MEMBER OF WSP

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ADDRESS

1047 Richmond Road, Ottawa, ON

TITLE

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Photo 9 – Eastside of the building, facing southwest



Photo 10 – Suspended transformers, westside parking lot entrance, adjacent to New Orchard Ave, facing south

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DATE October 15, 2021

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PROJECT

1047 Richmond Road, Ottawa, ON

TITLE

Photographic Record

PROJECT NO. 21494078



Photo 11 - Suspended transformers, westside parking lot entrance, adjacent to New Orchard Ave, facing northeast



Photo 12 – Motor oil ASTs located inside the building

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Fengate Development Holdings LP

ADDRESS  
1047 Richmond Road, Ottawa, ON

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TITLE



DATE October 15, 2021

Photographic Record

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Photo 13 – Washer fluid tote suspended inside the building



Photo 14 – Garage driveway, drains located in the center of the garage along the length of the floor. Looking north

CLIENT  
Fengate Development Holdings LP

PROJECT  
1047 Richmond Road, Ottawa, ON

CONSULTANT

TITLE



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Photo 15 – Hoists in the garage, along eastside

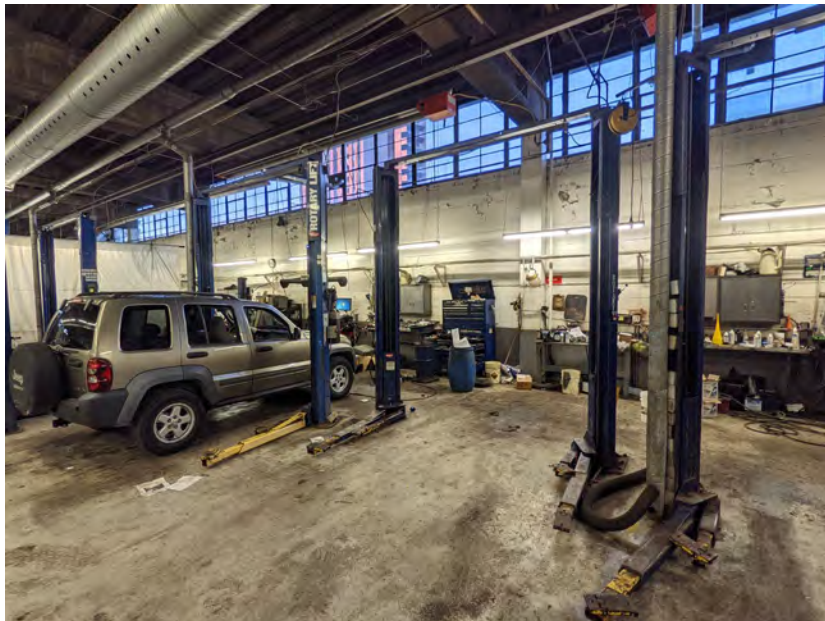


Photo 16 - Hoists in the garage, along eastside

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Fengate Development Holdings LP

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PROJECT  
1047 Richmond Road, Ottawa, ON

TITLE

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Photo 17 – Hydraulic hoist, located in the southeast side of the garage



Photo 18 - Hoists in the garage, along westside

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1047 Richmond Road, Ottawa, ON

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TITLE



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DATE October 15, 2021

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PROJECT NO. 21494078

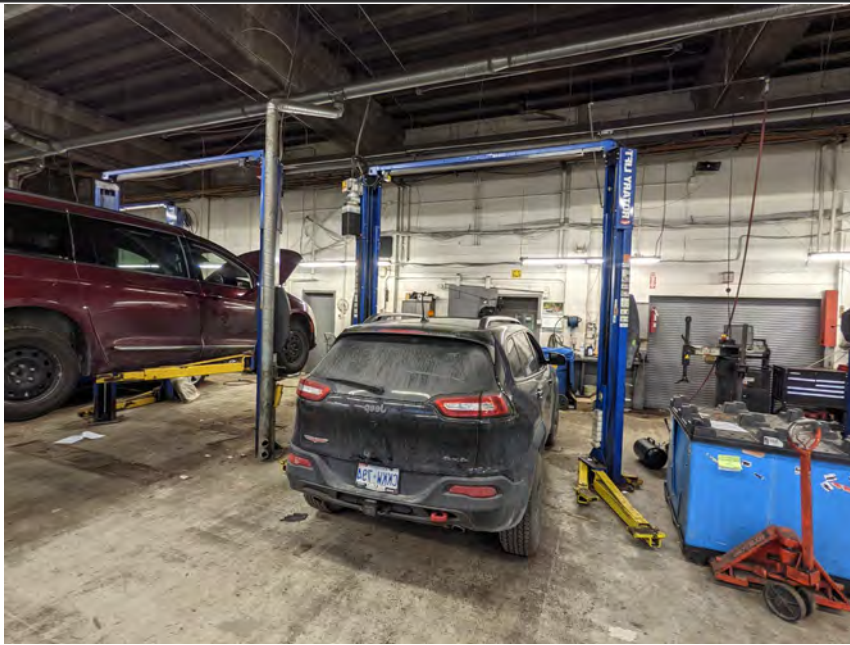


Photo 19 - Hoists in the garage, along westside



Photo 20 – Wash bay northeast side of the garage

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Fengate Development Holdings LP

ADDRESS  
1047 Richmond Road, Ottawa, ON

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TITLE



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Photo 21 - Hoists in the garage, along the eastside



Photo 22 – Exterior of the paint booth, northside of the shop

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ADDRESS  
1047 Richmond Road, Ottawa, ON

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TITLE



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DATE October 15, 2021

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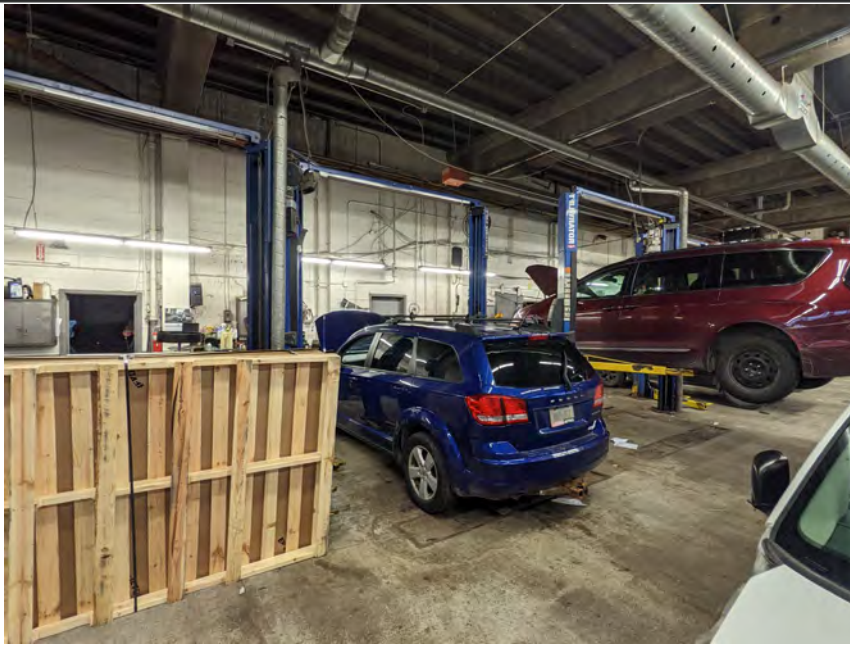


Photo 23 - Hoists in the garage, along the westside



Photo 24 - Hoists in the garage, along the westside

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1047 Richmond Road, Ottawa, ON

TITLE

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Photo 25 – Tire balancing machine, eastside of the garage



Photo 26 – Compressor and tire balancing room, eastside of the garage

CLIENT  
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ADDRESS  
1047 Richmond Road, Ottawa, ON

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Photo 27 – Interior of the paint booth



Photo 28 – Exhaust for the paint booth

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TITLE

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Photo 29 – Paint mixing room, northside of the shop

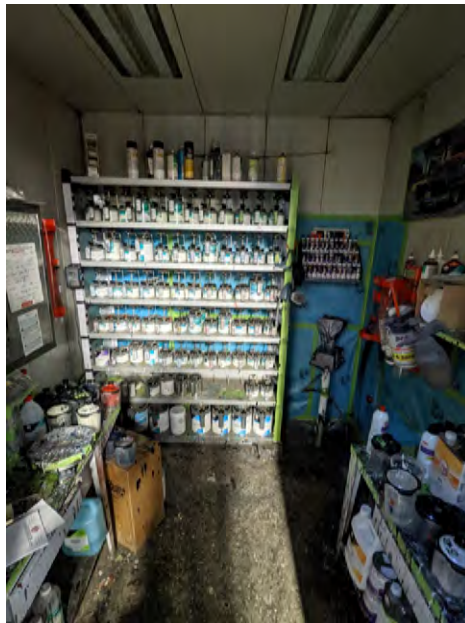


Photo 30 – Interior of the mixing booth

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Fengate Development Holdings LP

ADDRESS  
1047 Richmond Road, Ottawa, ON

CONSULTANT

TITLE



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DATE  
October 15, 2021

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PROJECT NO. 21494078



Photo 31 – Interior of the body shop, westside of the building



Photo 32 – Looking down Ambleside drive to the southwest

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Fengate Development Holdings LP

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1047 Richmond Road, Ottawa, ON

CONSULTANT

TITLE



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Photo 33 – Looking down New Orchard Ave N, northwest



Photo 34 – Looking across Richmond road towards the southeast from Site

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DATE: October 15, 2021

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ADDRESS

1047 Richmond Road, Ottawa, ON

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Photo 35 – Tungasuvvingat Inuit building, along Richmond Road, southwest from Site



Photo 36 – Honda dealership along Richmond Road, southwest from Site

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Fengate Development Holdings LP

ADDRESS  
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CONSULTANT

TITLE



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DATE October 15, 2021

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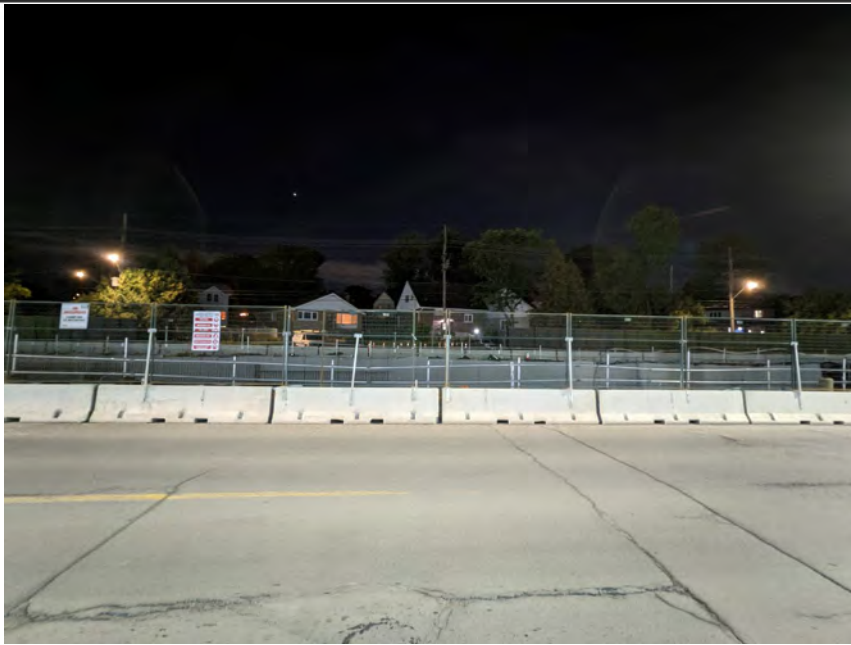


Photo 37 – Looking southeast over Richmond Road



Photo 38 – Tim Hortons along Richmond Road, northeast from the Site

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**APPENDIX E**

**HLUI**



OTTAWA RIVER

SIR JOHN A MACDONALD PKY

670H18

679E7F

679EEK

679G1Q

679G7O

679F6H

679FFI

679G8V

AMBLESIDE DR

679FA1

679AP5

670HBH

679B6X

679AOP

679A17

BYRON AVE

HARCOURT AVE

ALLISON AVE

JOANNE AVE

ANTHONY AVE

KNIGHTSBRIDGE RD

WOODROFFE AVE

COMPION AVE

SAVILLE ROW

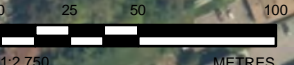
FLOWER AVE

LAWN AVE

PRINCE CHARLES RD

LOCKHART AVE

BLACK FRIARS RD



Path: N:\Vector\Spatial\_Images\Engage\_1047\_Richmond\_Rd09\_Planet\_03144075\_Engage\_Cad\Enfr0001\_Phase01c\_ESA\MLU.mxd



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