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3500 Atwater, Suite 6
Montreal, Quebec**

**Phase I Environmental Site Assessment
971 Montreal Road
Ottawa, Ontario**

MM2320

July 28th, 2020

CM3 Environmental Inc.

5710 Akins Road, Ottawa, Ontario, K2S 1B8

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1 INTRODUCTION

CM3 Environmental (CM3) was retained by Developpements Proximi-T Inc. to carry out a Phase I Environmental Site Assessment (ESA) for a two-storey commercial building, located at 971 Montreal Road, Ottawa, Ontario (“site” or “subject property”).

1.1 Phase I Property Information

The subject property is located on the north side of Montreal Road near the intersection of Burma Road and Montreal Road in Ottawa, Ontario (**Figure 1**). The civic address for the subject property is 971 Montreal Road, Ottawa, Ontario. The legal description is Lot 22, Concession 10F. The property identification number for the subject property is 042740181. The subject property is zoned AM for Arterial Mainstreet Zone. The property is occupied by one two storey commercial building and a parking lot.

1.2 Phase I Objective

The objective of this Phase I ESA was to identify potential or actual environmental concerns and/or liabilities on the site associated with activities at the site and/or from activities on surrounding properties. The Phase I was completed in support of a real estate transaction between the current owner of the residence and Developpements Proximi-T Inc. The Phase I was not completed in support of the filing of a record of site condition (RSC).

2 PHASE I ENVIRONMENTAL SITE ASSESSMENT SCOPE OF INVESTIGATION

2.1 Methodology

CM3 completed the Phase I ESA following the general requirements of the Canadian Standards Association (CSA) Standard Z768-01 (R2012) and in general accordance with Ontario Regulation (O. Reg.) 153/04. The scope of work for the Phase I ESA included:

- A historical document review including air photographs;
- A search of the pertinent records from municipal, provincial and federal agencies;
- Reconnaissance of the property and interviews with owners/employees; and
- The preparation of the Phase I ESA report.

3 RECORDS REVIEW

CM3 completed a review of historical records relevant to the subject property, including historical databases, geological maps, aerial photographs, and drawings obtained through Geo Ottawa and EcoLog ERIS. A radius of 300 m from the subject property was investigated to identify potentially contaminating activities (PCAs) as provided by O.Reg. 153/04. The majority of the database information was obtained through EcoLog ERIS; a private environmental database and information service that provides environmental and historical information from governmental (Federal and Provincial), and private source records. The findings of the EcoLog ERIS records and Geo Ottawa review are incorporated into the following sections.

3.1 General

3.1.1 Phase I Study Area

The Phase I Study Area included the subject property (971 Montreal Road) and all lands within a 300 m radius of the property boundary. The Phase I Study Area is illustrated on **Figure 3**.

3.1.2 First Developed Use Determination

The first developed land use was determined based on the historical records search and historical aerial photographs. The subject site was developed for its current land use as a commercial dwelling prior to 1958. The area surrounding the subject property appears to have been developed for commercial use prior to 1958 and residential and general mixed-use development, including residential, institutional and commercial, continued into the 2000's. CFB Rockliffe, a former Canadian Forces Base is located to the north of the site and was operational from 1918 to 2009. Former limestone quarries, which were operational prior to 1956 are located to the south of the site, on the south side of Montreal Road.

3.1.3 Fire Insurance Plans

A fire insurance plan (FIP) search was requested from EcoLog ERIS. The search returned firemaps from 1956. The insurance plans identified the following environmental concerns within the Phase I Study Area:

- Former fuel oil tanks in Bernadette School located at 507 Ann Road, currently 561 Foxview Pl. (1956 FIP)
- Former fuel oil tanks in the Quarrys Public School located at the corner of Blackthorne Ave. and Codd's Road. (1956 FIP)
- Former gas service stations with ASTs located at 995 Montreal Road and 947 Montreal Road. (1956 FIP)
- Former gas service stations with ASTs located on the corner of Montreal Road and Codd's Road. (1956 FIP)
- Former fuel oil tanks at Fournier Van & Storage Ltd. located at 53 Hochelaga St. (1956 FIP)
- Subject property formerly heated with forced air oil heating (1982 Commercial Property Fire Rating Form Report)
- Adjacent property located at 973 Montreal Road was a former Auto Service Shop operational in 1988 (1988 Siteplan Report)

The insurance documents are provided in **Appendix C**.

3.1.4 Chain of Title

A chain of title search was requested from EcoLog ERIS. The current owner, Ying Ling Liao, has owned the property since 2006. The previous owner, Moon Chun Tam, owned the property prior to 2006.

Table 1: Chain of Title	
Date	Owner
Prior to 2006	Tam, Moon Chun
2006 - Present	Liao, Ying Ling

The chain of title records are provided in **Appendix D**.

3.1.5 City Directory Search

A city directory search was conducted for the subject property. Due to limitations with library access associated with the current Covid-19 pandemic, information was only available for the adjacent properties located at 949, 973, and 989 Montreal Road. As such, no records were available for the subject property located at 971 Montreal Road.

A city directory search for the surrounding properties was also conducted. Adjacent properties listed in the directory search are: 949 Montreal Road, 973 Montreal Road and 989 Montreal Road. No listings were found for the above-noted properties prior to 1965. In 1965, the property located at 973 Montreal Road was listed as “John’s Sunoco Service Station”. In 1969, the property located at 973 Montreal Road was listed as “Ray’s Sunoco Service Station”. In 1974, the property located at 973 Montreal Road was listed as “Baron Petroleum Inc. Garage”. In 1979, the property located at 973 Montreal Road was listed as “Baron Petroleum Inc.” and the property located at 973a was listed as “Normal Wagorn Garage”. In 1984, the property located at 973 Montreal Road was listed as “Baron Petroleum Inc.” and “Dagg Will Supply & Services”. In 1990, the property located at 973 Montreal Road was listed as “Shawn Motors”. In 1995/1996, there were no listings for the properties located at 949, 973 and 989 Montreal Road. In 1999/2000, the property located at 973 Montreal Road was listed as “Subway”. In 2005/2006, the property located at 973 Montreal Road was listed as “Subway” and “National Motors” and the property located at 949 Montreal Road was listed as “Res Apartments”, “Rothwell Heights Men’s Hair Salon”, and “Massage Therapy Group”. In the most recent listing available of 2011, the property located at 973 Montreal Road was listed as “Subway” and the property located at 949 Montreal Road was listed as “Res Apartments”, “Rothwell Hairstylist” and “Massage Therapy Group”.

The city directory is included in **Appendix E**.

3.1.6 Previous Environmental Studies

No previous environmental reports were available for the subject property.

3.2 Environmental Source Information

3.2.1 Freedom of Information Request

CM3 completed a freedom of information request for the property from the Ontario Ministry of the Environment, Conservation and Parks (MECP). Records have been ordered but have not been received prior to this report being issued. If additional information becomes available that may affect the findings of this Phase I ESA, CM3 will provide an addendum to this report updating the findings. The freedom of information request is provided in **Appendix F**.

3.2.2 EcoLog ERIS Records Review

ERIS is a private environmental database and information service that provides environmental and historical information from governmental (Federal and Provincial), and private source records. The databases that were searched are listed in the ERIS documents (**Appendix G**). A search was requested for the site and the surrounding properties within a 300 m radius. No records were identified on the subject property and 103 records were identified within the Phase I Study Area as of June 30, 2020. The records are summarized as follows:

Subject Property

- No Records

Phase I Study Area (Surrounding Properties within 300 m radius)

- Three Entries in the Abandoned Mine Information System (AMIS)
- Five boreholes;
- Three Certificates of Approval (CofA);
- Seven Environmental Compliance Approvals (ECA);
- Twelve ERIS historical searches;
- Twenty Lists of Expired Fuels Safety Facilities;
- Twenty-Three listings in the Ontario Regulation 347 Waste Generators Summary;
- One TSSA historic incident;
- Three Mineral Occurrences;
- One Pipeline Incident;
- Two Private and Retail Fuel Storage Tanks;
- One Record of Site Condition;
- Two Retail Fuel Storage Tanks;
- Four listings in Scott's Manufacturing Directory;
- One listing in the Ontario spills database; and
- Fifteen well records in the Ontario WWIS.

Details of the above are included in the ERIS documents (**Appendix G**). The on-site records did not identify any environmental concerns. Potential concerns related to former gas stations, schools with former fuel oil tanks, and storage facilities with former fuel oil tanks were identified within the Phase I Study Area.

A total of 87 database search items were identified in the ERIS report but were unplotable sites (i.e. location unknown). The unplotable summary is provided in the ERIS report (**Appendix G**) and included:

- Eighteen C of As;
- One Listing in the Compliance and Convictions Directory;
- Six Listings in the Environment Compliance Approvals Registry;
- One ERIS historical search;
- Four Lists of Expired Fuels Safety Facilities;
- One Fuel Storage Tank;
- Two Historical Fuel Storage Tanks;
- Thirty-Three listings in the Ontario Regulation 347 Waste Generators Summary;
- Three listings in the National PCB Inventory;
- One listing in the Inventory of PCB Storage Sites;
- Seven Private and Retail Fuel Storage Tanks;
- One Permit to Take Water;
- One listing in the Ontario Regulation 347 Waste Receivers Summary;
- Three Records of Site Condition;
- Two listings in the Ontario Spills Registry;
- Three well records in the Ontario WWIS

The majority of the above were not within the Phase I Study Area based on the addresses provided.

3.3 Physical Setting

3.3.1 Aerial Photographs

Readily available aerial photographs (City of Ottawa geoOttawa mapping, Google Earth, ERIS Historical Aerials) dating from 1928 to 2017 were reviewed as part of this assessment. Photographs prior to 1928 were not available. Observations from the aerial photographs are provided in the following table:

Table 2: Aerial Photographs		
Property	Date(s)	Observations
Subject Property	1928	Subject building is not present. Surrounding area is developed with some commercial dwellings. No development yet to the east of the subject property.
	1930	Same as 1928
	1953	No building present at the subject property. Residential development to the north of the subject property associated with CFB Rockliffe.
	1958	Subject building is present. Lumber shed located on the north west corner of the subject property. Gasoline service station located at 973 Montreal Road with storage depot located to the north. Water Tower located north east of the subject property. Residential development to the west of the subject property. Quarry operations south of Montreal Road.

Table 2: Aerial Photographs		
Property	Date(s)	Observations
Subject Property (Continued)	1965 1976 1980 1991 1999 2002 2005 2007 2008 2011 2014 2015 2017	Expansion added to the subject building. Commercial development on the adjacent property to the west. Additional residential development to the west and south of the subject property. Building renovation and addition of parking lot on subject property. Same as 1976 Car lot on adjacent property to the east. Same as 1991 Construction of fence around subject property. Development of plaza on adjacent property to the west. Same as 2002 Removal of water tower east of subject property. Same as 2007 Same as 2007 Same as 2007 Same as 2007 Same as 2007
North	1928 1958 1965 1976 1980 1991 1999 2005 2011 2015 2017	Agricultural land north of subject property Commercial development north of subject property. Addition of a lumber shed to the north. Addition of residential subdivision associated with CFB Rockliffe to the north. Addition of a commercial facility directly to the north west of the subject property. Same as 1976 Clearing of the forest north of the subject property and south of CFB Rockliffe. Development of a residential subdivision north of the subject property. Removal of some of the residential dwellings associated with CFB Rockliffe, North of the subject property. Removal of all residential dwellings associated with CFB Rockliffe north of the subject property. Same as 2011 Development of roads on former CFB Rockliffe site north of the subject property.
East	1928 1958 1965 1976 1980 1991 1999	Agricultural land to the east of the subject property. Gas station on adjacent property to the east of the subject property located at 973 Montreal Road. Water tower to the north east of the subject property. Development of the NRC Campus 3 blocks east of the subject property. Same as 1958. Further development of the NRC campus to the east. Further development of the NRC campus to the east. Addition of car lot on adjacent property to the east of the subject property located at 973 Montreal Road. Further development of the NRC campus to the east. Adjacent property to the east located at 973 Montreal Road changed to a restaurant. Same as 1999.

Table 2: Aerial Photographs		
Property	Date(s)	Observations
East	2005 2011 2015 2017	Water tower to the east removed. Same as 2011. Land development east of Burma Street, associated with the former CFB Rockliffe redevelopment.
South	1928 1958 1965 1976 1980 1991 1999 2005 2011 2015 2017	Limestone quarry activities south of Montreal Road. Some commercial development to the south east along Hochelaga St. Quarry to the south of Montreal Road. Further residential and commercial development to the south east along Hochelaga St. Addition of Fournier Van and Storage Ltd. located at 53 Hochelaga. Additional residential development south of Hochelaga St. Addition of subdivision roads. Additional residential development south of Montreal Road surrounding area of former quarry. Addition of Bathgate Drive. Addition of Cross Winds apartments on 641 Bathgate Drive. Addition of Concorde Apartments across Montreal Road to the south of the subject property located at 981 Gulf Pl. Further residential and commercial development south of Montreal road. Open pit quarry on the corner of Montreal road and Hochelaga street backfilled. Construction of Ottawa Fire Station 51 at 900 Montreal Road. Construction of midrise apartment building and townhome complex on Desloges Private in backfilled area of former quarry. Same as 1999. Same as 1999. Same as 1999. Same as 1999.
West	1928 1958 1965 1976 1980 1991	Minor commercial and residential development to the west of the subject property. Additional residential and commercial development to the west. Construction of Bernadette public school north west of the subject property, located at the former address of 507 Ann Road, currently 561 Foxview Pl. Construction of Rockliffe Motel on the corner of Carsons Road and Montreal Road. Construction of gas stations at 881 and 871 Montreal Road and construction of the Quarrys public school at 550 Codd's Road. Commercial development on the property directly adjacent to the west. Additional residential development along Brunel St. Development of Carsons Road and Carson Hills Apartments. Development of commercial facility located at 949 Montreal Road. Further residential development on Foxview Pl. Addition of midrise apartment building at 860 Blackthorne Ave. Same as 1976. Removal of adjacent building to the west. Further residential development along Foxview Pl. Construction of East Gate Alliance Church in place of Quarrys Public School at 550 Codd's Road. Construction of plaza on the corner of Montreal Rd. and Carsons Road in the place of the former Rockliffe Hotel.

Table 2: Aerial Photographs		
Property	Date(s)	Observations
	1999	Same as 1991.
	2005	Development of Rothwell Heights Plaza to the west of the subject property located at 949 Montreal Road. Construction of midrise apartment building at 840 Montreal Road. Development of Carwood Circle residential subdivision.
	2011	Removal of residential dwellings and development of commercial plaza at 795 Montreal Road.
	2015	Construction of residences at 577 and 579 Foxview Pl. Construction of Ottawa Mandarin Alliance Church at 550 Codd's Road. Construction of Cite Parkway Retirement Residence at 380 LeBoutillier Ave. Construction of midrise condominium building and residential townhome complex on LeBoutillier Ave.
	2017	Same as 2015.

The subject property and some surrounding properties appear to have generally been developed to their current state prior to 1976. Major changes to the properties on the North side of Montreal Road occurred between 1965 and 2011 with widespread residential developments and the decommissioning of former military base CFB Rockliffe. Major changes to the properties on the East side of Burma Road occurred between 1928 and 1991 with the construction and subsequent expansion of the NRC campus. Major changes to the properties on the south side of Montreal Road occurred between 1958 and 1999 with the conversion of former quarries to commercial and residential developments. Major changes to the properties on the west side of the subject property occurred between 1928 and 2015 with widespread residential development west of Foxview Pl. The property directly adjacent to the west of the subject property, located at 949 Montreal Road underwent major changes between 1965 and 2005 with the conversion of a small commercial establishment to a large plaza.

3.3.2 Regional Topography

Topographical maps and observations during the site reconnaissance indicate the topography of the subject property is relatively flat with an elevation of approximately 102 m above sea level (m asl). The subject property slopes downwards toward the north with its highest elevation on the south side adjacent to Montreal Road. Topographic maps are provided in **Appendix H**.

3.3.3 Regional Geology

The surficial geology of the subject property was interpreted from the Ontario Geological Survey Surficial Geology of Southern Ontario (Miscellaneous Releases, 2010) and the ERIS report. The surficial geology at the subject property is made up of Limestone, Dolomite, Sandstone and locally Shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1m thick. The EcoLog Surficial Geology Maps are provided in **Appendix H**.

The bedrock geology of the subject property was interpreted from the Ontario Geological Survey Bedrock Geology of Ontario (Miscellaneous Releases, 2011) and the EcoLog report. The bedrock at the site consists of limestone, dolostone, shale, arkose and sandstone of the Ottawa Group

and Simcoe Group, Shadow Lake Formation. The EcoLog bedrock geology map is provided in **Appendix H**.

3.3.4 Regional Hydrogeology

The regional groundwater flow direction was inferred based on the topography at the subject property and surrounding area and the presence of local water bodies. The regional groundwater flow is inferred to be north towards the Ottawa River.

3.3.5 Fill Materials

Information regarding fill materials was not available.

3.3.6 Water Bodies and Areas of Natural and Scientific Interest

There are multiple unevaluated wetlands within the Phase I Study Area. Six distinct swamp areas are located near the southern boundary of the study area and one swamp is located on the western boundary of the study area. Wetland maps are included in **Appendix H**.

Areas of natural and scientific interest (ANSI) were included in the ERIS search. ANSI were not located within the Phase I Study Area. The ANSI map is provided in **Appendix H**.

3.3.7 Well Records

Ten well records for the Phase I Study Area were identified in the Ontario Water Well Information System (WWIS). The well locations and use are summarized in the following table:

Table 3: Well Records		
Well Type/Status	Total on Subject Property	Total within Phase I Study Area*
Commercial/industrial	0	1
Domestic	0	6
Observation/test	0	2
Abandoned	0	1
Unknown	0	0
Total	0	10

* - includes wells on subject property

The well records are summarized in the ERIS report (**Appendix G**). The record for the nearby property at 973 Montreal Road indicated one monitoring well installed in 1959. The soil was described as clay. The reported depth to water was 110 ft below grade. CM3 did not locate any wells at the subject property. The record for another nearby property at 919 Montreal Road indicated one monitoring well installed in 2013. The soil was described as dense sandy silt. Bedrock was encountered at 5ft below grade.

4 SITE INTERVIEWS

The property owner of 971 Montreal Road, Ying Ling Liao, was interviewed with regards to knowledge of the site history and operations. Information provided during the site interview is incorporated into the appropriate sections of this report.

5 SITE RECONNAISSANCE

CM3 conducted a site visit on July 7th, 2020. During the site investigation, all outdoor areas of the subject property were accessible. The site visit included all common areas of the interior of the building, all kitchen areas, dining rooms, basement mechanical rooms and the upstairs apartment unit. Adjacent properties within the Phase I Study Area were observed from the subject property and publicly accessible areas.

5.1 Subject Property

The subject property is rectangular in shape and is bounded by Montreal Road to the south, a one-storey commercial establishment to the east occupied by a Subway and Laheeb restaurants, a commercial plaza to the west and a residential development to the north. The total area of the subject property is approximately 0.18 hectares (0.44 acres). Access to the subject property is from the north of Montreal Road. The subject property consists of a two-storey commercial dwelling with a large kitchen, dining room, unfinished basement with mechanical rooms, a vacant second floor apartment with two bedrooms and a washroom and a large parking lot which spans the south, west and north areas of the property with roughly 20 spaces. A small patch of vegetation is present on the west and north boundaries of the property. A site plan is provided as **Figure 2**. Photographs of the subject property are provided in **Appendix A**.

5.2 Adjacent Properties

The subject property is located in a primarily commercial area and fronts south onto Montreal Road. The properties adjacent to, and surrounding the subject property are provided on **Figure 3** and are described in the following table:

Direction	Description
North adjacent	Open field
North beyond	Residential, Southern Boundary of Former CFB Rockliffe
East adjacent	Subway and Laheeb Restaurants
East beyond	Municipal Water Pumping Station, Western Boundary of NRC Campus
South adjacent	Montreal Road
South beyond	Residential
West adjacent	Commercial Plaza
West beyond	Commercial and Residential

Photographs of the adjacent properties are provided in **Appendix A**.

5.3 Specific Observations at the Subject Property

5.3.1 Structures

The subject property includes one south facing two-storey commercial building constructed between 1956 and 1958, as indicated by the available fire insurance plans included in **Appendix C** and historical aerial photographs from GeoOttawa. An unoccupied two bedroom apartment is present on the second floor of the building, accessible from the roof on the north side of the building. The building was constructed of concrete block with a block foundation and a flat membrane/tar and gravel roof. Exterior finishes consisted of ceramic tile on the south, west and east façades and pebble dash on the north façade. Interior finishes included concrete, concrete block, parging cement, drywall and ceramic tile. Flooring was a mix of concrete, ceramic tile, carpet and vinyl floor tile. Ceiling finishes observed consisted of drywall and stipple. Photographs of the building are included in **Appendix A**.

The building is currently heated by a natural gas forced air furnace. The furnace room is located in the south central portion of basement. No evidence of a current or former fuel oil storage tank on site was found, however the 1982 Commercial Property Fire Rating Form Report included in **Appendix C** indicates that the subject building was formerly heated with forced air oil heating. Documentation regarding the removal of a storage tank was not provided.

5.3.2 Below Ground Structures

No catch basins were observed on the property. The water supply was observed to be connected to the City of Ottawa municipal lines with the point of entry on the south of the building. The location of the sanitary system piping was observed to exit the building with the domestic water supply towards Montreal Road on the south side. A new water and sewer line were reportedly installed at the subject property in 2017 roughly 10 metres to the east of the original water and sewer line, as indicated by the property owner during the interview. A section of the parking lot on the south east section of the property has been recently repaved in the location of the reported new water and sewer line trench. The location of the reported new water and sewer lines was not included in the public locates and was not picked up during the locate scan performed by Kevin Donnelly of Ottawa Locates. The natural gas line was observed to be located on the east side of the building and connected to the main on Montreal Road. Hydro is supplied from overhead power lines on Montreal Road that run underground to the subject building, buried under the parking lot. Private hydro lines for the restaurant sign were located on the east side of the subject property, running underground from the sign to the south east corner of the building.

5.3.3 Storage Tanks

Three small volume tanks of polyester oil and refrigerant were observed in the north section of the basement associated with compressors for the walk-in fridge/freezer in the main floor kitchen.

Other than the above-noted compressor tanks, no aboveground or underground storage tanks were observed on the subject property.

5.3.4 Floor Drains and Sumps

A sump pit was observed at the subject property in the south central section of the basement adjacent to the furnace room. A cast iron drain pipe was observed in the basement furnace room running towards the south exterior wall.

5.3.5 Water Supply

The subject property is supplied water by the City of Ottawa municipal water supply. The water supply line was located on the south side of the building.

5.3.6 Waste Water

Waste water from the subject property is discharged to the City of Ottawa municipal sewer system. The sewer discharge line was located in the basement exiting on the south side of the building connected to the municipal sewer at Montreal Road.

5.3.7 Surface Water or Wetlands

Surface water and wetlands were not identified on the subject property. However, there are multiple unevaluated wetlands within the Phase I Study Area. Six distinct swamp areas are located near the southern boundary of the study area and one swamp is located on the western boundary of the study area. Wetland maps are included in **Appendix H**.

5.3.8 Areas of Stained Soil, Vegetation or Pavement

Areas of stained soil, vegetation or pavement were not identified during the site visit.

5.3.9 Stressed Vegetation

Areas of stressed vegetation were not identified during the site visit.

5.3.10 Fill or Debris

Piles of fill or debris were not identified during the site visit.

5.3.11 Polychlorinated Biphenyls (PCBs)

PCBs may be present in transformers, capacitors, electromagnets and heat transfer units, at the site. Electrical panels were observed in the south section of the basement and in the furnace room. Electrical equipment was observed to be in good condition in the south section of the basement and a section of electrical equipment was observed to be decommissioned in the furnace room.

5.3.12 Dry-Cleaning Operations

Dry cleaning operations were not identified at the subject property. Based on historical records, no former dry cleaning operations were identified within the Phase I Study Area.

5.3.13 Pesticides

Pesticides and herbicides were not observed at the subject property.

5.3.14 Designated Substances

This Phase I ESA did not include any analytical testing of building materials for designated substances such as asbestos, lead, mercury, PCBs and silica. CM3's observations regarding designated substances were limited to materials visible during the Phase I ESA. Pipes and materials located behind walls and ceilings were not inspected during this Phase I ESA.

No designated substance reports for the subject property were identified during the historical records review.

During the site assessment, several suspected asbestos containing materials were observed at the subject building including: 9'X9' vinyl floor tile in the basement stairwell, parging cement patches on the basement walls, drywall joint compound throughout the basement, main floor and second floors, ceiling stipple throughout the main and second floors, oakum joint packing inside cast iron pipe joints and exterior pebble dash on the north façade of the building. Other suspected asbestos containing materials include roofing materials, mortars, caulking, foundation parging and fire-resistant doors.

Lead is suspected in paint, soldered joints, glazing on ceramic finishes, emergency light batteries and on all copper piping throughout the subject building.

Mercury is suspected in compact fluorescent lightbulbs (CFL), high intensity discharge (HID) bulbs and T8 fluorescent light tubes throughout the subject building.

Ozone depleting substances (ODSs) which are found in refrigerants in heat pumps, refrigerators, freezers and air conditioners (A/C) are suspected in the walk in refrigerators compressors located in the north section of the basement, chest freezers located in throughout the basement, the ice machine in the main floor kitchen and refrigerators located throughout the main floor kitchen and bar areas. Any window air conditioning units in the subject building are suspected to contain ODSs.

Polychlorinated biphenyls (PCBs) are suspected in transformers, capacitors, electromagnets and heat transfer units.

Silica is suspected within concrete structures such as walls, floors and in concrete blocks and drywall.

The remaining designated substances (ethylene oxide, vinyl chloride, benzene, arsenic, coke oven emissions, acrylonitrile and isocyanates) are not typically found in the construction of buildings of this type, and are usually exclusive to industrial processes.

5.3.15 Solid (Non-hazardous) Waste

Grease staining and residue was observed throughout basement ceilings, walls and pipes. Additionally, open containers of grease waste were observed throughout the basement. Grease traps were observed on rooftop ventilation units. A large grease disposal bin was observed in the rear parking lot on the north side of the property.

No other solid waste concerns were observed at the subject property.

5.3.16 Hazardous Waste

Hazardous wastes were not observed at the subject property.

5.3.17 Existing Groundwater Issues

No groundwater concerns were observed at the subject property.

5.3.18 Air Emissions

Negative air emissions were not observed at the subject property.

5.3.19 Radon

Radon is not likely a major concern at the subject property, based on the review of available information. The radon rank was considered MODERATE as indicated in the Physical Setting Report in **Appendix G**. However, radon testing would be required to conclusively rule out radon impacts at the subject property.

6 EVALUATION OF FINDINGS

6.1 Current and Past Land Uses

The subject property was developed prior to 1958 and has operated as a commercial establishment since its development. Limited information is available in the City Directory about the past land use of the subject property due to the current Covid-19 pandemic and associated library closures. Based on historical aerial photographs from 1958, it appears that the original building on the subject property was a commercial establishment associated with the former lumber yard to the north. Major additions to the building on the subject property were observed in aerial photographs from 1965 and again in 1976. The subject building was reportedly used as a restaurant since the 1970s. The current use of the subject building is a Chinese Restaurant called “Dragon Tavern” which has been operational since 2006. A vacant two bedroom apartment unit on the second floor has reportedly not been occupied since the current property owners purchased the building in 2006. The building is currently heated by a natural gas forced air furnace system. Original heating is suspected to have been forced air oil prior to 1982 based on information provided in the Commercial Property Fire Rating Form included in the Fire Insurance Plan documents found in **Appendix C**. Cleaning and general maintenance supplies were present

in limited quantities in secured storage areas in the basement. A Range Guard wet chemical fire suppression system was observed in the main floor kitchen.

6.2 Potentially Contaminating Activities

CM3 did not identify any PCAs at the subject property.

The PCAs identified on the adjacent properties within the Phase I Study Area are provided in the following table:

Table 5: Phase I Study Area Potentially Contaminating Activities		
Item	PCA	Description of Activity
28	Gasoline and associated products storage in fixed tanks	Former Gas Station at 973 Montreal Road. Former Gas Station at 947 Montreal Road. Former Gas Station at 881 Montreal Road. Former Gas Station at 871 Montreal Road. Former Fuel Oil Tanks at St. Bernadette Public School located at 561 Foxview Pl. Former Fuel Oil Tanks at The Quarrys Public School located at 550 Codd's Road. Former Fuel Oil Tanks at Fournier Van & Storage Ltd. located at 53 Hochelaga Street.
10	Commercial Autobody Shops	Automobile Service Garage located at 973 Montreal Road.

No other PCAs were identified on the adjacent properties within the Phase I Study Area.

6.3 Areas of Potential Environmental Concern

Areas of potential environmental concern (APECs) were identified based on the findings of this Phase I ESA. The above PCAs were evaluated with respect to the location (source) of the PCA and the potential pathways/migration relative to the subject property and receptors at the subject property. Consideration was also given to higher risk PCAs with respect to potential environmental liability. The following APECs and contaminants of concern (COCs) were identified:

Table 6: Areas of Potential Environmental Concern			
APEC	Location	Cause of Concern	COC
1	973 Montreal Road	Former Gas Station and Auto Service Garage	BTEX, PHCs F1-F4, Metals, VOCs
2	947 Montreal Road	Former Gas Station	BTEX, PHCs F1-F4
3	561 Foxview Pl.	Former Fuel Oil Tanks at St. Bernadette School.	BTEX, PHCs F1-F4
4	53 Hochelaga St.	Former Fuel Oil Tanks at Fournier Van & Storage	BTEX, PHCs F1-F4
5	581 Montreal Road	Former Gas Station	BTEX, PHCs F1-F4

BTEX - Benzene, toluene, ethylbenzene, xylenes
PHCs F1-F4 - Petroleum hydrocarbons F1 to F4 fractions
VOCs - Volatile Organic Compounds

The locations of the APECs are provided on **Figure 4**.

7 CONCLUSIONS

The findings of the Phase I ESA did not identify any areas of potential environmental concern (APEC) on the subject property.

Areas of potential environmental concern identified on adjacent properties included current/former gas stations and automobile service shops. The contaminants of concern were identified as BTEX, PHCs F1-F4 fractions, metals and VOCs.

7.1 Is a Phase II Required?

CM3 is recommending a Phase II ESA for the subject property with respect to the APECs identified at adjacent properties.

7.2 Other Recommendations

Based on the age of construction of the subject building, paints are likely to contain lead and certain building materials are likely to contain asbestos. CM3 recommends that a designated substance survey should be conducted prior to any renovation or demolition activities at the subject building. All asbestos abatement activities should be conducted by a qualified abatement contractor following industry standards as laid out in Ontario Regulation 278/05.

8 LIMITATIONS

This report has been prepared and the work referred to in this report has been undertaken by CM3 Environmental Inc. for Developpements Proximi-T. It is intended for the sole and exclusive use of Developpements Proximi-T, its affiliated companies and partners and their respective insurers, agents, employees and advisors. Any use, reliance on, or decision made by any person other than Developpements Proximi-T based on this report is the sole responsibility of such other person. CM3 Environmental Inc. and Developpements Proximi-T make no representation or warranty to any other person with regard to this report and the work referred to in this report, and they accept no duty of care to any other person or any liability or responsibility whatsoever for any losses, expenses, damages, fines, penalties or other harm that may be suffered or incurred by any other person as a result of the use of, reliance on, any decision made or any action taken based on this report or the work referred to in this report.

The investigation undertaken by CM3 Environmental Inc. with respect to this report and any conclusions or recommendations made in this report reflect CM3 Environmental Inc.'s judgement based on the site conditions observed at the time of the site inspection on the date(s) set out in this report and on information available at the time of preparation of this report. This report has been prepared for specific application to this site and it is based, in part, upon visual observation of the site, subsurface investigation at discrete locations and depths, and specific analysis of specific chemical parameters and materials during a specific time interval, all as described in this report. Unless otherwise stated, the findings cannot be extended to previous or future site

conditions, portions of the site which were unavailable for direct investigation, subsurface locations which were not investigated directly, or chemical parameters, materials or analysis which were not addressed. Substances other than those addressed by the investigation described in this report may exist within the site, substances addressed by the investigation may exist in areas of the site not investigated and concentrations of substances addressed which are different than those reported may exist in areas other than the location from which samples were taken.

If site conditions or applicable standards change or if any additional information becomes available at a future date, modifications to the findings, conclusions and recommendations in this report may be necessary.

Other than by Developpements Proximi-T, copying or distribution of this report or use of or reliance on the information contained herein, in whole or in part, is not permitted without the express written permission of CM3 Environmental Inc. Nothing in this report is intended to constitute or provide a legal opinion.

We trust that the above is satisfactory for your purposes at this time. Please feel free to contact the undersigned if you have any questions.

Yours sincerely,

CM3 Environmental Inc.



Alden Crossman, P.Biol. EP
Project Manager



Marc MacDonald, P.Eng. QP, EP
Principal



FIGURES

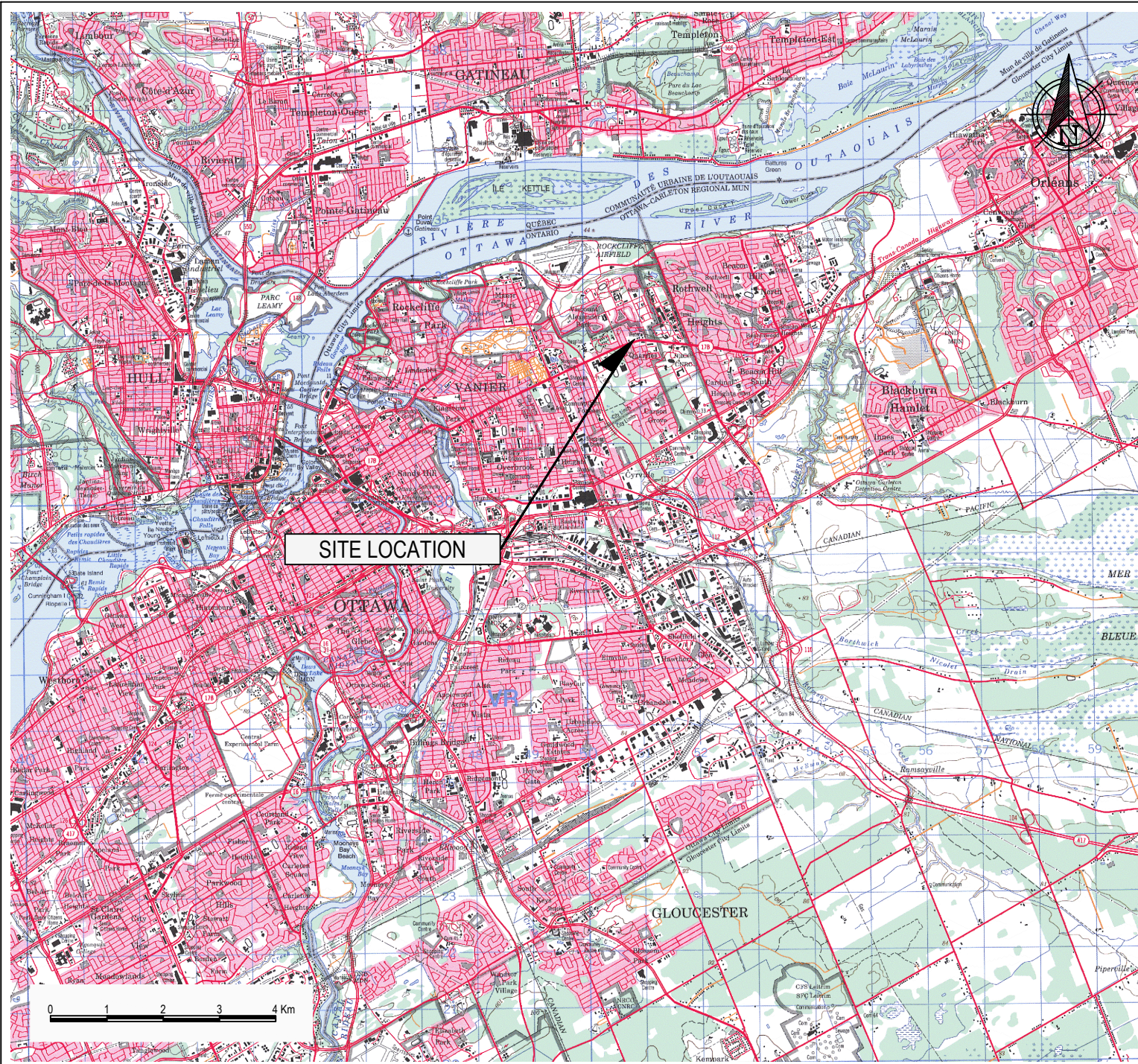
Phase I Environmental Site Assessment

971 Montreal Road

Ottawa, Ontario

Developpements Proximi-T

MM2320



CM3 ENVIRONMENTAL
5710 AKINS ROAD, OTTAWA, ON
K2S 1B8

DEVELOPPEMENTS PROXIMI-T INC.

PHASE I ENVIRONMENTAL SITE
ASSESSMENT

971 MONTREAL ROAD
OTTAWA, ONTARIO

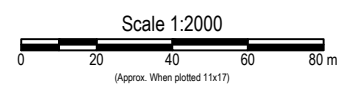
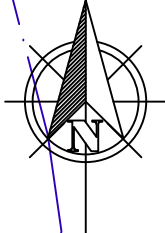
SITE LOCATION

Project:	MM2320	Drawn By:	CL
Date:	JULY 2020	Reviewed By:	MM
Scale:	AS SHOWN	Figure:	1



LEGEND

- PROPERTY BOUNDARY
- SITE
- RESIDENCE/BUILDING



CM3 ENVIRONMENTAL
5710 AKINS ROAD, OTTAWA, ON
K2S 1B8

DEVELOPPEMENTS PROXIMI-T INC.

PHASE I ENVIRONMENTAL SITE
ASSESSMENT
971 MONTREAL ROAD
OTTAWA, ONTARIO
SITE PLAN

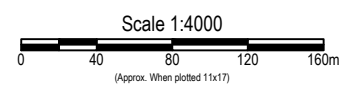
Project:	MM2320	Drawn By:	CL
Date:	JULY 2020	Reviewed By:	MM
Scale:	1:2000	Figure:	2

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LEGEND

- SUBJECT PROPERTY
- STUDY AREA BOUNDARY



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5710 AKINS ROAD, OTTAWA, ON
K2S 1B8

DEVELOPPEMENTS PROXIMI-T INC.

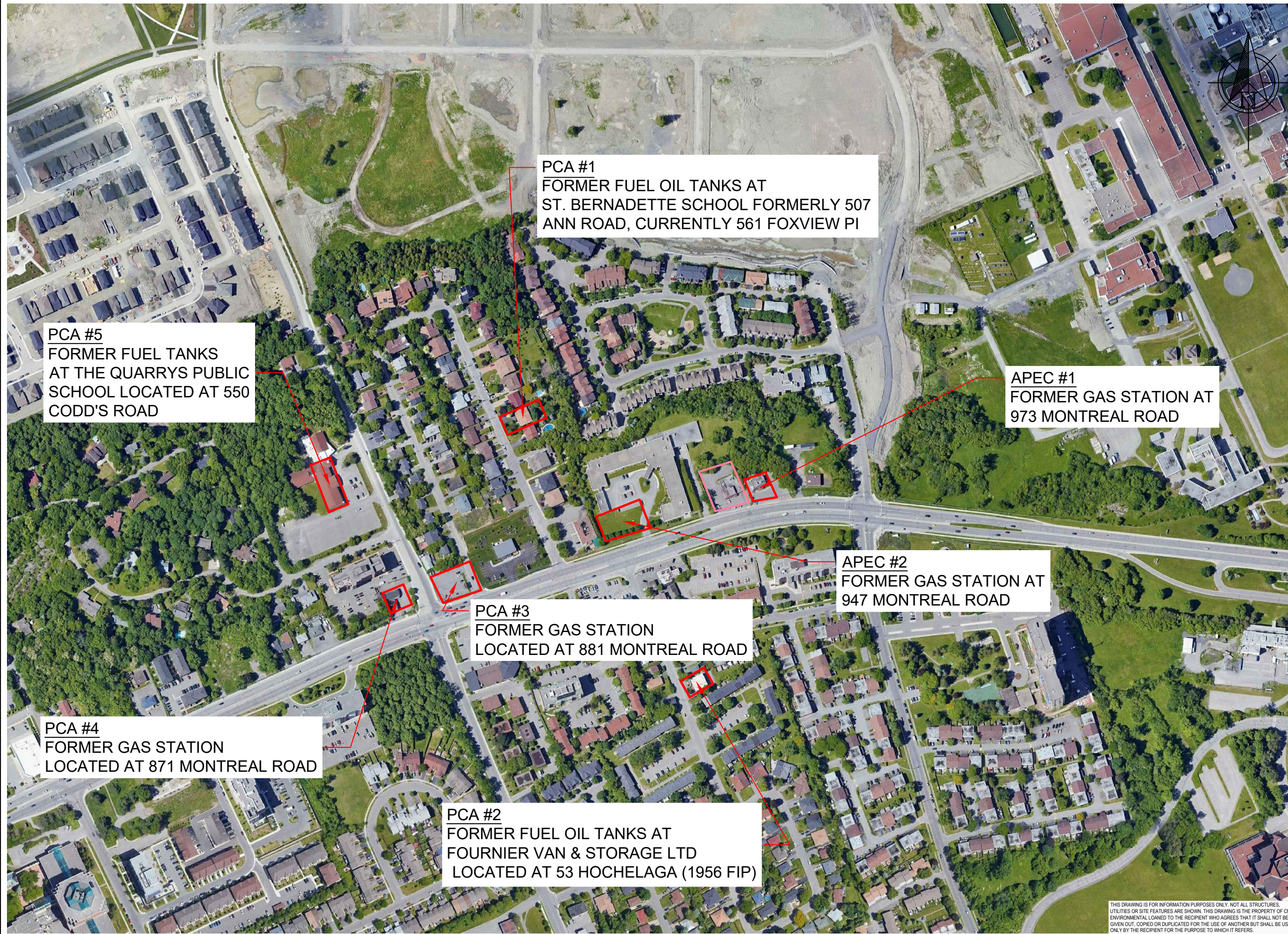
PHASE I ENVIRONMENTAL SITE
ASSESSMENT

971 MONTREAL ROAD
OTTAWA, ONTARIO

STUDY AREA

Project:	MM2320	Drawn By:	CL
Date:	JULY 2020	Reviewed By:	MM
Scale:	1:4000	Figure:	3

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PCA #5
FORMER FUEL TANKS
AT THE QUARRYS PUBLIC
SCHOOL LOCATED AT 550
CODD'S ROAD

PCA #1
FORMER FUEL OIL TANKS AT
ST. BERNADETTE SCHOOL FORMERLY 507
ANN ROAD, CURRENTLY 561 FOXVIEW PI

APEC #1
FORMER GAS STATION AT
973 MONTREAL ROAD

APEC #2
FORMER GAS STATION AT
947 MONTREAL ROAD

PCA #3
FORMER GAS STATION
LOCATED AT 881 MONTREAL ROAD

PCA #4
FORMER GAS STATION
LOCATED AT 871 MONTREAL ROAD

PCA #2
FORMER FUEL OIL TANKS AT
FOURNIER VAN & STORAGE LTD
LOCATED AT 53 HOCHELAGA (1956 FIP)

LEGEND

- SUBJECT PROPERTY
- APEC/ PCA LOCATIONS

Scale 1:4000

CM3 ENVIRONMENTAL
5710 AKINS ROAD, OTTAWA, ON
K2S 1B8

DEVELOPPEMENTS PROXIMI-T INC.

PHASE I ENVIRONMENTAL SITE
ASSESSMENT
971 MONTREAL ROAD
OTTAWA, ONTARIO
AREAS OF POTENTIAL ENVIRONMENTAL
CONCERN

Project:	MM2320	Drawn By:	CL
Date:	JULY 2020	Reviewed By:	MM
Scale:	1:4000	Figure:	4

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APPENDIX A

SITE PHOTOGRAPHS

Phase I Environmental Site Assessment

971 Montreal Road

Ottawa, Ontario

Developpements Proximi-T

MM2320

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T

Job Number: MM2320

Site Name: Dragon Tavern Restaurant

Location: 791 Montreal Road,
Ottawa, Ontario

Photographer: AC

Date: July 17, 2020



Photograph 1: Front view (South Side) of subject building.



Photograph 2: View of west side of subject building and parking lot.

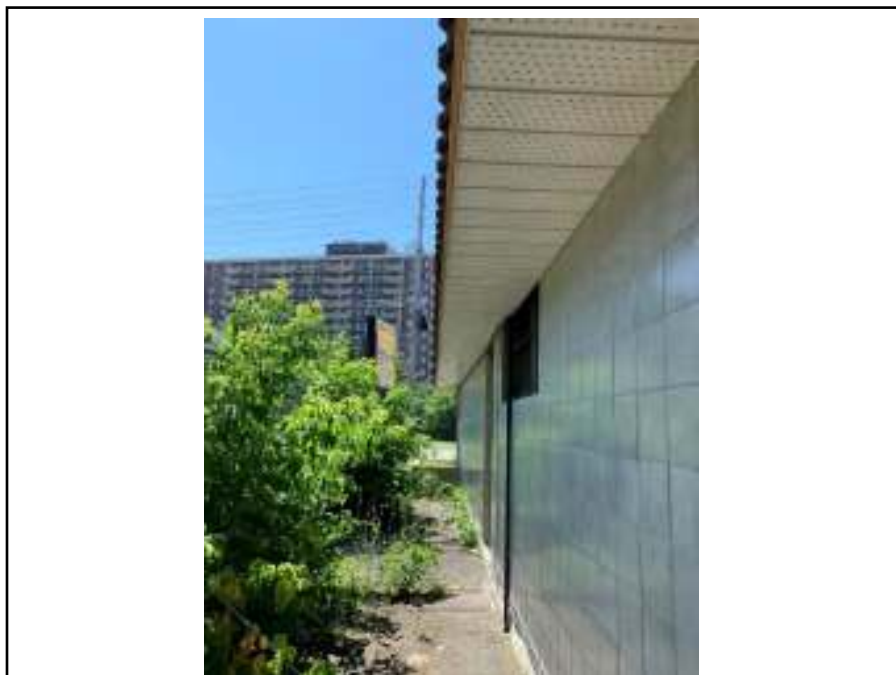
APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 3: View of north side of subject building and rear parking lot.



Photograph 4: View of east side of subject building.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 5: View of the rear parking lot on the north side of the property.



Photograph 6: View of the west parking lot from the north side of the property.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 7: View of the exterior staircase leading to the second floor unit.



Photograph 8: View of the roof access entrance to the second floor apartment unit.

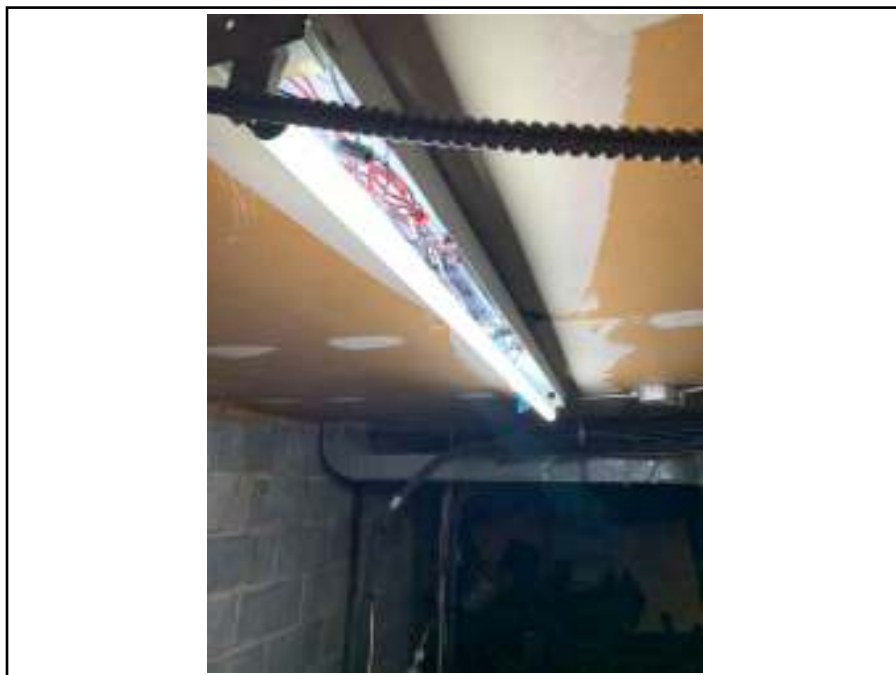
APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 9: View of suspected asbestos containing wall parging in the basement.



Photograph 10: View of mercury containing T8 fluorescent light tube in the basement.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 11: View of polyester oil tanks in the basement associated with compressors for the walk in fridge/freezer.



Photograph 12: View of grease staining on basement walls.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 13: View of paints and maintenance products in the basement storage.



Photograph 14: View of suspected asbestos-containing wall parging associated with ceiling beams in the basement.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 15: View of fire resistant door in the basement furnace room with a suspected asbestos-containing interior liner.

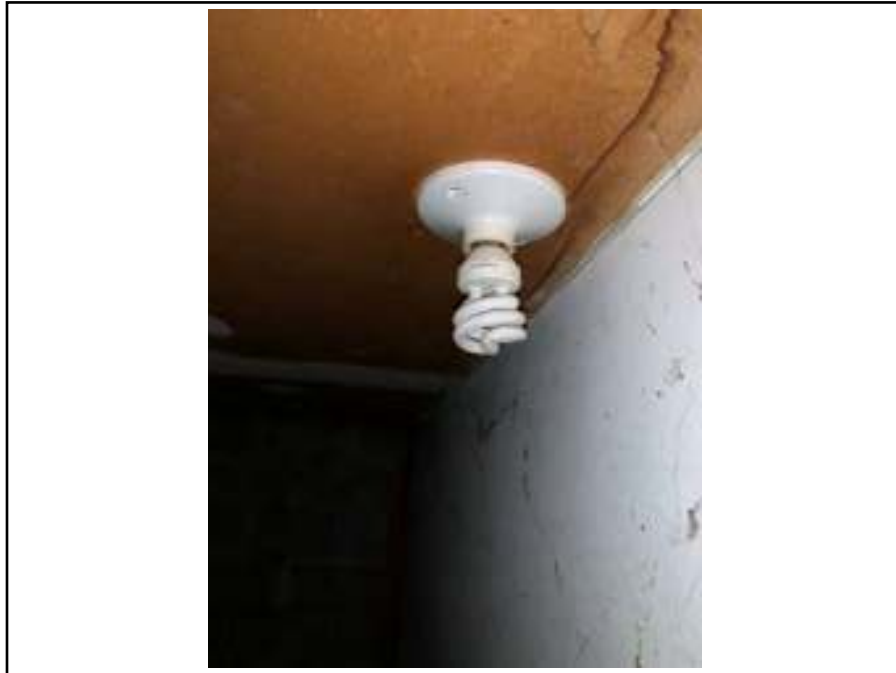


Photograph 16: : View of the electrical panel along the south wall of the basement.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 17: View of mercury containing CFL bulb in the basement.



Photograph 18: View sump pit along the south wall of the basement.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 19: View of cast iron drain along the south wall of the basement and suspected asbestos-containing oakum joint packing.

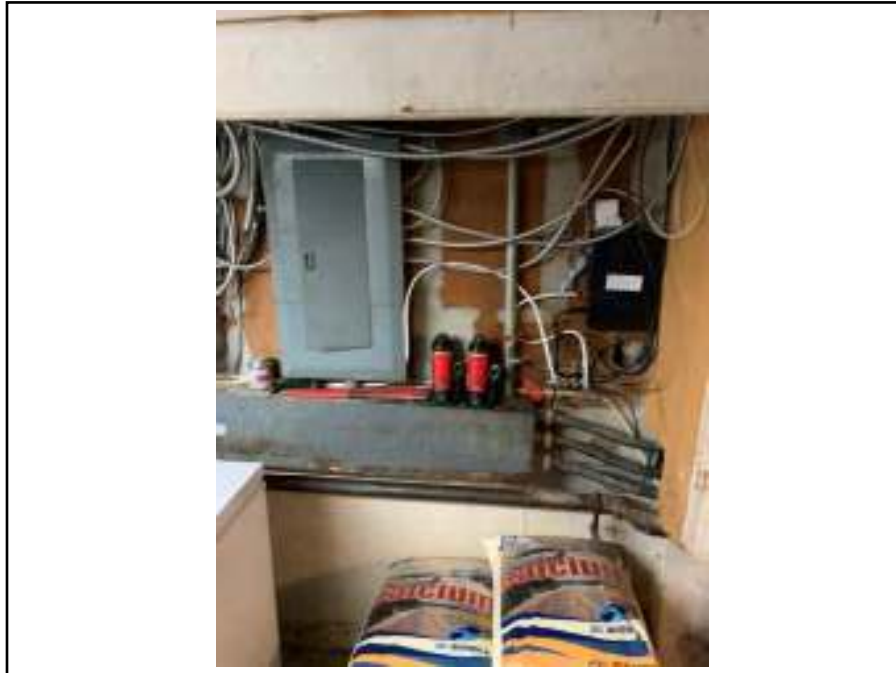


Photograph 20: View of decommissioned chest freezer in the basement, a potential source of ODS

**APPENDIX A
PHOTOGRAPHIC RECORD**



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 21: View of electrical panel on the east wall of the basement.



Photograph 22: View of suspected asbestos-containing 9'X9' Vinyl Floor Tile in the basement stairwell.

**APPENDIX A
PHOTOGRAPHIC RECORD**



Client: Developpements Proximi-T

Job Number: MM2320

Site Name: Dragon Tavern Restaurant

Location: 791 Montreal Road,
Ottawa, Ontario

Photographer: AC

Date: July 17, 2020



Photograph 23: View of grease residue on wiring in the basement.



Photograph 24: View of suspected asbestos-containing drywall joint compound in the basement.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 25: View of suspected lead-based paint on drainage pipes in the basement.



Photograph 26: View of wet chemical fire suppression system in the kitchen.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 27: View of suspected asbestos-containing ceiling stipple throughout the main floor.



Photograph 28: View of suspected mould growth along the baseboards of the main floor washroom in the kitchen area.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 29: View of the inside of the walk-in refrigerator in the kitchen.

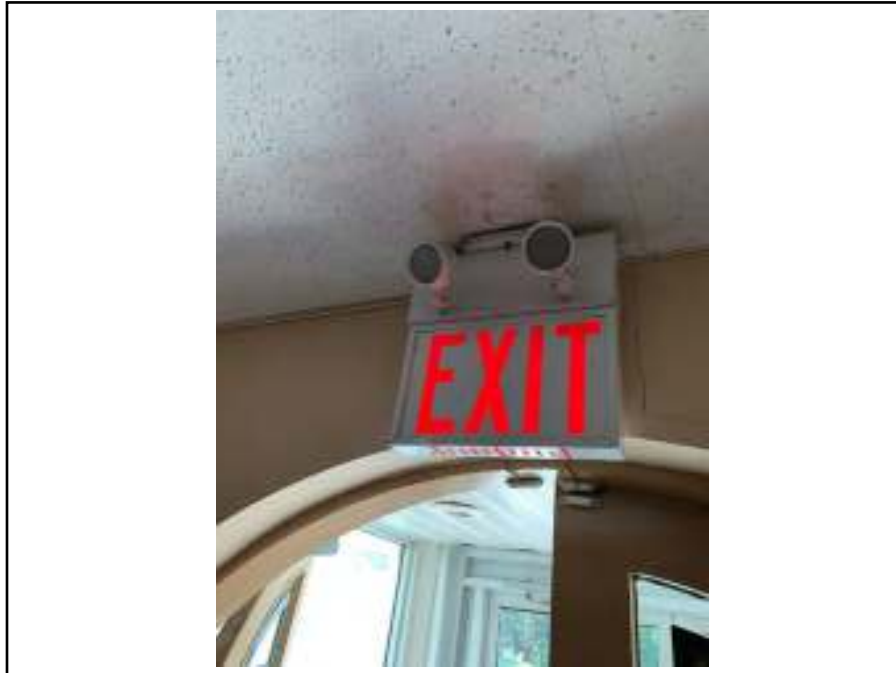


Photograph 30: View icemaker in the kitchen, potentially ODS containing.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 31: View of emergency lights in the dining room. Emergency light batteries are assumed to contain lead.



Photograph 32: View of the drink cooler in the bar area, potentially ODS containing.

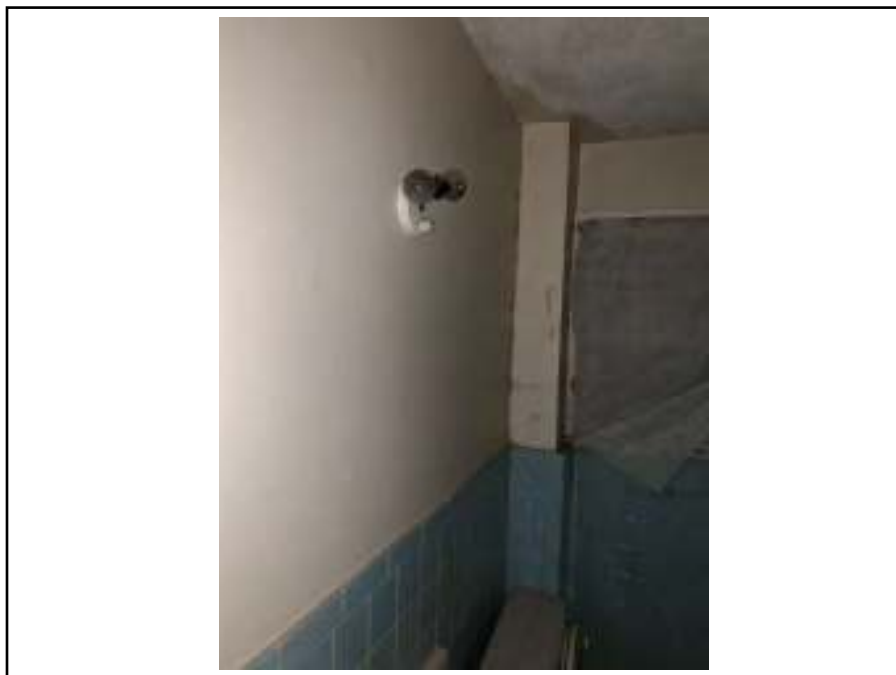
APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 33: View of the roof and exterior wall of the second floor apartment unit.



Photograph 34: View of old mercury-containing light bulbs in the second floor apartment washroom.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 35: View of suspected mercury-containing thermostat in the second floor apartment unit.



Photograph 36: View of suspected asbestos-containing pebble dash exterior finish on the north façade of the building.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 37: View of gas line point of entry on the north east corner of the building.



Photograph 38: View of invasive dog strangling vine vegetation along the east side of the subject building

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 39: View of suspected asbestos-containing grout behind exterior ceramic tile along the south, west and east facades of the building.



Photograph 40: View of Montreal Road facing west from the subject property.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 41: View of commercial plaza located on the adjacent property to the west at 949 Montreal Road.



Photograph 42: View of Montreal Road facing west from the intersection of Hochelaga St. and Montreal Road.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 43: View of Montreal Road facing south from the subject property.



Photograph 44: View of the adjacent property to the east located at 973 Montreal Road.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 45: View of Montreal Road facing east from the intersection of Burma Road and Montreal Road.



Photograph 46: View of the NRC campus facing north from the intersection of Burma Road and Montreal Road.

APPENDIX A
PHOTOGRAPHIC RECORD



Client: Developpements Proximi-T	Job Number: MM2320
Site Name: Dragon Tavern Restaurant	Location: 791 Montreal Road, Ottawa, Ontario
Photographer: AC	Date: July 17, 2020



Photograph 47: View of Montreal Road facing west from the intersection of Burma Road and Montreal Road.

APPENDIX B

AERIAL PHOTOGRAPHS

Phase I Environmental Site Assessment

971 Montreal Road

Ottawa, Ontario

Developpements Proximi-T

MM2320



HISTORICAL AERIALS

Project Property: 971 Montreal Road
971 Montreal Road
Ottawa ON K1K 0S6

Project No: MM2320

Requested By: CM3 Environmental Inc.

Order No: 20200626198

Date Completed: July 02, 2020

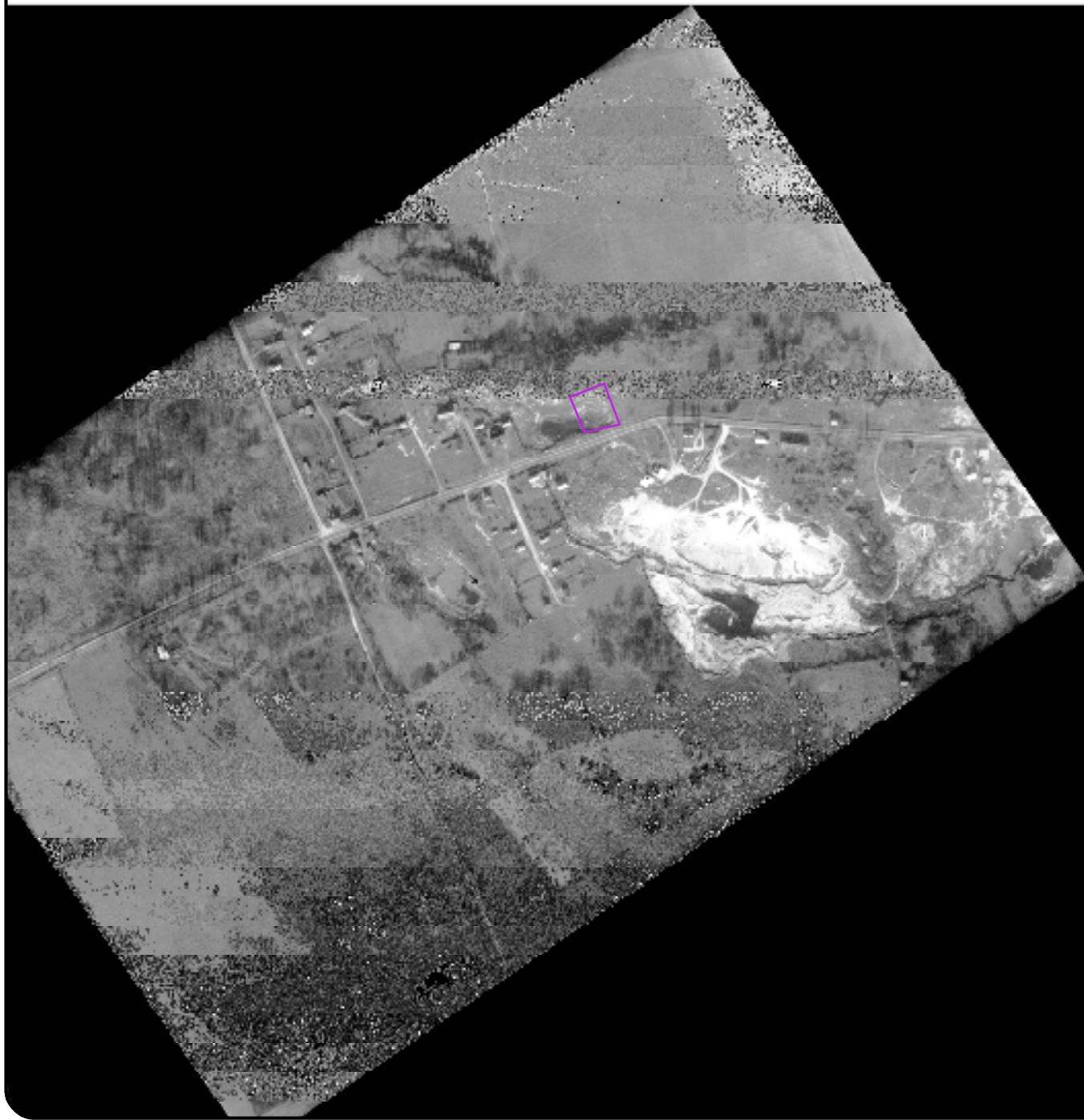
Decade	Year	Image Scale	Source
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1930	1930	10000	NAPL
1950	1953	15000	NAPL
1980	1980	25000	NAPL
2010	2015	10000	City of Ottawa

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Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com



0 0.125 0.25 0.5
Kilometers

Order Number: 20200626198

Year: 1930
Source: NAPL
Map Scale: 1: 10000
Comments: Best Adjacent Decade Available



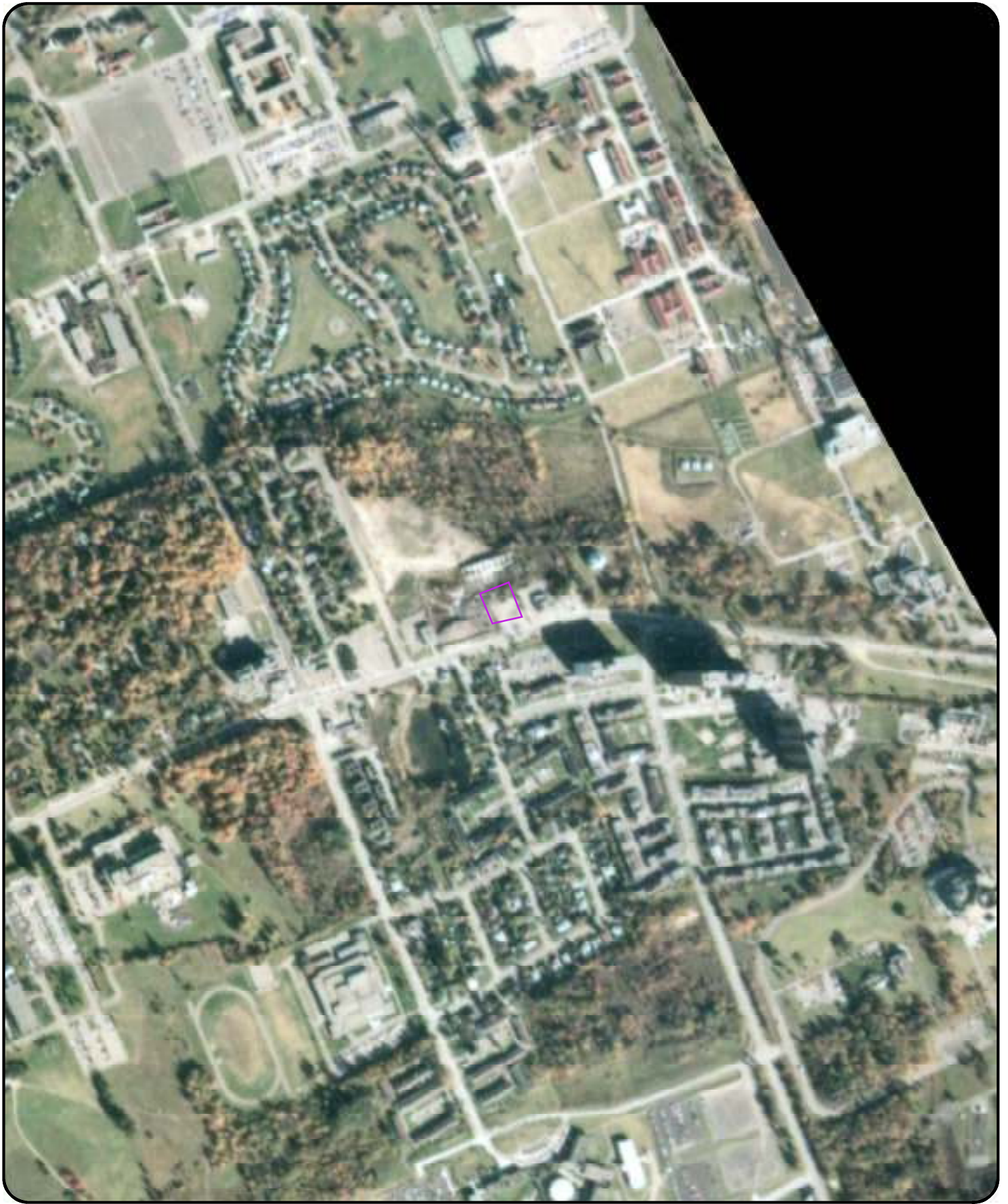


0 0.125 0.25 0.5
Kilometers

Order Number: 20200626198

Year: 1953
Source: NAPL
Map Scale: 1: 10000
Comments:





0 0.125 0.25 0.5
Kilometers

Order Number: 20200626198

Year: 1980
Source: NAPL
Map Scale: 1: 10000
Comments:





0 0.125 0.25 0.5
Kilometers

Order Number: 20200626198

Year: 2015
Source: City of Ottawa
Map Scale: 1: 10000
Comments:

APPENDIX C

FIRE INSURANCE PLANS

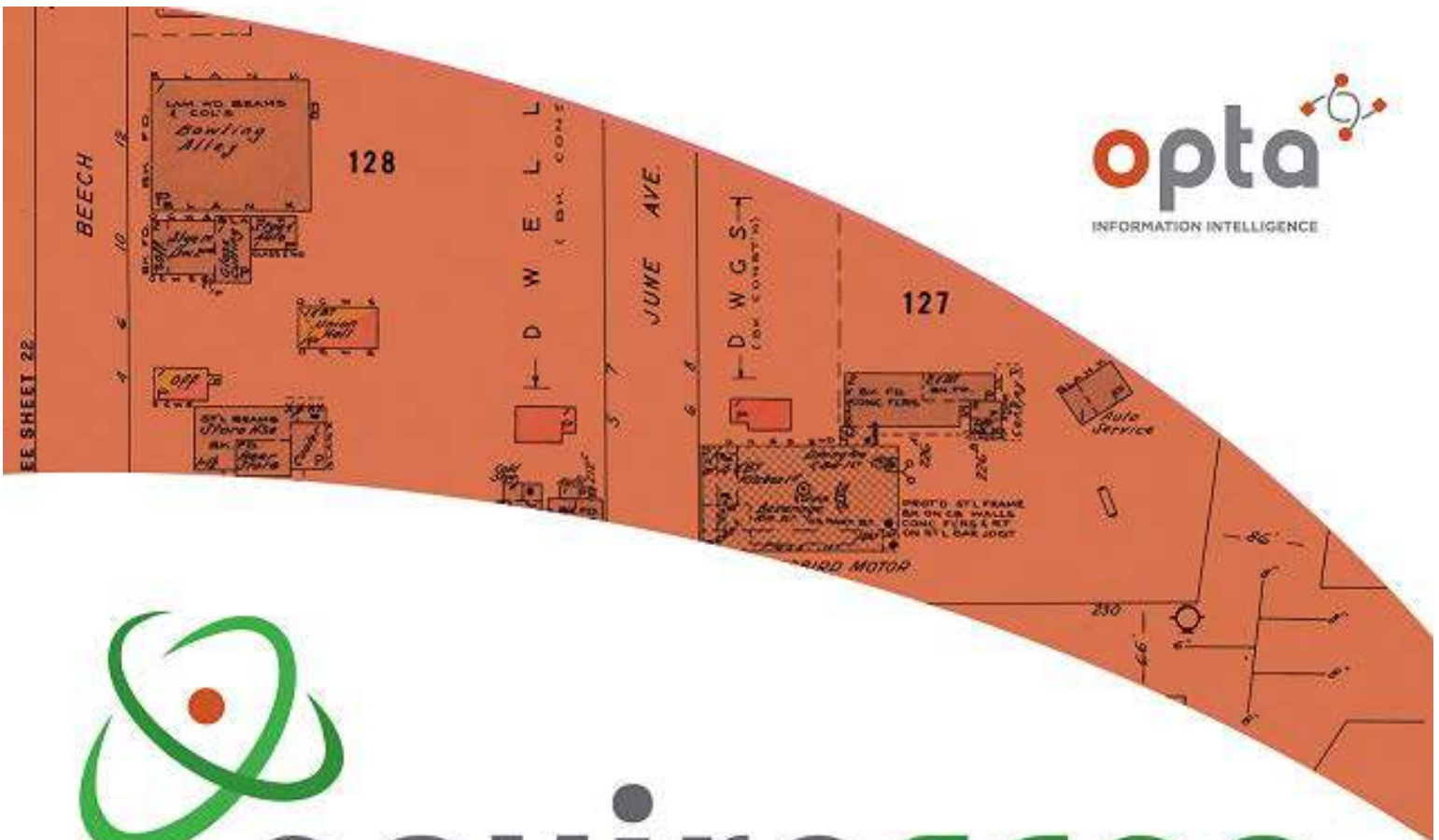
Phase I Environmental Site Assessment

971 Montreal Road

Ottawa, Ontario

Developpements Proximi-T

MM2320



enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

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

Report Completed By:
Sunita

Site Address:

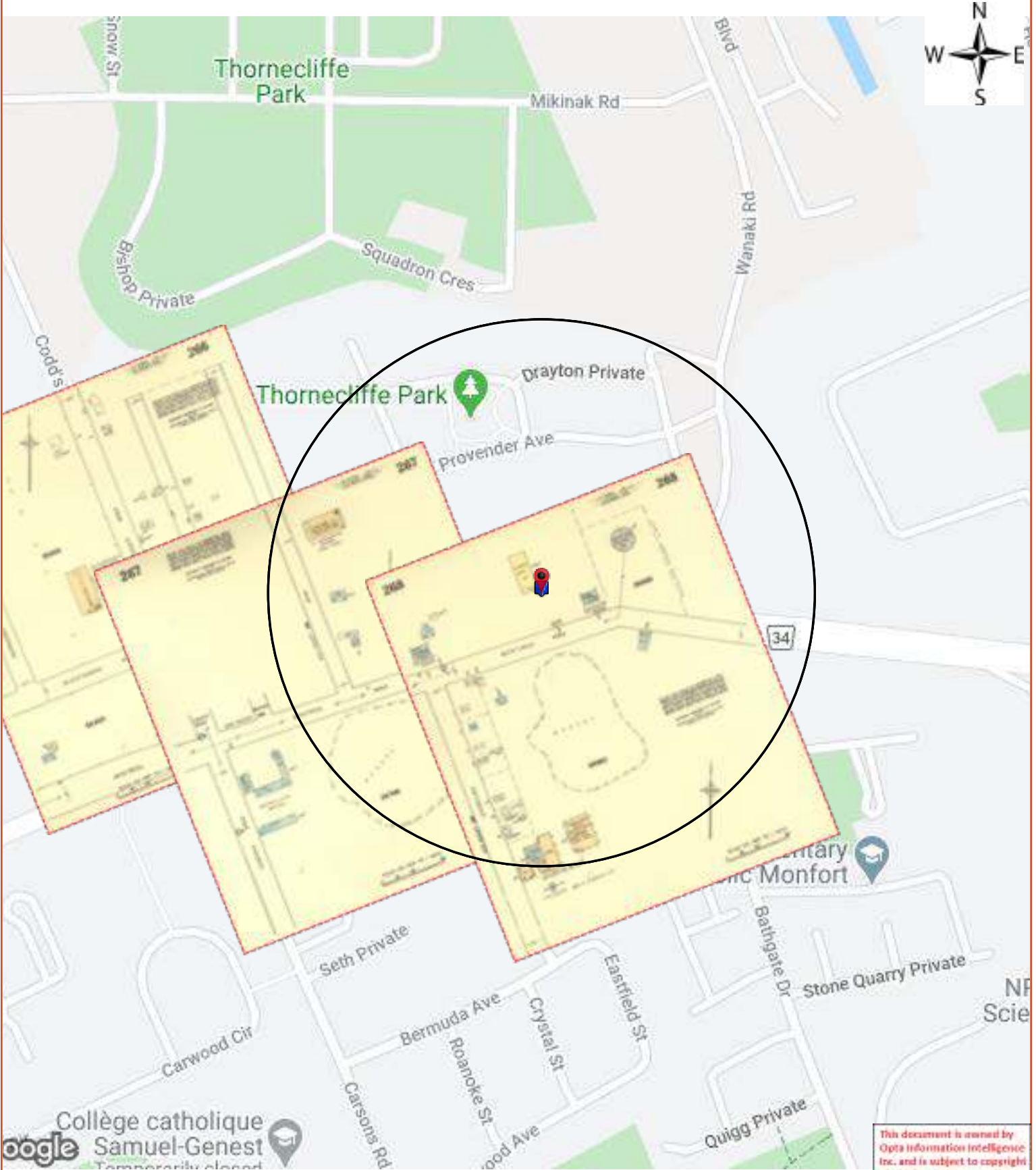
971 Montreal Road Ottawa Ont
Project No:

20200626198
Opta Order ID:

75178

Requested by:
**Eleanor Goolab
ERIS**

Date Completed:
7/6/2020 7:37:51 AM



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Report

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Governing Document

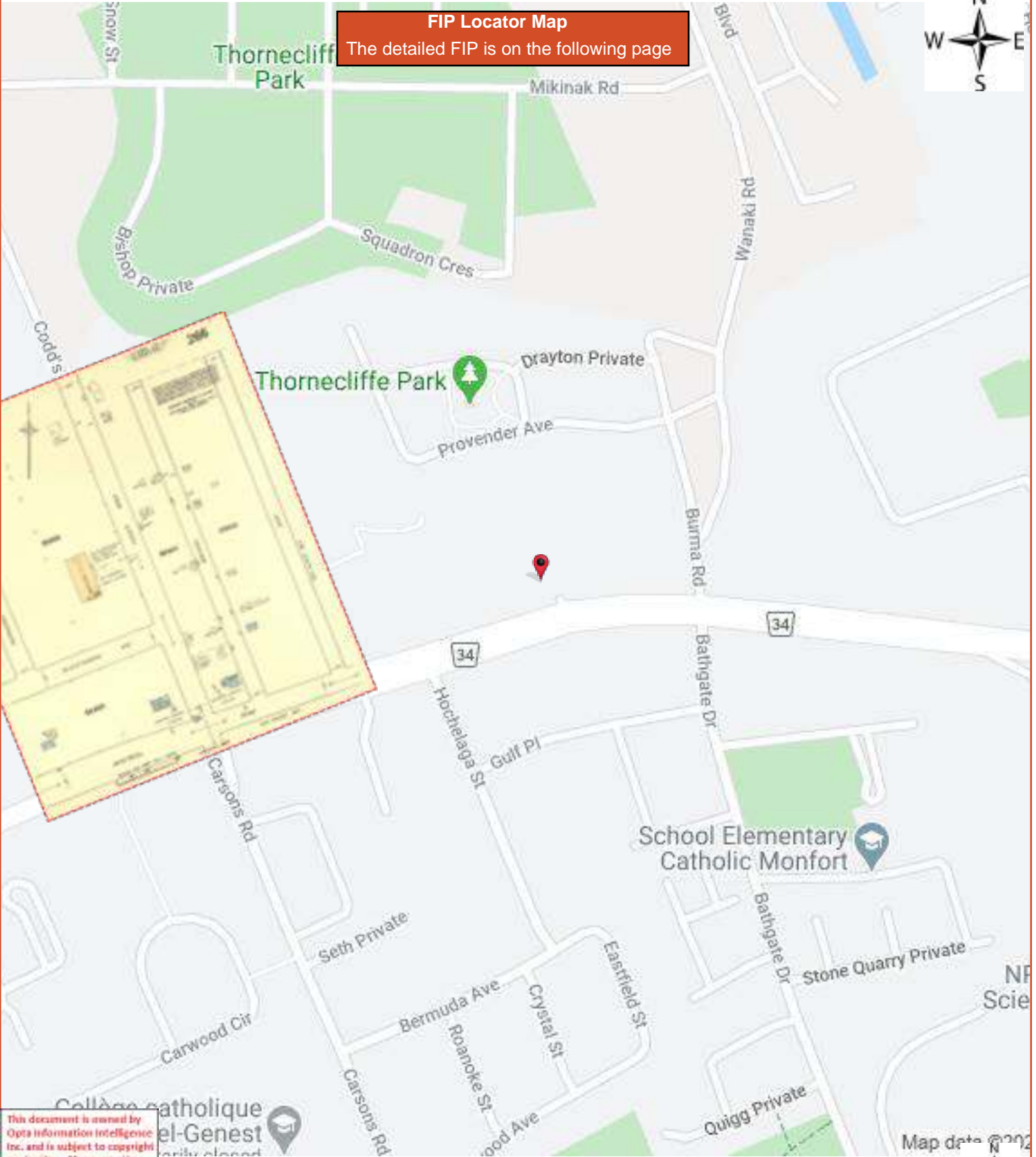
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Law

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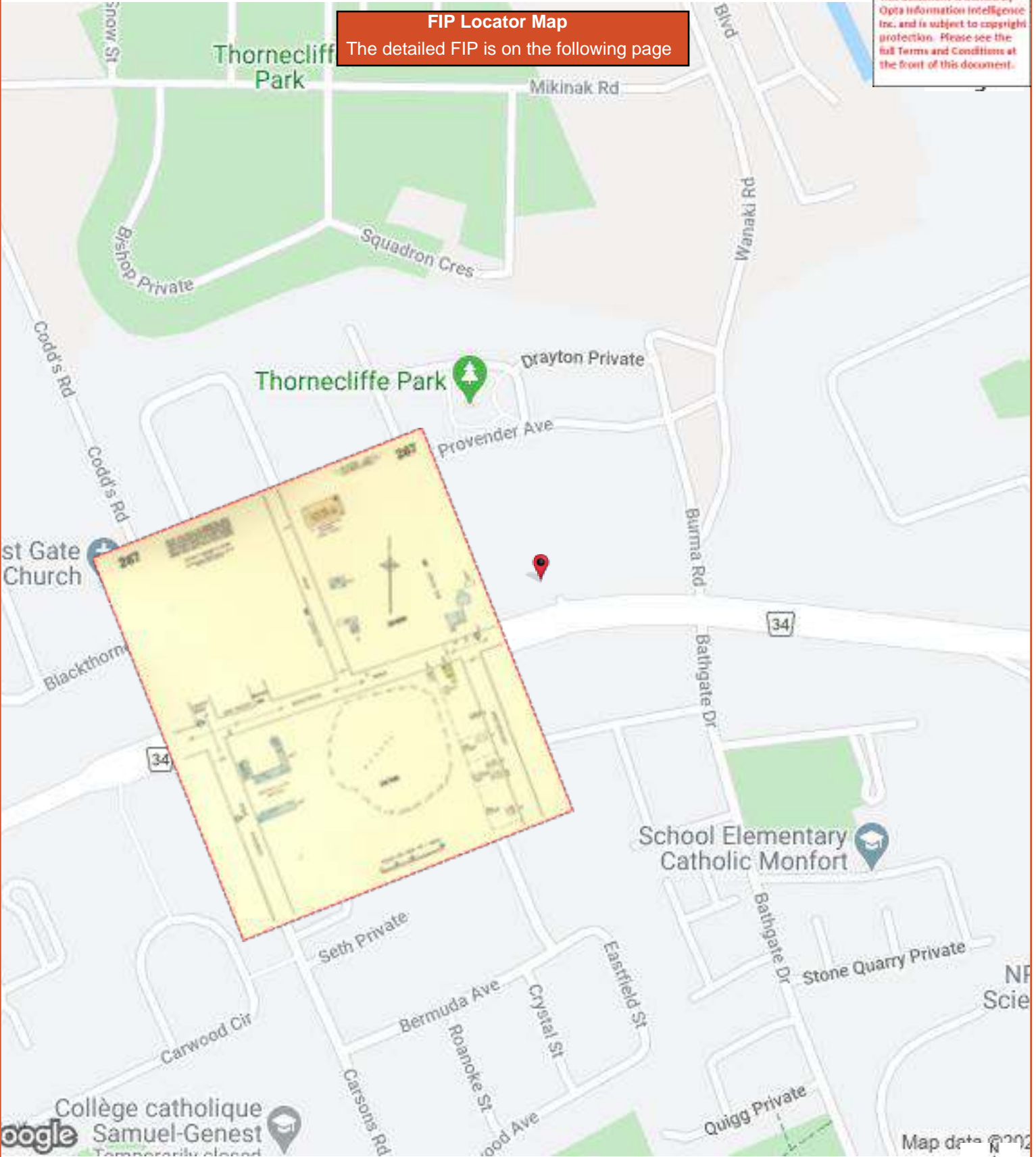
Page	Report Title
6	(1958) Volume: Ottawa Volume 2 Firemap: 266
8	(1958) Volume: Ottawa Volume 2 Firemap: 267
10	(1958) Volume: Ottawa Volume 2 Firemap: 268
11	(2011) ESSENTIALS LOSS CONTROL SURVEY Report - 2011 MOON-CHUN TAM 971 Montreal Road OTTAWA ON K1K0S6 (distance = 0 metres*)
22	(1999) Multirisk Report - 1999 1146572 ONTARIO INC. O/A DRAGON RESTAURANT 971 Montreal Road OTTAWA ON K1K0S6 (distance = 0 metres*)
37	(1988) Cope Report - 1988 DRAGON TAVERN RESTAURANT 971 Montreal Road OTTAWA ON K1K0S6 (distance = 0 metres*)
42	(1998) EATING & LICENSED Report - 1998 DRAGON TAVERN RESTAURANT 971 Montreal Road OTTAWA ON K1K0S6 (distance = 0 metres*)
53	(1995) EATING & LICENSED Report - 1995 DRAGON TAVERN RESTAURANT 971 Montreal Road OTTAWA ON K1K0S6 (distance = 0 metres*)
64	(1982) COMMERCIAL PROPERTY FIRE RATING FORM Report - 1982 971 Montreal Road OTTAWA ON K1K0S6 (distance = 0 metres*)
67	(1988) Siteplan Report - 1988 971 Montreal Road OTTAWA ON K1K0S6 (distance = 0 metres*)





FIP Locator Map
The detailed FIP is on the following page

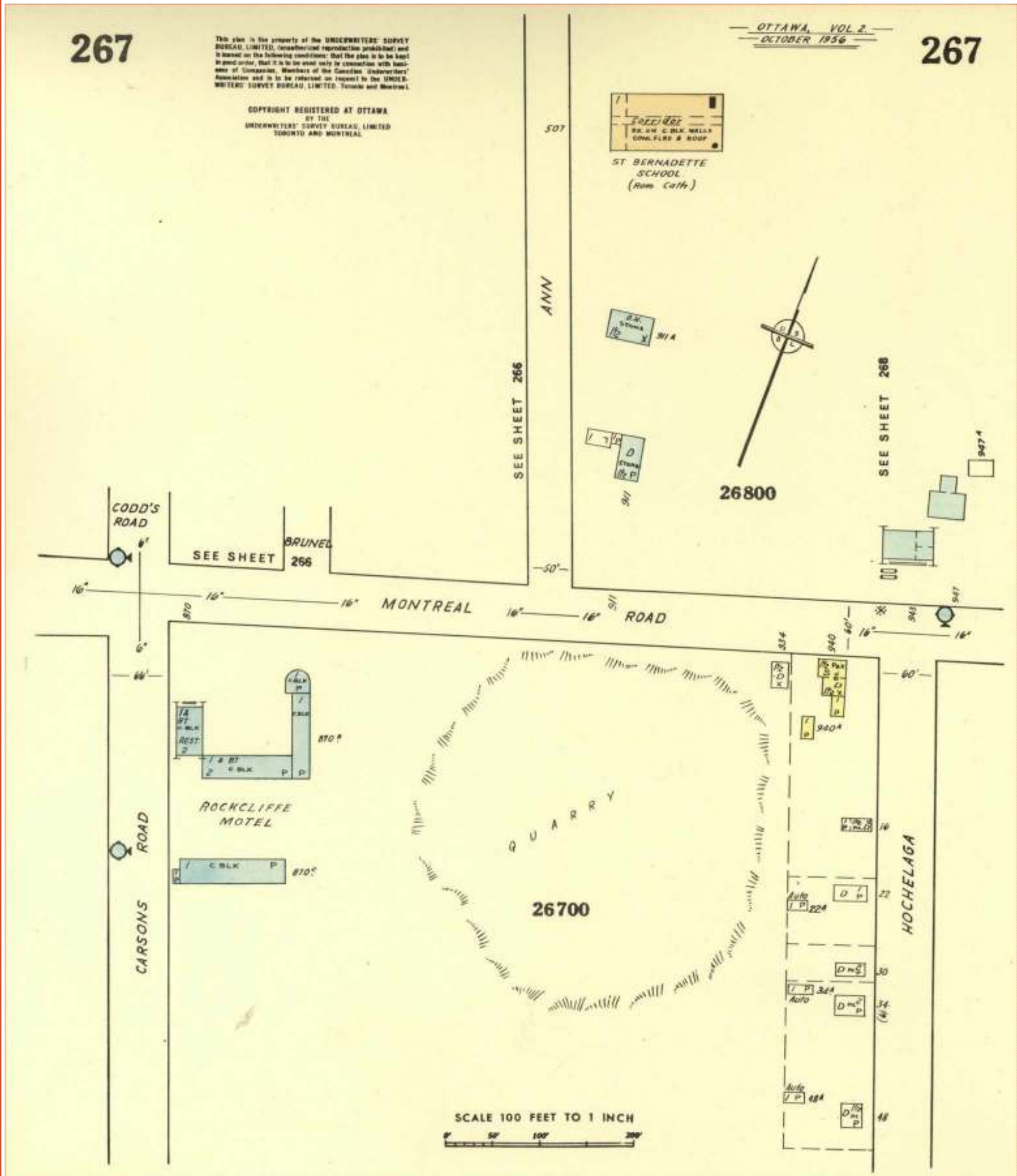
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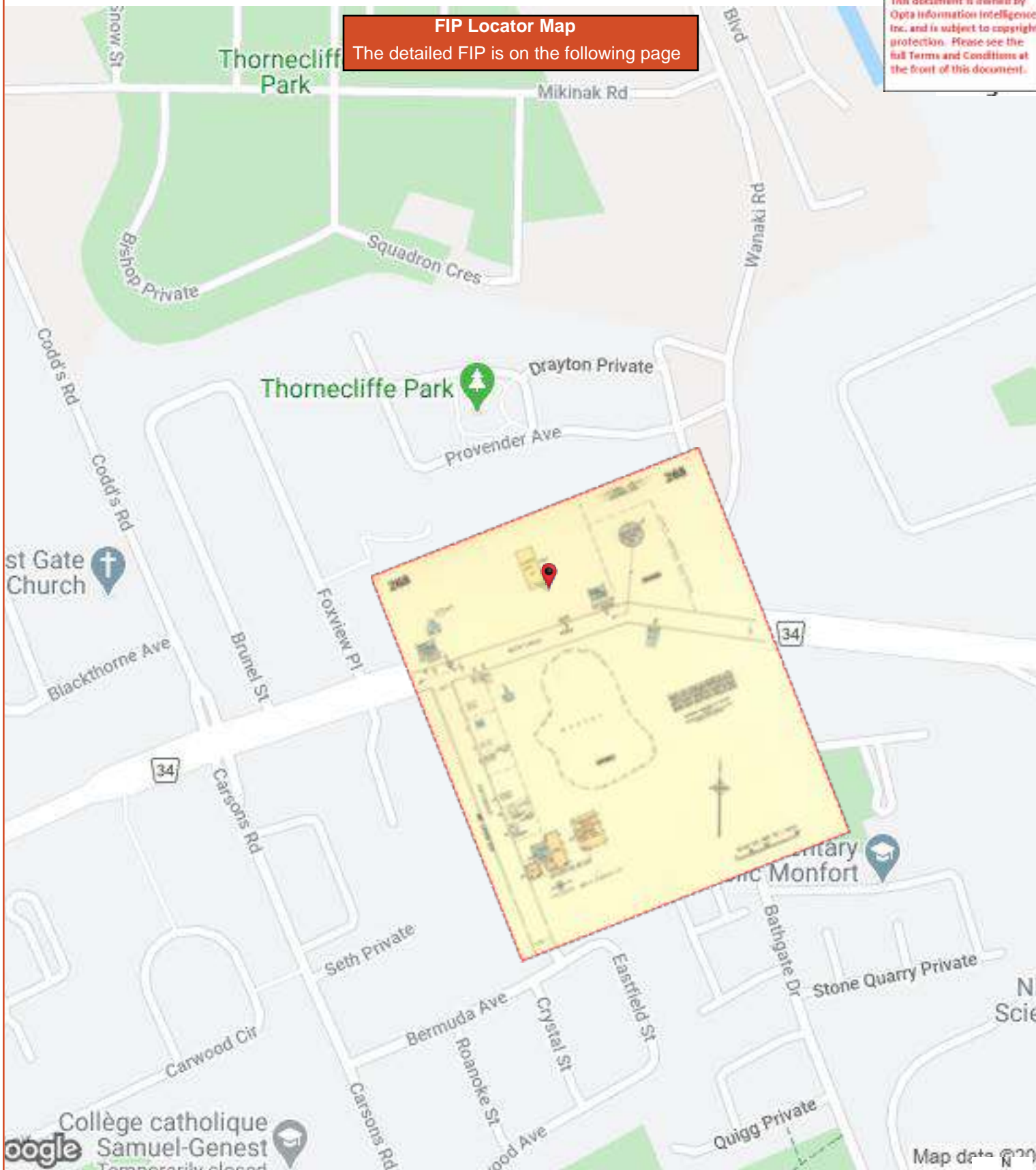
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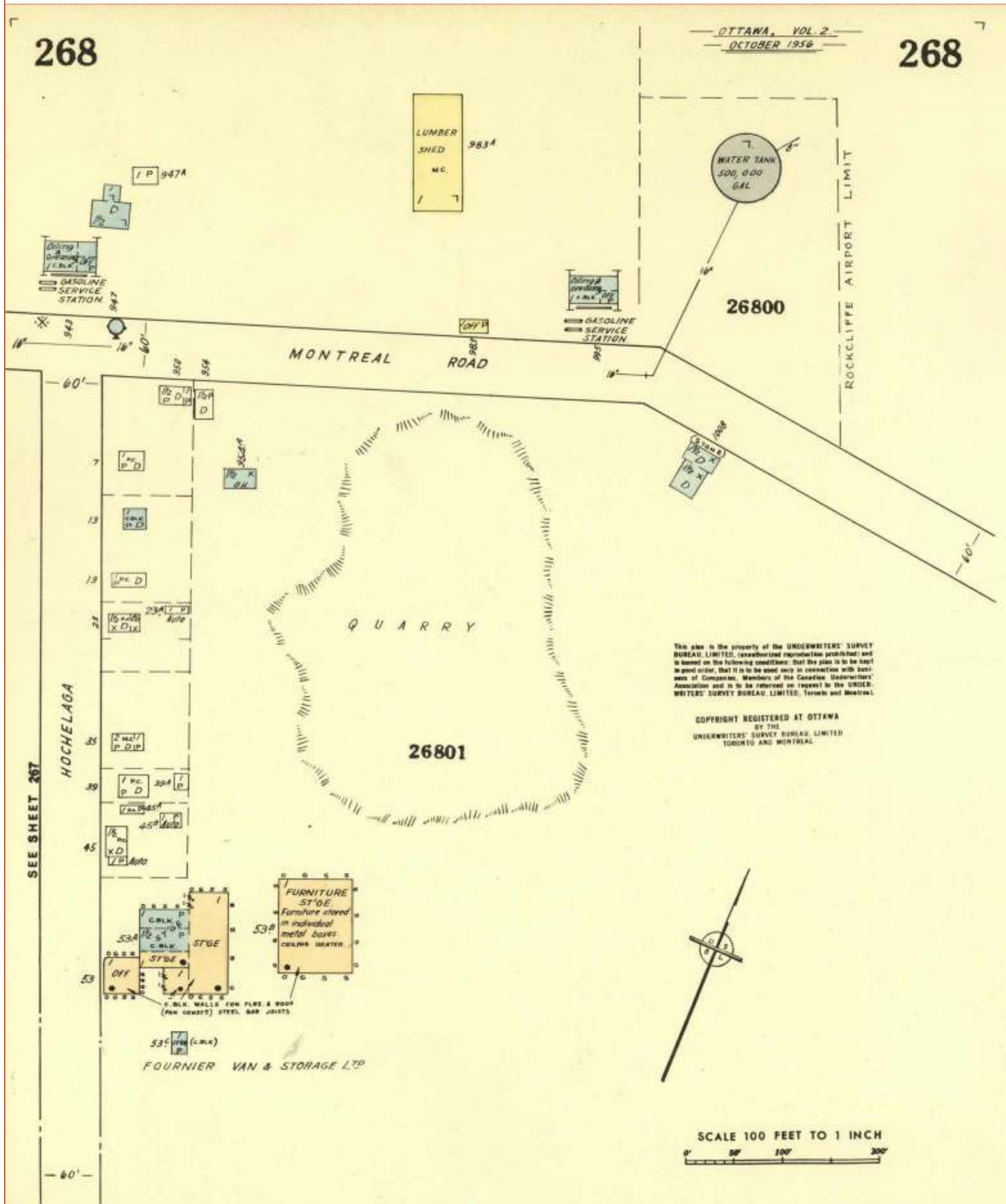




FIP Locator Map
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ESSENTIALS LOSS CONTROL SURVEY Report - 2011 MOON-CHUN TAM 971 Montreal Road OTTAWA ON K1K0S6



ESSENTIALS



ACCEPTABLE RISK WITH MODERATE DEFICIENCIES

Loss Control Survey

Insured Name MOON-CHUN TAM
Location 971 MONTREAL RD
OTTAWA, ON
K1K 0S6
Policy 8395040
Contact at Risk Moon-Chun Tam
Date of Survey 01-DEC-2011
Loss Control Specialist BARRY CROSS
RMS Tracking Number 1229121



RISK SUMMARY

Insured	OWNER OCCUPANT	Industry Code	5812-00		
% of Area Occupied	90	Area Occupied (Sq.M/Sq.F)	909/9784	% Vacant	10
Construction Class	4 - MASONRY				
FUS Grade	3	Hydrants 2 <= 155m Fire Hall <= 2 km			
Adjusted FUS Grade	NO				
Sprinkler Protection	NO Automatic Sprinkler Protection				
Building Condition	AVERAGE				
Premises Liability	NO				
Crime	NO				
Recommendations	YES				

RECOMMENDATION SUMMARY

Building Construction	SATISFACTORY	Recommendation	0
Electrical	SATISFACTORY	Recommendation	0
Heating	SATISFACTORY	Recommendation	0
Plumbing	SATISFACTORY	Recommendation	0
Special Hazards	SATISFACTORY	Recommendation	0
Private Protection	SATISFACTORY	Recommendation	0
Premises Liability	NOT SATISFACTORY	Recommendation	2
Other	SATISFACTORY	Recommendation	0

Number of Recommendation 2

Occupancy Description

The insured owns and operates this licensed buffet style Chinese restaurant. The servicing of kitchen safety equipment is up to date. Liquor sales are low. See the Eating and Licensed Establishment Supplement attached. The basement is unfinished and used for dry storage. The 2nd floor is not presently used.

Claims History

None.

Statement of Purpose

The objective of this underwriting report, which may include supplemental reports and/or valuation is to provide insurance pricing and underwriting information about the described property. It is based on a non invasive, visual inspection of the property and/or information supplied by the Insured or Insured's representative, using commonly accepted risk control standards, in accordance with the underwriting requirements of the named Insurer, and is intended to be used for underwriting purposes only.

This report does not guarantee compliance with any standards, federal, provincial or municipal codes, ordinances or regulations nor does it purport to list all hazards or imply that other exposures do not exist.

No warranty of safety or function is implied.

If recommendations are included, they are based on apparent and obvious conditions found at the time of our visit and are provided in the interest of loss prevention, improving safety or enhancing protection.

If a valuation is included, it is intended to provide the estimated reconstruction cost. This is defined as the total cost of construction required to entirely rebuild an exact replica of a subject building using "like kind and quality" materials, construction standards and quality workmanship at current prices. Marshall and Swift/Boeckh, or other cost data, which may be modified to reflect local conditions, is used in calculating the reconstruction cost. This cost includes labour, materials, supervision, architect's fees, builder's overhead, profit, fixed equipment, allowances for applicable taxes, insurance, permits, costs of demolition, debris removal and site accessibility contingencies.

It should be kept in mind that values will fluctuate with changing conditions and although this figure is intended to be accurate as of the date the valuation was carried out, it is subject to inflation and any amendments to the risk itself.

BUILDING INFORMATION

Building Description		Dragon Restaurant			
IBC Construction Class	4 - MASONRY			N.F.P.A. 3	
Year Built	1975 Estimated	Number Of Stories (Above Grade)	2	Height (Above Grade) (M)	6
Building Areas					
Ground Floor Area (Sq. M/S.F)	410/4413	Basement Area (Sq. M/S.F)	410/4413		
Total Floor Area (Sq. M/S.F) (Excluding Basement)	489/5264	Total Floor Area (Sq. M/S.F.) (Including Basement)	909/9784		
Additions	0	Renovations	1		
Wall Construction		Floor Construction		Foundation	
Masonry %	100	Wood Joist %	100	CONCRETE	
Roof					
Roof Construction		Roof Type		Roof Surface	
Wood Joist %	100	Flat %	100	Tar And Gravel %	100
Roof Resurfaced?					
UNDETERMINED					

Common Hazards					
Electrical		Heating		Plumbing	
BX BREAKERS Installation (Wiring) Replaced	NO	Forced Warm Air %	100	Deficiencies	NO
		Boiler	NO	Backflow prevention	UNKNOWN
		Fuel Type		Is There A Hot Water Tank?	YES
		GAS		Age Of Tank (Yrs)	unknown

Special Hazards		YES
Commercial Cooking	YES	

Protection					
Municipal					
Responding Fire Department	YES	Ottawa	Fire Hall < 5 km		YES
Fire Hydrants	YES	Hydrants 2 <= 155m			
Building					
Automatic Sprinklers	NO				
Fire Extinguishers	YES	Annual Maintenance		YES	
Fire Detection System	NO				

Exposures		YES					
Facing	N/A	Rear	N/A	Right	10 (m)	Left	N/A
Stairs/Ramps/Handrails	ACCEPTABLE			Sidewalks/Yards/Parking lots	UNACCEPTABLE (REC. MADE)		
Snow and Ice Control	ADEQUATE			Obvious trip and fall hazards	NO		
Evidence of Water Damage	NO						
Security Features	Alarmed	YES		Monitored	YES	ULC Listed	NO (NOT REQUIRED)
Remarks	YES		Recommendation made to repair pothole near parking lot entrance				

Remarks

None.

EATING AND LICENSED ESTABLISHMENT

General Business

Type Of Business	RESTAURANT
Is There A Dining Room	YES
Is There An Indoor Terrace	NO
Is There An Outdoor Terrace	NO
Is There A Liquor License	YES
Is There A Dance Floor	NO
Are There Shows	NO
Is There A Stand-Up Bar	NO
Is There Table Side Cooking	NO
Maximum Capacity According To Permit	136
How Long Insured At This Location	7
How Long Operating This Type Of Business	7
None	

Exterior Signs

Construction Of Exterior Sign	PLASTIC, METAL
Location	OTHER
Two signs, one on wall and one is self standing	

Kitchen

Is There A Kitchen(S)	YES
Interior Wall Finish	Drywall
Ceiling Finish	Drywall
Floor Finish	Ceramic tile
Finish Of Walls Exposed By/Adjacent To Cooking Appliances	NON-COMBUSTIBLE
Cleanliness	GOOD
NO	
Number Of Types Of Cooking Appliances	4
Type	DEEP FAT FRYER
# Of Appliances	2
Fuel	NAT GAS
Automatic Shut-Off	YES
Stainless Steel Hoods	YES
Protection	FIXED SYSTEM
Type	STOVE / RANGE
# Of Appliances	2
Fuel	NAT GAS
Automatic Shut-Off	YES
Stainless Steel Hoods	YES
Protection	FIXED SYSTEM
Type	OTHER
Woks	
# Of Appliances	6
Fuel	NAT GAS

EATING AND LICENSED ESTABLISHMENT**Kitchen**

Automatic Shut-Off	YES
Stainless Steel Hoods	YES
Protection	FIXED SYSTEM
Type	OTHER
Rice steamer	
# Of Appliances	1
Fuel	NAT GAS
Automatic Shut-Off	YES
Stainless Steel Hoods	YES
Protection	NONE

Exhaust System Cleaning

Exhaust Filter(S) Cleaned	WEEKLY
Name Of Company	In house
Clean At Time Of Inspection	YES
Exhaust Hood(S) Cleaned	WEEKLY
Exhaust Ducts Cleaned	6 MONTHS
Filtering System	BAFFLE TYPE FILTERS
Exhaust Ducts	EXTENDS THROUGH THE ROOF
Do Exhaust Ducts Pass Through Combustible Materials	YES
Are Exhaust Ducts Protected By A Fixed Extinguishing System	YES
Last Service Date	06/2011
Last Cleaning Date	06/2011
Year Of Installation	2004
Any Ducts Over 20' Length	NO
Clean Out Doors	YES
NONE	

Fixed Extinguishing Systems For Cooking Appliances And Exhaust Systems

Type Of Installation	WET CHEMICAL
Emergency Manual Operation	YES
Is System Ulc1254.6/UI300 Compliant	YES
System Listed By	ULC
System Manufacturer	Range Guard
Model	4G,6G
Maintenance Contract	YES
Expiry Date	02/2012
Company	Superior Safety
Telephone #	613 727 5330
Last Service Date	08/15/2011
Inspection	SEMI-ANNUAL
Certificate	NO

Other Protection Specific To Occupancy

EATING AND LICENSED ESTABLISHMENT

Other Protection Specific To Occupancy

Automatic Sprinklers At Ceiling	NO
Automatic Sprinklers In Hoods	NO
Automatic Sprinklers In Exhaust Ducts	NO
Extinguishers In Kitchen Areas	TYPE K
Was Last Service Date Determined	YES
Last Service Date	08/15/2011
None	

Refrigeration Installation

Number Of Refrigerators	2
Number Of Cold Rooms	1
Dimension Of The First Cold Room (M)	3.6x4.6
Number Of Freezer Rooms	1
Dimension Of The First Freezer Room	3.6x4.6
Refrigeration Equipment Appears In Good Repair	YES
Smooth Interior Surfaces	YES
Refrigeration Lighting Equipment Properly Protected	YES
NONE	

Products Liability

Food Preparation Procedures Appear Adequate To Prevent Foreign Matter	YES
Overall Cleanliness/Conditions In Food Preparation Area	GOOD
Food Storage Adequate	YES
Cooler Refrigeration Suitable	YES
Commercial Dishwasher	YES
Insecticides/Pesticides Used	NO
Contract Pest Control Services	YES
Take Out Services	YES
NONE	

Liquor Liability


Sale Of Food	YES
Sale Of Alcohol	YES
Food/Liquor Sales Ratio	90/10
Manager/Assistant Manager Always On Duty	YES
Years Of Experience	7
Hours Of Operation (Hours Per Day)	12.00
Days Per Week	7
Admission/Coverage Charge	NO
Bouncer/Doorman	NO
Other Recreational Facilities	NO
Entertainment	NO
Dance Floor	NO
Live Bands	NO

EATING AND LICENSED ESTABLISHMENT**Liquor Liability**

Video Lottery Terminals	NO
Pool Tables	NO
Shuffleboard	NO
Mechanical Rides	NO
Darts	NO
Sound System & Lighting Secure	N/A
Other	NO
Do Above Items Have Adequate Controls/Procedures In Place To Minimize Loss Potential	N/A
Staff Training	OUTSIDE
Smart Serve	
Describe Procedures For Identification And Handling Of Intoxicated Patrons	N/A
Past Problems With Rowdy Or Intoxicated Patrons	NO
Designated Driver Programs	NO
Warm Food And Coffee Always Available	YES
This is almost exclusively an eatery	
Parking Facilities Provided	YES
Private parking	
Parking Charges	NO
Taxi Service Available	YES
Public taxi	
Direct Taxi Phone Line	NO
Pay Phone	NO
Designated Smoking Area	N/A
Permanent Guests Or Boarders	NO
Cancellation Or Fines For Serving Liquor	NO
Patrons Barred Entry	NO
Other Bars/Establishments In Area	YES
Commercial area	
Any Additional Comments	NO

RECOMMENDATIONS

Insured Name MOON-CHUN TAM
Location 971 MONTREAL RD
 OTTAWA, ON
 K1K 0S6
Policy 8395040
Contact at Risk Moon-Chun Tam
Date of Survey 01-DEC-2011

PICTURE	CAUSE AND EFFECT	RECOMMENDATION	REFERENCE
<p>2011-01 MODERATE (5 - 9)</p>	<p>An uneven surface can lead to trip and fall injuries.</p>	<p>Any potholes in the parking lot should be repaired promptly to avoid the possibility of bodily injury or property damage.</p>	<p>Good loss control practice</p>
<p>2011-02 MODERATE (5 - 9)</p> 	<p>To avoid possible bodily injury</p>	<p>The rear steel staircase leading to the roof should be inspected and repaired as required.</p>	<p>Good loss control practice</p>

PHOTOS



Cooking appliances



Electrical panel



Dining room

Multirisk Report - 1999 1146572 ONTARIO INC. O/A DRAGON RESTAURANT 971 Montreal Road OTTAWA ON K1K0S6



Ontario Branch
Confidential Report

MULTIRISK SURVEY

Insured: 1146572 ONTARIO INC. O/A DRAGON RESTAURANT

Location Surveyed: 971 MONTREAL RD
OTTAWA, ONTARIO
K1K 0S6

Person Contacted: Stanley Tam
Telephone Number: (613) 746-7777

Policy Number: 8354222
AIS Reference: 10676146

Surveyed by: Philip J. Juneau
Date of Survey: 1999.01.14

Committed to Service Excellence

NOTE: The sole purpose of this report is to provide insurance pricing and underwriting information about the particular insured and location named. Only the person requesting this survey will receive a copy of the report, and IAO asks that it be kept strictly confidential. This report does not guarantee compliance with any standards or with any federal, provincial or municipal codes, ordinances or regulations. Tests of fire and other protection equipment have not been conducted or witnessed during this survey.

IAO reports, prepared in compliance with commonly accepted risk control standards existing at the time services are rendered, are developed from a survey of the premises and/or from data supplied by or on behalf of the Purchaser. IAO does not purport to list all hazards. While changes and modifications, referred to in the reports are designed to upgrade protection and loss prevention of the premises, IAO assumes no responsibility for management and control of these activities. IAO will not be responsible to the Purchaser for any loss or damages, whether consequential or other, however caused, incurred or suffered, as a result of the services being provided.

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 a tenant at this location. They have been in operation since 1996 and at this location for 3 year(s). They occupy 532 sq. m and are the major occupant, having 8 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

A windstorm in 1997 caused damage to the exterior sign. No other details available.

* Occupancy Description (Insured / major tenant if insured is non-occupant)

The insured operates a licensed chinese restaurant with take out services and no entertainment.

The second floor is vacant space. Kitchen equipment inclues regular commercial cooking appliances. See attached "Cooking Supplement" for more details.

* Other Classes of Occupants

None

* Undersirable Features

- Non-standard portable fire extinguishers
- Aluminium hood provided in the kitchen area
- Kitchen hood extremely greasy.

It is recommended that this location be resurveyed in 1 year(s).

BUILDING:

* Built - 1950's (est.) Height: Storey(s) (excluding basement) - 1 & 2

* Addition(s) - None

* Renovation(s) - None

* Building condition - Good

* Area: Ground Floor - 420 sq. m Total (including basement) - 952 sq. m

BASIC CONSTRUCTION:

- * Walls - 65% Masonry - Concrete blocks
35% Wood Frame - Rough cast

- * Floors - (excluding basement) 100% Wood joist
- * Roof - 100% - Wood joist
 - Surface material(s) - Tar and gravel
 - Roof replaced, unable to determine when.

INTERIOR FINISH:

- * Walls - 100% non-combustible
- * Ceilings - 100% non-combustible

BASEMENTS:

- * Number of basements - 1
- * Total Area - 420 sq. m
- * Finished - 100% Unfinished - 0%

VERTICAL OPENINGS:

- * Stairs - Protection open

MEZZANINE: None

OUTBUILDINGS: None

HEATING:

- * Forced Warm Air - 100% - Natural gas
 - Year replaced could not be determined, % replaced could not be replaced.
 - Installation appears safe
- * 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:
 - Unlabelled Prefabricated - Standard

ELECTRICAL:

- * Condition - Good and appeared safe at the time of the survey.
- * Wiring - BX, Non-Metallic
- * Overcurrent protection - Circuit Breakers.
- * Electrical system - Year replaced could not be determined, % replaced could not be replaced.

PLUMBING:

- * Condition - Good at the time of the survey.
- * Piping is Copper
- * Plumbing - Year replaced could not be determined, % replaced could not be replaced.

EXPOSURES: (within 15m of the risk):

- * FRONT: OPEN
- * REAR: OPEN
- * LEFT: OPEN
- * RIGHT: TO BUILDING
 - Construction - Masonry / Non-combustible.
 - Occupancy - Restaurant(s).
 - Distance - 5.4 m Height - 1 storeys
 - Protection - Automatic Sprinklers Grading - Severe

MUNICIPAL PROTECTION:

- * The FUS Public Fire Protection Classification is 3
- * Responding (career) fire department Ottawa H.P.A.
- * 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)

PRIVATE PROTECTION at this location includes the following:

- * Non-standard extinguishers
- * Restaurant cooking protection - Supplement attached

- * An automatic sprinkler system is not present.

M U L T I R I S K - L I A B I L I T Y

OCCUPANCY - GENERAL INFORMATION

- * Neighbourhood is predominantly residential
- * Insured - tenant Area occupied - 840 sq. m
- * 60% accessible to public. Public access is considered moderate
- * Gross revenue - could not be determined at the time of the survey

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; Fire exits

- * Other features present:

Sale of alcohol

- * Other recreational facilities present:

Not applicable

- * The food to liquor sales ratio is 85/15
- * Elevating devices in operation - none

M U L T I R I S K - B A S I C C R I M E

NEIGHBOURHOOD:

- * Predominantly residential
- * Stable
- * Best described as having a low crime rate

BUSINESS:

- * Description - Licensed Restaurant with take out services and no entertainment
 - * Hours of Operation - Mon.-Thur.10:30 - 10:00pm: Fri. 10:30am - 12:00pm; Sat.-Sun. 3:00pm - 12:00pm
 - * Typical Stock - Food products including salads and fresh meat.
 - * Target Stock Details - Beer and liquor
 - * Smash and Grab exposure is low
 - * There is no safe on the premises
-

GENERAL PROTECTION at the time of this survey:

- * The following appeared to be SATISFACTORY:

Exterior Lighting, Interior Lighting, Roof Accessability, Target stock protection, Police Patrols

- * Security Alarm System - Yes
-

SECURITY SYSTEM (TENANT or OWNER/OCCUPANT):

- * A premises alarm system is in place
- * The extent of protection by this system is perimeter, space/area
- * The alarm is ULC Central/Monitoring station
- * Line security is not provided
- * The type of line security is Digital Dialer

PHYSICAL PROTECTION (TENANT or OWNER/OCCUPANT):

- * The exterior locks at this location are deadbolt, spring
Windows bars : side and rear only

This report section is designed to provide basic crime information only. More detailed crime information can be obtained by ordering an Expanded Crime Supplement.

M U L T I R I S K - C O O K I N G

BUSINESS:

* The business operates as a restaurant at this location, with dining room.
The insured has been at this location for 3 years and in this type of
business for 12 years.

* Liquor permit - Yes Capacity - 136

* Number of Kitchens - 2

KITCHEN:

- * Wall Finish - Drywall
 - * Ceiling Finish - Drywall
 - * Floor Covering - Ceramic tile
 - * Wall finish near appliances - Non-combustible
 - * Cleanliness - Fair
 - * Pest Control Program - Germex monthly services
-

REFRIGERATION INSTALLATION:

* Refrigerators - 3 - in good repair.

* Freezers - 4 - in good repair.

* Cold rooms - 2 - in good repair.
- Dimensions - 3m x 1.8m & 3m x 1.8m

APPLIANCES:

- * Oven - 1 Fuel - Natural gas
 - Automatic shut-off - Provided
 - Hood construction - Aluminum
 - Protection - Fixed system

- * Grill/Griddle - 1 Fuel - Natural gas
 - Automatic shut-off - Provided
 - Hood construction - Aluminum
 - Protection - Fixed system

- * Deep fat fryer - 2 Fuel - Electric
 - Automatic shut-off - Provided
 - Hood construction - Aluminum
 - Protection - Fixed system

- * Stove/Range - 1 Fuel - Natural gas
 - Automatic shut-off - Provided
 - Hood construction - Aluminum
 - Protection - Fixed system

- * Chinese wok - 4 Fuel - Natural gas
 - Automatic shut-off - Provided
 - Hood construction - Aluminum
 - Protection - Fixed system

EXHAUST SYSTEM CLEANING:

- * Filter(s) - Weekly
 - Performed by Insured
 - Filter(s) were clean at the time of the survey.

- * Hoods - Monthly
 - Performed by Insured
 - Hoods were not clean at the time of the survey.

- * Ducts - Yearly
 - Performed by Contracted out
 - Ducts were clean at the time of the survey.

EXHAUST DUCTS:

- * Installed in 1960's
- * Arrangement - Discharges directly to the outside
- * Ventilation equipment - adequate

FIXED EXTINGUISHING SYSTEMS:

- * Wet Chemical System labelled by ULC
 - Manual emergency operation is provided
 - Installation approved
 - Certificate not available
 - Manufacturer - Range Guard
 - Model - 6-G
-

MAINTENANCE CONTRACT:

- * Maintenance contract is available
 - * Maintained by Pyron Fire Protection Inc.
 - * Telephone - 1-613-860-3473
 - * Date last serviced - 01-Jan-1999
 - * Stated service frequency - Semi-annual
-

OTHER PROTECTION:

- * Automatic sprinklers are not provided
- * Adequate kitchen extinguishers are not provided
- * Extinguisher types - None
- * ULC labelled grease extraction system not provided

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 well known chinese restaurant located in the East end of the City of Ottawa. The insured was co-operative and readily supplied information to complete the survey and access to the premises.

Portable fire extinguishers require servicing (Recommendation made).
lack of portable fire extinguishers in the dining area (Recommendation made).

- * Cooking - The kitchen housekeeping is in need of improvement (Recommendation made).

Consideration should be given to the replacement of the present aluminum kitchen hood to a standard stainless steel hood (Recommendation made).

The kitchen area lacks a proper portable fire extinguisher (Recommendation made).

The kitchen hood is extremely greasy and requires cleaning (Recommendation made).

RECOMMENDATIONS:

- * 99-01 Fire, Liability & Basic Crime - All portable fire extinguishers should be serviced at least once a year and be tagged with the name of the servicing company and the date of service.

- * 99-02 Fire, Liability & Basic Crime - Provide ULC or equivalent labelled portable extinguishers with a rating of 2A10B,C in the dining room area.

- * 99-01 Cooking - Consideration should be given to the replacement of the aluminum hood in the kitchen area to a standard stainless steel hood.

- * 99-02 Cooking - Housekeeping should be improved in the area of the kitchen.

- * 99-03 Cooking - Provide one ULC or equivalent approved 40BC rated portable extinguisher for the kitchen.

- * 99-04 Cooking - The kitchen hood should be cleaned now and on a regular basis to help prevent incessive accumulation of grease deposits.

**Cope Report - 1988 DRAGON TAVERN
RESTAURANT 971 Montreal Road OTTAWA ON
K1K0S6**

Requested by:
Eleanor Goolab

Date Completed: 07/06/2020 07:37:51



OPTA INFORMATION INTELLIGENCE

Cope Report - 1988 DRAGON TAVERN RESTAURANT 971 Montreal Road OTTAWA ON K1K0S6



INSURERS' ADVISORY ORGANIZATION
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NOT FOR GENERAL DISTRIBUTION

2008-Nov-05
12:12 [Wed]

COPE (Construction, Occupancy, Protection, Exposure) REPORT

Risk: DRAGON TAVERN RESTAURANT
971 MONTREAL ROAD
OTTAWA, ONTARIO
K1K 0S6

Reference No. 10676146 / Building No. 01

(Surveyed By F HUNT on 19-JUL-88)

Please note that the information contained in this report was gathered during a physical inspection of the risk by an IAO Loss Control Representative.

If you wish to obtain building or contents rates for this risk, please refer to the Rate Card in the list of products available for this risk. Please call the IAO Help Desk or your local IAO Representative for help in obtaining a rate for this risk, or do it yourself by going to www.iao.ca and using the New X-rate to generate a new rate yourself.

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----- CODING -----

Industry Code: 581 - Restaurants - Refreshment Stands
Construction Code: 4 - Masonry
Risk Classification: NS - Non-Sprinklered
Protection Code: 2 - Non-Sprinklered, Fully Protected, Gr 3
Combustibility M3

----- BRIEF DESCRIPTION -----

THIS IS A 2,1 STOREY & BST CB & ROUGHCAST
BLDG WITH WOOD JOIST FLOORS & ROOF. OCCUPIED
AS A RESTAURANT AND PART VACANT. EXPOSURES:
LIGHT. MUNICIPAL PROTECTION STD FOR FUS
CLASS 3. PRIVATE PROTECTION NON-STD. HOUSE-
KEEPING IS AVERAGE. CIRCUIT BREAKERS ARE
USED.

----- COMMENTS -----

THIS RISK IS AVERAGE IN CLASS.
DESIRABLE IMPROVEMENTS;
1. PROVIDE A "40B,C" RATED EXTINGUISHER IN

THE KITCHEN AREA.

----- PROTECTION -----

MUNICIPAL PROTECTION:

Distance from Hydrants: STANDARD Congested Area: NO
Distance to Fire Hall: STANDARD Accessibility: GOOD
FUS Protection Class: 03
Revised Class: 03
IAO Protection Class: 03

INTERNAL PROTECTION:

MANUAL FIRE FIGHTING EQUIPMENT: Portable Fire Extinguishers
Standpipe and Hose

----- EXPOSURE -----

NONE NOTED:

----- OCCUPANCY - DRAGON RESTAURANT -----

Industry Code: 581 - Restaurants - Refreshment Stands

Occupancy: 5212C - RESTAURANT

Location: 971 Area: 840 m2 88.0% of Total

Combustibility Code: M3 - Combustible

Susceptibility Code: S4 - Heavy Damage

Special Hazard: 7305B2C1 - REG CKNG-APPRVD EXT SYSM
7305E2 - ALUMINUM HOOD
7402B1 - GREASE ACCUMULATION

----- OCCUPANCY - FORMERLY DWELLING -----

Location: 2ND Area: 112 m2 12.0% of Total
Vacant

**EATING & LICENSED Report - 1998 DRAGON
TAVERN RESTAURANT 971 Montreal Road
OTTAWA ON k1k0s6**

Requested by:

Eleanor Goolab

Date Completed: 07/06/2020 07:37:51



OPTA INFORMATION INTELLIGENCE

**EATING & LICENSED Report - 1998
DRAGON TAVERN RESTAURANT 971
Montreal Road OTTAWA ON k1k0s6**



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EATING & LICENSED ESTABLISHMENTS

Original Survey
 Follow-up Visit

CONFIDENTIAL

NOTE: The sole purpose of this report is to provide insurance pricing and underwriting information about the particular insured and location named below. Only the person requesting this survey will receive a copy of the report, and IAO / CRRS asks that it be kept strictly confidential. This report does not guarantee compliance with any standards or with any federal, provincial or municipal codes, ordinances or regulations. Tests of fire protection equipment have not been conducted or witnessed during this inspection.

Insured: Dragon Tavern Restaurant Insurer: Commerce & Industry Ins. Asia-America Division
 Location Surveyed: 971 Montreal Road Policy / Reference #: CCP0117918
Ottawa, Ontario Surveyed By: Donna Johnson
 Postal Code: K1K 0S6 Date of Survey: January 2, 1998
 Person Contacted: Stanley Tam Telephone #: 613 746-7777

TYPE OF BUSINESS

Restaurant Hotel Motel Tavern Bar
 Pub Cafeteria Banquet Hall Other _____
 With: Dining Room Indoor Terrace Outdoor Terrace Liquor License Dance Floor Shows
 Maximum capacity according to permit: 140 N/A
 How long insured at this location: 2 years
 How long operating this type of business: 22 years

BUILDING

Year Built: 1950s Additions: _____
 Building Renovated: No Yes 19 _____ Stores: 1=2 Height: 3 m & 4.8 m
 Ground Floor Area 420 m². Total Area 952 m². Area occupied by establishment 840 m².
 Basement: Yes No 420 m².
 Building Condition: Good Fair Poor
 Wall Construction: Non-Combustible _____ % Solid Masonry 100 %
 Brick Veneer _____ % Wood Frame _____ %
 Load Bearing: Yes No
 Roof Type: Flat Sloped Peaked Other _____
 Roof Construction: Wood Joist Concrete Steel Deck I II Other _____
 Roof Covering: Tar & Gravel Metal Asphalt Shingles Other _____
 Resurfaced: No Yes 1997
 Exterior Signs:
 Construction: Wood Metal Glass Plastic Other _____ N/A
 Location: Mounted on wall Mounted on roof Self-supported Other _____
 Properly Secured: Yes No _____
 Overall Condition: No visible evidence of deterioration
 Floor Construction: Concrete _____ % Concrete on Metal Pan _____ %
 Wood Joist 100 % Other _____ %
 Vertical Openings: None Stairs Elevator Other: _____
 Proper Protection Yes No Not Applicable
 Horizontal Separation: Major Partition Construction: Not Applicable Frame Plasterboard
 Concrete Block Other: _____
 Proper Opening Protection: Yes No Not Applicable
 Combustible Concealed Spaces: Yes Attic No
 Proper Protection: Yes No Not Applicable

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WATER DAMAGE

Plumbing: Copper Galvanized Plastic Other: _____
Condition: Good Fair Poor Replaced: No Yes 19_____% Evidence of Corrosion: Yes No
Window & Skylight openings adequately sealed: Yes No
Damage exposure from air conditioning equipment: Yes No N/A
Roof covering material adequate: Yes No Date of most recent repairs: 1997 Undetermined
Inside and / or roof storage tank(s) or process equipment: Yes No
If Yes, satisfactorily controlled: Yes No
Use of: Skids Yes No Shelving Yes No
Floor Drains Yes No Covers over stock / equipment Yes No
History of Water Damage: Yes No Undetermined

FLOOD

Distance to nearest body of water: _____ None determined
Evidence of water damage: No Yes
Describe: _____

History of Flooding: Yes No Undetermined

SEWER BACK-UP

Any protection devices in place: No Yes
Describe: Sump pump in basement

History of Sewer Back-up: Yes No Undetermined

NOTE: For Water Damage, Flood and Sewer Back-up sections
Historical Information confirmed by: Stanley Tam
Years Employed: 2

KITCHEN

Interior Finish - Walls: Gypsumboard
- Ceilings: "
- Floors: Ceramic Tile on wood joist
Finish of walls exposed by / adjacent to cooking appliances: None Non-combustible Combustible
Cleanliness: Good Fair Poor _____

Pest Control Program: No Yes GERMEX - monthly service contract

FIRE PROTECTION (Cont'd.)

Private

Fixed Extinguishing Systems: (Cooking Appliances & Exhaust System)

- i) Type of installation: CO₂ Dry Chemical Wet Chemical Other _____
- ii) Emergency manual operation: Yes No
- iii) System approved by: ULC UL CSA
Manufacturer: RANGE GUARD Model #: 6G
- iv) Maintenance contract: Yes No Company: _____ Telephone: (613) 860-3473
Expiry date: May, 1998
Inspection: Annual Semi-annual Certificate: Yes No

Other Protection:

- i) Automatic sprinklers: Yes No At ceiling In hoods In exhaust ducts
- ii) Extinguishers (40-B,C) a) In kitchen areas: Yes No CO₂ Dry Chemical
b) In other areas: Yes No Type: Dry Chemical
- iii) ULC labelled grease extraction system: Yes No
Manufacturer: _____ Model #: _____
- iv) Ventilating equipment appears adequate: Yes No _____

ELECTRONIC DATA PROCESSING

- Mini System PC Network PC Stand Alone None
- Is all equipment in one room: Yes No Connected to central location Yes No
- Age: _____ Approximate Value: \$ _____
- Equipment is: Owned Leased
- Basic Protection satisfactory: Yes No Surge Protection: Yes No
- Data properly backed-up and stored: Yes No
- Separate location: Yes No

EXPOSURES

- Shopping Mall: Yes No Strip Mall: Yes No

	Distance	Height	Construction	Occupancy	Opening in Facing Wall	
					Yes	No
Front	m.	Sto.	Open			
Rear	m.	Sto.	"			
Left	m.	Sto.	"			
Right	14 m.	1 Sto.	Masonry	Repair Garage		<input checked="" type="checkbox"/>

(For shopping malls) Describe partition walls between insured and other tenants: _____

BUSINESS INTERRUPTION

- Insured is: Building Owner Building Owner / Occupant Tenant
- Provision in lease for expediting repair or replacement: Yes No N/A
- Emergency Power Generator: Yes No Automatic Switch-over: Yes No
- Replacement time for equipment: Same day
- Is there a disaster recovery plan in place: Yes No Last reviewed / Up-dated: _____

CRIME EXPOSURE (Cont'd.)

Money & Securities

Money on hand:

Currency: Average: \$ 2,500.00 Maximum: \$ 4,500.00
 Cheques: Average: \$ / Maximum: \$ /
 Lottery/Stamps: Average: \$ / Maximum: \$ /

Are cheques cashed: No Yes; Payroll Government Other _____
Cheques properly endorsed "for deposit": Yes No

Bank deposits: Daily Other ^{Every} 1 - 2 During: Daytime Night-time

Distance travelled: 4 km. ^{days} Hours of deposit vary: Yes No How many staff accompany: 0

Safe: No Yes Make: _____ Model: _____

Dimensions: _____

Labelled by ULC: Yes No Label Details: _____ N/A

Fixed in floor: Yes No Location: _____ Lock: Combination Key Age _____ (approx.)

Alarmed: Yes No Alarm Co.: _____ Details: _____

Time Delayed Opening: Yes No

Target Stock

Type of Stock: Liquor Tobacco Products Other (List): Wine, liquor and beer

Stock stored when restaurant open (describe): Behind the service counter and in locked room in the basement

Describe storage when restaurant closed: Same arrangement as when open

LIABILITY

Are the following satisfactory?

Stairs, ramps, handrails	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Fire exits	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Floor surfaces and coverings	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Fire alarms	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A
Walls and ceilings	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Fire escapes	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A
Interior lighting	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Sidewalks, yards, parking lots	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Exterior lighting	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Snow & ice removal	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Emergency lighting	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Signs and awnings	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A
Interior housekeeping	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Roof attachments	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A
Exterior housekeeping	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	TV dishes	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Washrooms	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Other attachments	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A

Do the following features apply?

Elevating devices (#): _____ Passenger elevators _____ Freight elevators _____ Hoists _____ Escalators _____ Other _____ None

Maintenance contract: Yes No

Other Features and Remarks: _____

REMARKS

This is a well run buffet style chinese restaurant located on the east section of Montreal Road. A delivery service is also provided.

A contractor is used to provide snow removal services.

The contact was very co-operative during the survey and is interested in loss prevention.

RECOMMENDATIONS

98-1 One UIC or equivalent labelled class 40;B,C rated portable fire extinguisher should be provided for the kitchen.

None made at this time.

HOST LIQUOR LIABILITY

Do the following apply?

Sale of food: Yes No
Food / liquor sales ratio: 95% / 5%
Bouncers / doorman: Yes No
Other recreational facilities: Yes No

Sale of alcohol: Yes No
Darts: Yes No

Describe: _____

Entertainment: Yes No
Dance floor: Yes No
Live Bands: Yes No

Other: _____

Sound system & lighting secure: Yes No
Admission charges: Yes No

Describe: _____

Staff training: Yes No Describe: _____
Inhouse Yes No Describe: Standard training procedures
Outside Yes No Describe: _____

Procedures for identification and handling of intoxicated patrons: Decline to serve

Documentation provided: Yes No Describe: _____

Past problems with rowdy or intoxicated patrons: Yes No

Describe: _____

Designated driver programs: Yes No Not provided
Warm food and coffee always available: Yes No Kitchen is always open
Parking facilities provided: Yes No On site parking
Parking charges: Yes No _____
Taxi service available: Yes No Local companies available
Direct taxi phone line: Yes No _____
Pay phone: Yes No In front lobby
Designated smoking areas: Yes No Separate designated area
Permanent Guests or Boarders: Yes No 2nd floor apartment is not rented

PRODUCTS LIABILITY

Food preparation procedures appear adequate to prevent foreign matter contamination: Yes No

Overall Cleanliness / Conditions in Food Preparation / Handling Area

Good Fair Poor _____

Food storage practices adequate: Yes No _____

Cooler refrigeration suitable: Yes No

Dishwashing temperatures above 60°C: Yes No

Insecticides / Pesticides used: Yes No

Contract pest control services: No Yes GERMEX has a monthly contract

Take out services: No Yes Some take out and delivery provided

Catering: No Yes _____

CRIME EXPOSURE

General

Neighbourhood: Residential Commercial Industrial Rural Isolated
 Appears to be: Stable Changing via: Expansion / Growth Renovation Deterioration
 Crime area: Low Moderate High

Physical Protection

DOORS	How Many	CONSTRUCTION						KINDS OF LOCKS						Wired To Alarm System?				
		Wood	Metal	Metal Covered	Glass	Bars on Glass Doors	IF ANY PANEL		Single Cylinder Dead Lock	Double Cylinder Dead Lock	Spring Lock	Panic Bar	Slide Bolt	PADLOCK		Cross Bar	Yes	No
							Plain Glass	Wired Glass						Inside	Outside			
Front	2		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>	
Side	1		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	
	1		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	
Rear	1	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	
Roof	/																	

WINDOWS	How Many	TYPE OF WINDOW		BURGLARY SCREENS			BURGLARY BARS				Condition of Bars and Screens	Wired To Alarm System?		
		Fixed	Movable	Inside	Outside	Properly Secured	Inside	Outside	Spacing	Properly Secured		Yes	No	
Front	/													
Side	1	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	10 cm	Yes	Good	<input checked="" type="checkbox"/>	
Rear	/													
Basement	/													
Transoms	/													
Skylight	/													
Other Openings	/													

Security Alarm

In use: Yes Disconnected None
 Information confirmed by: Insured Alarm company Specify: _____
 Name of installer: Honeywell Date installed: by previous occupant
 Type of response facility:
 ULC Central Station ULC Monitoring Station Unlisted Monitoring Service Local Only
 Name: Honeywell Other: _____
 Alarm System ULC Certificated: No Certificate #: _____ Expiry Date: _____
 If no, is equipment ULC Listed: Yes No
 Additional features: Monitored opening/closing Other: _____
 Are monitored systems also provided with local alarm capabilities: Yes No
 Coverage: Accessible Openings Space Protection Walls, floors, ceilings Safe
 Other: _____
 Devices: Infrared Detector Photoelectric Beam Ultrasonic Detector Microwave Detector
 Magnetic Contacts Conductive Foil Wire Lacing Glass Breakage Detector
 Other: _____
 System line security: None, Digital Dialer Not determined
 Extent of protection: Partial perimeter and space Not determined
 Number of false alarms in past 12 months: 0
 Alarm system under suspension: Yes No Has alarm system been suspended in past 3 years Yes No
 Alarm system is currently serviced by: Honeywell

COOKING APPLIANCES AND EXHAUST INSTALLATION

Appliance Type	Number	Fuel				Automatic shut-off		Stainless Steel Hoods		Protection		
		Electric	Nat. gas	Prop. gas	Charcoal	Yes	No	Yes	No	Fixed System	Automatic Sprinklers	None
Oven												
Grill / Griddle	1		✓			✓		✓		✓		
Deep Fat Fryer	2		✓			✓		✓		✓		
Stove / Range	1		✓			✓		✓		✓		
Char-Broiler Wok	6		✓			✓		✓		✓		
Other												

Exhaust System Cleaning

Element	Weekly	Monthly	Other	Name of Company	Clean at time of inspection	
					Yes	No
Filter(s)	✓			Insured	✓	
Hood	✓			"	✓	
Ducts			Annually	Contractor	✓	

Exhaust Ducts: Discharges directly to outside Passes through combustible materials
 Extends through the roof Protected by a fixed extinguishing system

Year of installation: Older

Comment: _____

REFRIGERATION INSTALLATION

Type: Refrigerators Number: 3
 Freezers Number: 4
 Cold Rooms Number: 2 Dimensions: 1 m. x 2 m.; 1 m. x 2 m.
 Freezer Rooms Number: _____ Dimensions: _____ m. x _____ m.; _____ m. x _____ m.

Refrigeration Equipment appears in good repair: Yes No

FIRE PROTECTION

Public

F.U.S. Protection Class: 3
 Responding Fire Department: Ottawa H.P.A.
 Full Time Volunteer Composite
 Distance to Fire Department: 1.0 km. Roads: Paved Unpaved
 Accessible Year-round: Yes No Difficult access for Fire Dept: Yes No
 No. of Hydrants 2 within 155 m. _____ within 156 - 305 m. _____ over 305 m. None

HEATING

Forced warm air: 100 % Electric Gas Oil Other _____
Suspended unit heaters: _____ % Electric Gas Oil Other _____
Portable heaters: _____ % Electric Gas Oil Other _____
Electric baseboard units: _____ %
Hot water/steam: _____ % Electric Gas Oil Other _____
Boiler: Yes No Age and Make: _____ N/A
Date of last boiler inspection: _____
Other: _____ % Electric Gas Oil Other _____
Appliances enclosed in a non-combustible room: Yes No Not required
Combustible materials stored in the room: Yes No Not applicable
Fuel tanks: None Inside Outside Above ground Below ground
Fill and vent piping: Inside No Yes _____
Chimneys: Masonry ULC Factory built Unlabelled pre-fab Other _____
 Standard Non-standard _____
Installation appears safe: Yes No _____
Installation replaced: No Yes 19_____%
Air Conditioning: Describe 100% Central Air Conditioning

ELECTRICAL

Type: Conduit BX Non-metallic Other _____
Overcurrent protection: Circuit breakers Type P fuses Type D fuses Other _____
Condition: Good Fair Poor _____
Installation appears safe: Yes No _____
Installation replaced: No Yes 1980 _____ 100 %
Partial changes / extensions: No Yes _____

COMMON HAZARDS

	Extent of Exposure				Remark: _____
	None	Slight	Moderate	Severe	
Smoking	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Remark: <u>Designated area</u>
Heating	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Remark: <u>Serviced annually</u>
Electrical Services	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Remark: <u>Securily fastened</u>
Housekeeping	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Remark: <u>Tidy throughout</u>

EXTENDED COVERAGE

	Extent of Exposure				Remark: _____
	None	Slight	Moderate	Severe	
Windstorm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Remark: <u>None apparent</u>
Lightning	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Remark: <u>" "</u>
Building Impact	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Remark: <u>None evident at this time</u>
Other: _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Remark: _____

EARTHQUAKE

Earthquake Zone: 2 Any history in area: No Yes Describe: _____

**EATING & LICENSED Report - 1995 DRAGON
TAVERN RESTAURANT 971 Montreal Road
OTTAWA ON k1k0s6**

Requested by:

Eleanor Goolab

Date Completed: 07/06/2020 07:37:51



OPTA INFORMATION INTELLIGENCE

EATING & LICENSED Report - 1995 DRAGON TAVERN RESTAURANT 971 Montreal Road OTTAWA ON k1k0s6



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Insured: Dragon Tavern Restaurant Insurer: Commerce and Industry Insurance
 Location Surveyed: 971 Montreal Road Policy / Reference #: CPP0117834
Ottawa, Ontario Surveyed By: T. Belanger
Postal Code: K1K 0S6 Date of Survey: 95-12-14
 Person Contacted: Stanley Tam Telephone #: 613-746-7777

TYPE OF BUSINESS

Restaurant Hotel Motel Tavern Bar
 Pub Cafeteria Banquet Hall Other _____
 With: Dining Room Indoor Terrace Outdoor Terrace Liquor License Dance Floor Shows
 Maximum capacity according to permit: 140 N/A
 How long insured at this location: 2 weeks
 How long operating this type of business: 20 years

BUILDING

Year Built: 1950s Additions: None
 Building Renovated: No Yes 19 _____ Stores: 1=2 Height: 3 m + 4.8 m
 Ground Floor Area 420 m². Total Area 952 m². Area occupied by establishment 840 m².
 Basement: Yes No 420 m².
 Building Condition: Good Fair Poor
 Wall Construction: Non-Combustible _____ % Solid Masonry 100 %
 Brick Veneer _____ % Wood Frame _____ %
 Load Bearing: Yes No
 Roof Type: Flat Sloped Peaked Other _____
 Roof Construction: Wood Joist Concrete Steel Deck I II Other _____
 Roof Covering: Tar & Gravel Metal Asphalt Shingles Other _____
 Resurfaced: No Yes 19 Unknown
 Exterior Signs: Construction: Wood Metal Glass Plastic Other _____ N/A
 Location: Mounted on wall Mounted on roof Self-supported Other _____
 Properly Secured: Yes No
 Overall Condition: Good
 Floor Construction: Concrete _____ % Concrete on Metal Pan _____ %
 Wood Joist 100 % Other _____ %
 Vertical Openings: None Stairs Elevator Other _____
 Proper Protection Yes No Not Applicable
 Horizontal Separation: Major Partition Construction: Not Applicable Frame Plasterboard
 Concrete Block Other: _____
 Proper Opening Protection: Yes No Not Applicable
 Combustible Concealed Spaces: Yes No Not Applicable
 Proper Protection: Yes No Not Applicable

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WATER DAMAGE

Plumbing: Copper Galvanized Plastic Other: _____
Condition: Good Fair Poor Replaced: No Yes 19_____% Evidence of Corrosion: Yes No
Window & Skylight openings adequately sealed: Yes No
Damage exposure from air conditioning equipment: Yes No N/A
Roof covering material adequate: Yes No Date of most recent repairs: Unknown Undetermined
Inside and / or roof storage tank(s) or process equipment: Yes No
If Yes, satisfactorily controlled: Yes No
Use of: Skids Yes No Shelving Yes No
Floor Drains Yes No Covers over stock / equipment Yes No
History of Water Damage: Yes No Undetermined

FLOOD

Distance to nearest body of water: _____ None determined
Evidence of water damage: No Yes
Describe: Previous report indicated past water damage problem. There were no signs of damage noted. The contact had no knowledge of the occurrence.

History of Flooding: Yes No Undetermined

SEWER BACK-UP

Any protection devices in place: No Yes
Describe: Sump pump in basement.

History of Sewer Back-up: Yes No Undetermined

NOTE: For Water Damage, Flood and Sewer Back-up sections
Historical Information confirmed by: Stanley Tam
Years Employed: 2 weeks

KITCHEN

Interior Finish - Walls: Drywall
- Ceilings: Drywall
- Floors: Ceramic tile on wood joist
Finish of walls exposed by / adjacent to cooking appliances: None Non-combustible Combustible
Cleanliness: Good Fair Poor _____
Pest Control Program: No Yes Germex Co.

FIRE PROTECTION (Cont'd.)

Private

Fixed Extinguishing Systems: (Cooking Appliances & Exhaust System)

- i) Type of installation: CO₂ Dry Chemical Wet Chemical Other _____
- ii) Emergency manual operation: Yes No
- iii) System approved by: ULC UL CSA
 Manufacturer: Safety First Model #: ARS 30
- iv) Maintenance contract: Yes No Company: Pyron Fire Protection Telephone: 613-739-8931
 Expiry date: _____
 Inspection: Annual Semi-annual Certificate: Yes No

Other Protection:

- i) Automatic sprinklers: Yes No At ceiling In hoods In exhaust ducts
- ii) Extinguishers (40-B,C) a) In kitchen areas: Yes No CO₂ Dry Chemical
 b) In other areas: Yes No Type: 2A10B,C Dry chemical
- iii) ULC labelled grease extraction system: Yes No
 Manufacturer: Unlabelled grease trap in use Model #: _____
- iv) Ventilating equipment appears adequate: Yes No

ELECTRONIC DATA PROCESSING

- Mini System PC Network PC Stand Alone None
- Is all equipment in one room: Yes No Connected to central location: Yes No
- Age: _____ Approximate Value: \$ _____
- Equipment is: Owned Leased
- Basic Protection satisfactory: Yes No Surge Protection: Yes No
- Data properly backed-up and stored: Yes No
 Separate location: Yes No

EXPOSURES

- Shopping Mall: Yes No Strip Mall: Yes No

	Distance		Height		Construction	Occupancy	Opening in Facing Wall	
	m.		Sto.				Yes	No
Front					Open	Street		
Rear					" "	Parking lot		
Left					" "	" "		
Right	14	m.	1	Sto.	Masonry	Repair garage		<input checked="" type="checkbox"/>

(For shopping malls) Describe partition walls between insured and other tenants: N/A

BUSINESS INTERRUPTION

- Insured is: Building Owner Building Owner / Occupant Tenant
- Provision in lease for expediting repair or replacement: Yes No N/A
- Emergency Power Generator: Yes No Automatic Switch-over: Yes No
- Replacement time for equipment: Immediate
- Is there a disaster recovery plan in place: Yes No Last reviewed / Up-dated: N/A

CRIME EXPOSURE (Cont'd.)

Money & Securities

Money on hand:

Currency: Average: \$ 2,500.00 Maximum: \$ 4,500.00
 Cheques: Average: \$ N/A Maximum: \$ N/A
 Lottery/Stamps: Average: \$ N/A Maximum: \$ N/A

Are cheques cashed: No Yes; Payroll Government Other _____
Cheques properly endorsed "for deposit": Yes No

Bank deposits: Daily Other During: Daytime Night-time
Distance travelled: 4 km. Hours of deposit vary: Yes No How many staff accompany: 0
Safe: No Yes Make: _____ Model: _____
Dimensions: _____
Labelled by ULC: Yes No Label Details: _____ N/A
Fixed in floor: Yes No Location: _____ Lock: Combination Key Age _____ (approx.)
Alarmed: Yes No Alarm Co.: _____ Details: _____
Time Delayed Opening: Yes No

Target Stock

Type of Stock: Liquor Tobacco Products Other (List): Wine, liquor, beer
Stock stored when restaurant open (describe): Part bottles on bar shelving. Beer stock kept in the refrigerator. Full liquor kept in basement locked room.
Describe storage when restaurant closed: Same as above.

LIABILITY

Are the following satisfactory?

Stairs, ramps, handrails	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Fire exits	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Floor surfaces and coverings	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Fire alarms	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Walls and ceilings	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Fire escapes	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Interior lighting	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Sidewalks, yards, parking lots	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Exterior lighting	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Snow & ice removal	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Emergency lighting	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Signs and awnings	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Interior housekeeping	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		Roof attachments	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Exterior housekeeping	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	TV dishes	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Washrooms	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Other attachments	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A

Do the following features apply?

Elevating devices (#): _____ Passenger elevators _____ Freight elevators _____ Hoists _____ Escalators _____ Other _____ None

Maintenance contract: Yes No

Other Features and Remarks: _____

REMARKS

This risk is located in the east end of the city on a busy main street. The building has been well maintained and appears to be in good repair.

The insured has recently taken over operation of this restaurant in the past 2 weeks. Operating as a Chinese restaurant a large lunch and dinner buffet is the main menu item offered to customers.

There are two only one is in operation. The older rear kitchen equipment has been disconnected and is used as a storage area.

The basement is used for storage. Part of the basement has poor housekeeping. The contact indicated the poorer area is filled with the previous owner's equipment and is to be removed in the near future.

A previous report of a water leak could not be verified by the insured.

The busy kitchen is worn in some areas but is well organized, cleanliness is average.

A paved parking lot is available at the front, west side, and rear yards. Snow removal is done by a local contractor. On the day of the survey, the west dining room exist door and stairs were snow packed.

The insured was cooperative and friendly.

RECOMMENDATIONS

95-1 Housekeeping in the basement area should be improved. Old unused equipment and furniture should be removed.

95-2 Snow removal procedures should be reviewed with the contractor to ensure snow removal from all exit doors and stairways to assure safe egress from the building in the event of an emergency.

None made at this time.

HOST LIQUOR LIABILITY

Do the following apply?

Sale of food: Yes No
Food / liquor sales ratio: 95 / 5
Bouncers / doorman: Yes No
Other recreational facilities: Yes No

Sale of alcohol: Yes No

Darts: Yes No

Describe: _____

Entertainment: Yes No
Dance floor: Yes No
Other: _____

Live Bands: Yes No

Sound system & lighting secure: Yes No N/A

Admission charges: Yes No

Describe: _____

Staff training: Yes No
Inhouse Yes No Describe: Standard procedures
Outside Yes No Describe: _____

Procedures for identification and handling of intoxicated patrons: Not served

Documentation provided: Yes No Describe: _____

Past problems with rowdy or intoxicated patrons: Yes No

Describe: Restaurant only

Designated driver programs: Yes No Describe: None provided
Warm food and coffee always available: Yes No Describe: Kitchen is always open
Parking facilities provided: Yes No Describe: Pave lot on west side and rear yards
Parking charges: Yes No Describe: N/A
Taxi service available: Yes No Describe: Local companies available
Direct taxi phone line: Yes No Describe: _____
Pay phone: Yes No Describe: Front lobby
Designated smoking areas: Yes No Describe: Separate designated area is provided
Permanent Guests or Boarders: Yes No Describe: 2nd floor apartment is permanently closed off

PRODUCTS LIABILITY

Food preparation procedures appear adequate to prevent foreign matter contamination: Yes No

Overall Cleanliness / Conditions in Food Preparation / Handling Area

Good Fair Poor

Food storage practices adequate: Yes No

Cooler refrigeration suitable: Yes No

Dishwashing temperatures above 60°C: Yes No

Insecticides / Pesticides used: Yes No

Contract pest control services: No Yes Describe: Germex Co. on a montly contract

Take out services: No Yes Describe: Mostly in house service

Catering: No Yes

CRIME EXPOSURE

General

Neighbourhood: Residential Commercial Industrial Rural Isolated
 Appears to be: Stable Changing via: Expansion / Growth Renovation Deterioration
 Crime area: Low Moderate High

Physical Protection

DOORS	How Many	CONSTRUCTION					KINDS OF LOCKS							Wired To Alarm System?				
		Wood	Metal	Metal Covered	Glass	Bars on Glass Doors	IF ANY PANEL Plain Glass	Wired Glass	Single Cylinder Dead Lock	Double Cylinder Dead Lock	Spring Lock	Panic Bar	Slide Bolt	PADLOCK		Cross Bar	Yes	No
Front	2		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>
Side	1		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>
Rear	1	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>
Roof	/																	

WINDOWS	How Many	TYPE OF WINDOW		BURGLARY SCREENS			BURGLARY BARS				Condition of Bars and Screens	Wired To Alarm System?		
		Fixed	Movable	Inside	Outside	Properly Secured	Inside	Outside	Spacing	Properly Secured		Yes	No	
Front	/													
Side	1	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	4"	Yes	OK	<input checked="" type="checkbox"/>	
Rear	/													
Basement	/													
Transoms	/													
Skylight	/													
Other Openings	/													

Security Alarm

In use: Yes Disconnected None
 Information confirmed by: Insured Alarm company Specify: _____
 Name of installer: Honeywell Date installed: Unknown by contact
 Type of response facility:
 ULC Central Station ULC Monitoring Station Unlisted Monitoring Service Local Only
 Name: Honeywell Other: _____
 Alarm System ULC Certificated: No Certificate #: _____ Expiry Date: _____
 If no, is equipment ULC Listed: Yes No
 Additional features: Monitored opening/closing Other: N/A
 Are monitored systems also provided with local alarm capabilities: Yes No
 Coverage: Accessible Openings Space Protection Walls, floors, ceilings Safe
 Other: _____
 Devices: Infrared Detector Photoelectric Beam Ultrasonic Detector Microwave Detector
 Magnetic Contacts Conductive Foil Wire Lacing Glass Breakage Detector
 Other: _____
 System line security: None Not determined
 Extent of protection: Digital dialer Not determined
 Number of false alarms in past 12 months: None
 Alarm system under suspension: Yes No Has alarm system been suspended in past 3 years Yes No
 Alarm system is currently serviced by: Honeywell

COOKING APPLIANCES AND EXHAUST INSTALLATION

Appliance Type	Number	Fuel				Automatic shut-off		Stainless Steel Hoods		Protection		
		Electric	Nat. gas	Prop. gas	Charcoal	Yes	No	Yes	No	Fixed System	Automatic Sprinklers	None
Oven												
Grill / Griddle	1		✓			✓		✓		✓		
Deep Fat Fryer	2		✓			✓		✓		✓		
Stove / Range	1		✓			✓		✓		✓		
Char Broiler Wok	6		✓			✓		✓		✓		
Other												

Exhaust System Cleaning

Element	Weekly	Monthly	Other	Name of Company	Clean at time of inspection	
					Yes	No
Filter(s)	✓			Insured	✓	
Hood	✓			Insured	✓	
Ducts			6 months	Local Contractor	✓	

Exhaust Ducts: Discharges directly to outside Passes through combustible materials
 Extends through the roof Protected by a fixed extinguishing system

Year of installation: Unknown by contact

Comment: Insured indicated a strict policy of maintenance has now been installed since taking oven in the past two weeks. Previous owner did not maintain a maintenance program.

REFRIGERATION INSTALLATION

Type: Refrigerators Number: 3
 Freezers Number: 4
 Cold Rooms Number: 2 Dimensions: 1 m. x 2 m.; 1 m. x 2 m.
 Freezer Rooms Number: 0 Dimensions: _____ m. x _____ m.; _____ m. x _____ m.
 Refrigeration Equipment appears in good repair: Yes No Equipment is old but appears to be in good working order.

FIRE PROTECTION

Public

F.U.S. Protection Class: 3
 Responding Fire Department: Ottawa
 Full Time Volunteer Composite
 Distance to Fire Department: 1 km. Roads: Paved Unpaved
 Accessible Year-round: Yes No Difficult access for Fire Dept: Yes No
 No. of Hydrants 2 within 155 m. _____ within 156 - 305 m. _____ over 305 m. None

HEATING

Forced warm air: 100 % Electric Gas Oil Other _____
 Suspended unit heaters: _____ % Electric Gas Oil Other _____
 Portable heaters: _____ % Electric Gas Oil Other _____
 Electric baseboard units: _____ % _____
 Hot water/steam: _____ % Electric Gas Oil Other _____
 Boiler: Yes No Age and Make: _____ N/A
 Date of last boiler inspection: _____
 Other: _____ % Electric Gas Oil Other _____
 Appliances enclosed in a non-combustible room: Yes No Not required
 Combustible materials stored in the room: Yes No Not applicable
 Fuel tanks: None Inside Outside Above ground Below ground
 Fill and vent piping: Inside No Yes _____
 Chimneys: Masonry ULC Factory built Unlabelled pre-fab Other _____
 Standard Non-standard _____
 Installation appears safe: Yes No _____
 Installation replaced: No Yes 19_____%
 Air Conditioning: Describe 100% central air

ELECTRICAL

Type: Conduit BX Non-metallic Other _____
 Overcurrent protection: Circuit breakers Type P fuses Type D fuses Other _____
 Condition: Good Fair Poor _____
 Installation appears safe: Yes No _____
 Installation replaced: No Yes 19_____%
 Partial changes / extensions: No Yes _____

COMMON HAZARDS

	Extent of Exposure				Remark:
	None	Slight	Moderate	Severe	
Smoking	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Designated area</u>
Heating	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Appears to be in good working order</u>
Electrical Services	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Appears to be safe</u>
Housekeeping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>Average-Poor in basement</u>

EXTENDED COVERAGE

	Extent of Exposure				Remark:
	None	Slight	Moderate	Severe	
Windstorm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>None apparent</u>
Lightning	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>None apparent</u>
Building Impact	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Cement curling in parking lot.</u>
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Remark: _____

EARTHQUAKE

Earthquake Zone: 0 Any history in area: No Yes Describe: _____

**COMMERCIAL PROPERTY FIRE RATING FORM
Report - 1982 971 Montreal Road OTTAWA ON
K1K0S6**

Requested by:
Eleanor Goolab

Date Completed: 07/06/2020 07:37:51



OPTA INFORMATION INTELLIGENCE

COMMERCIAL PROPERTY FIRE RATING FORM Report - 1982 971 Montreal Road OTTAWA ON K1K0S6



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COMMERCIAL PROPERTY FIRE RATING FORM

CODING

IND.	TERR.	CONS.	PROT.
58	63	6	2

LOCATION OTTAWA NAME SLON LIMITED FILE NO. _____

ADDRESS 971 MONTECAL ROAD Insp'd. by _____ Date _____

Rated by C. FROST Date FEB 2 1982

BASIC CONSTRUCTION: (SECTION II)

WALLS (ITEMS 210-215)

Construction Class 6 Bldg. Comb. Class M3

WALL AREA	MASONRY		FIRE RES.		NON-COMB	COMB	DETAIL OF WALL CONSTRUCTION	% OF WALL PERIM	POINTS	CHARGES
	Wall Type	Wall Thick.	Dam. Type	Fire Res.						
	W-1		D	HR	X		HEB	4% X	-	-
	W		D	HR		X	ROUGH CONCR	38% X 300	-	123
	W		D	HR		X	Metal CURD	17% X 300	-	51
	W		D	HR				% X	-	-
	W		D	HR				% X	-	-

Columns in (or adjacent to) non-bearing masonry walls: Unprot. metal Comb.
 Panels in masonry or fire resistive walls: Comb. Non-comb. Glass Slow burning
 Special Conditions (Describe).....

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	CHARGES
		Dam. Type	Fire Res.						
Grade		D	HR		X	WOOD SLIST	43% X 300	-	129
2nd		D	HR		X	" "	14% X 300	-	42
		D	HR				% X	-	-
		D	HR				% X	-	-
Roof		D	HR		X	" "	43% X 300	-	129

Total Basic Construction Charges: 492
 Schedule Base 150
 Building Base 642

Building Base x 1.0 Comb. Modifier (ITEM 230) x .001 = BASIC BUILDING RATE: 642 (carried fwd. overleaf)

SECONDARY CONSTRUCTION: (SECTION III)

Height: (ITEM 300) Nbr. Storeys <u>201</u> Bas. Max. Comb. Stories (Without ground level access) <u>1</u>	% CHARGE								
Vertical Openings: (ITEM 310)									
<table border="1"> <tr> <th>Type</th> <th>Encl.</th> <th>Doors</th> <th>St. Chas.</th> </tr> <tr> <td>27</td> <td>2000</td> <td></td> <td></td> </tr> </table>	Type	Encl.	Doors	St. Chas.	27	2000			20
Type	Encl.	Doors	St. Chas.						
27	2000								
Area: (ITEM 320) _____ x _____ x _____									
Grade Floor: Arc. <u>205 m²</u> Total Area <u>402.5 m²</u> Effective Area <u>402.5 m²</u>									
Roof Surface: (ITEM 330) Approved <input checked="" type="checkbox"/> 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 <input type="checkbox"/> Average <input checked="" type="checkbox"/> Poor <input type="checkbox"/>									
Total Secondary Construction Charges: <u>30</u>									

(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				Foreign Air Duct							
2ND, 3RD	127	20%	521	RESTAURANT	125					54	580
				DAY CHEMICAL SYSTEM		30		161			
2ND, 3RD	617	100%	524	Full Commercial Kitchen						52	581
TOTAL					125						

Building IND. CODE 581

Major Occupancy Charge (largest occupant; by area occupied) 161 %
 20% of _____ (next 10 highest additional Total Occupancy Charges) - %
 Common Hazards applicable to the Building 10 %
 Net Occupancy Charge 171 %
 L1, L2 Area _____ %
 Net Occupancy Charge x _____ Occ'y Mod. Factor (ITEM 418) = _____ %
 ** Secondary Construction Charge (brought forward from overleaf) + 30 %

EXPOSURE (SECTION VIII) Non Chargeable

Facing Wall of Exposure				Facing Wall of Risk		Exposure Distance
Masonry Semi-Finish	Masonry Unfin.	Non-Comb.	Comb.	Comb. Cl.	Unprot.	

Exposure Charge + _____ %
 Party Wall Exposure Charge (ITEM 831) + _____ %
 Communication Charge (ITEM 832) + 100 %

(brought forward from overleaf) BASIC BUILDING RATE .642 x 301 % = UNPROTECTED BLDG. RATE 1.93

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 Hail: Stdr. Non Stdr. km. Congested Area: Yes No
 Unprotected Bldg. Rate x 44 Protection Class Factor = PROTECTED BLDG. RATE .850

BUILDING ADJUSTMENT FACTOR: (SECTION X)
 Protected Bldg. Rate x 109 Building Adjustment Factor = GROSS BLDG. RATE .926

INTERNAL PROTECTION: (SECTION XI)
 Extinguishers Stdr. _____% 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 _____ Less _____% = _____ Less _____% = _____ Less _____% = FINAL BLDG. RATE .926

581 Add .02 for VHA CONTENTS RATES (SECTION XII)

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
581	54	RESTAURANT	125	X 126	X 109	135	1.926	1.48	X	1.48
581	52	EDUCATIONAL	125	X	X 109	136	.926	1.06	X	1.06
		RATE BASED ON EXISTING		X	X				X	
		FILE IN EXISTING		X	X				X	
		REMARK: DEC 18 CHANGING		X	X				X	

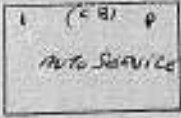
Ref: 1/2



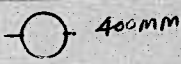
Siteplan Report - 1988 971 Montreal Road OTTAWA ON K1K0S6



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971



MONTREAL ROAD

971 MONTREAL ROAD
OTTAWA

Sheet: 268 Block: 268 Scale: 1 = 600

INSURERS' ADVISORY ORGANIZATION
ONTARIO

Date: 19 July 88 Field Rep.: F.K.H.

APPENDIX D

CHAIN OF TITLE

Phase I Environmental Site Assessment

971 Montreal Road

Ottawa, Ontario

Developpements Proximi-T

MM2320

PROPERTY DESCRIPTION: PT LT 22, CON 1OF , AS IN N369479 ; S/T NS238400 OTTAWA/GLOUCESTER

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK 4GL

PIN CREATION DATE:
1997/03/17

OWNERS' NAMES
LIAO, YING LING

CAPACITY SHARE
ROWN

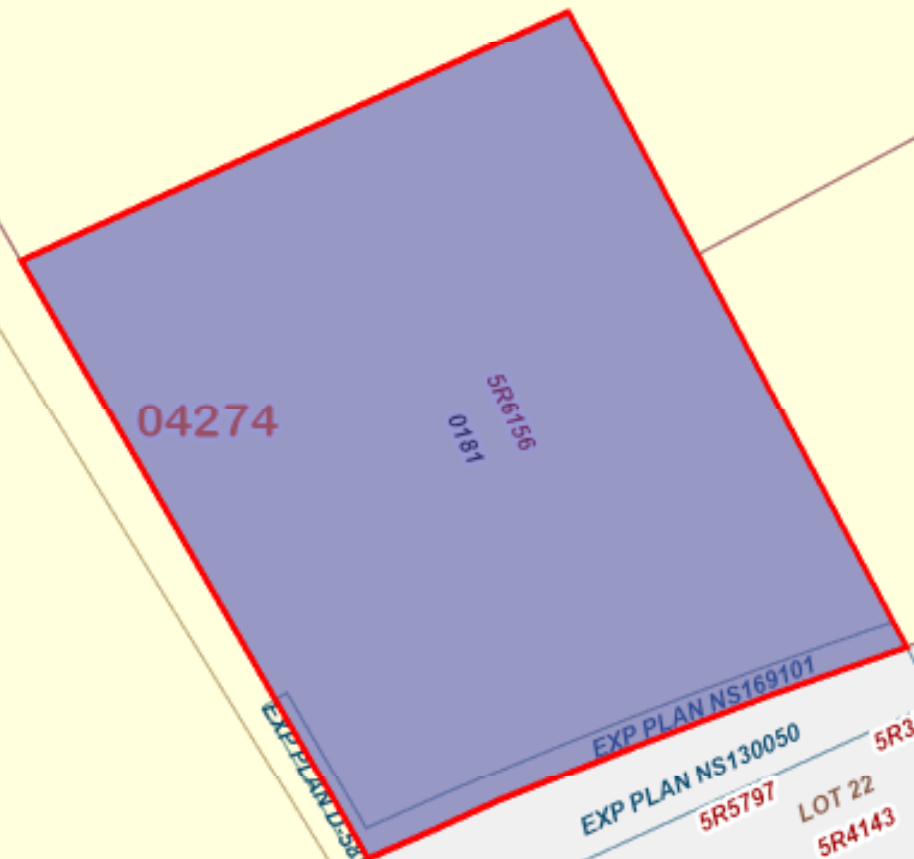
REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
<p>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/03/17 ON THIS PIN**</p> <p>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1997/03/17**</p> <p>** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) **</p> <p>**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:</p> <p>** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES * AND ESCHEATS OR FORFEITURE TO THE CROWN.</p> <p>** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY CONVENTION.</p> <p>** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</p> <p>**DATE OF CONVERSION TO LAND TITLES: 1997/03/17 **</p>						
5R6156	1981/11/27	PLAN REFERENCE				C
NS169101	1982/11/16	PLAN EXPROPRIATION				C
NS238400	1984/05/04	TRANSFER EASEMENT			THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C
N534902	1990/05/18	NOTICE				C
OC598202	2006/06/01	TRANSFER	\$2	TAM, MOON CHUN	LIAO, YING LING	C
OC598203	2006/06/01	TRANSFER	\$350,000	LEE, KING FAI	LIAO, YING LING	C



CONCESSION 1 OF

0180

5R7213
0183
5R3440



5R12562
0182

0179
4R3678

EXP PLAN D-56

EXP PLAN NS130050

5R3546
5R4761

5R7048
0186
5R5797
LOT 22
5R4143

CONCESSION 1 OF

5R3030
5R7767
5R1993

REG PLAN M-122
0184
0185

0257
0259
04269
4R3347
0256

PLAN D-56



PRINTED ON 29 JUN, 2020 AT 14:03:02
FOR EEGOOLAB

SCALE



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



APPENDIX E

CITY DIRECTORY SEARCH

Phase I Environmental Site Assessment

971 Montreal Road

Ottawa, Ontario

Developpements Proximi-T

MM2320

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



CITY
DIRECTORY

Project Property: *971 Montreal Road, Ottawa, Ontario*
Report Type: *City Directory*
Order No: *20200626198*
Information Source: *Vernon's Ottawa, Ontario City Directory*
Date Completed: *30/06/2020*

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

City Directory Information Source
Vernon's Ottawa, Ontario City Directory

PROJECT NUMBER: 20200626198	
Site Address:	Ottawa, Ontario
Year: 2011	
Site Listing:	-No Civic Listing
Adjacent Properties:	
949 Montreal Road	-Res Apartments -Rothwell Hairstylist -Massage Therapy Group
973 Montreal Road	-Subway
989 Montreal Road	-Address Not Listed

PROJECT NUMBER: 20200626198	
Site Address:	Ottawa, Ontario
Year: 2005/06	

Site Listing:	-No Civic Listing
Adjacent Properties:	
949 Montreal Road	-Res Apartments -Rothwell Heights Mens Hair Salon -Massage Therapy Group
973 Montreal Road	-Subway -National Motors
989 Montreal Road	-Address Not Listed

PROJECT NUMBER: 20200626198	
Site Address:	Ottawa, Ontario
Year: 1999/2000	
Site Listing:	-No Civic Listing
Adjacent Properties:	
949 Montreal Road	-Address Not Listed
973 Montreal Road	-Subway

989 Montreal Road	-Address Not Listed

PROJECT NUMBER: 20200626198	
Site Address:	Ottawa, Ontario
Year: 1995/96	
Site Listing:	-No Civic Listing
Adjacent Properties:	
949 Montreal Road	-Address Not Listed
973 Montreal Road	-Address Not Listed
989 Montreal Road	-Address Not Listed

PROJECT NUMBER: 20200626198	
Site Address:	Ottawa, Ontario
Year: 1990	
Site Listing:	-No Civic Listing

Adjacent Properties:	
949 Montreal Road	-Address Not Listed
973 Montreal Road	-Shawn Motors
989 Montreal Road	-Address Not Listed

PROJECT NUMBER: 20200626198	
Site Address:	Ottawa, Ontario
Year: 1984	
Site Listing:	-No Civic Listing
Adjacent Properties:	
949 Montreal Road	-Address Not Listed
973 Montreal Road	-Baron Petroleum Inc -Dagg Will Supply & Services
989 Montreal Road	-Address Not Listed

PROJECT NUMBER: 20200626198	
------------------------------------	--

Site Address:	Ottawa, Ontario
Year: 1979	
Site Listing:	-No Civic Listing
Adjacent Properties:	
949 Montreal Road	-Address Not Listed
973 Montreal Road	-Baron Petroleum Inc 973a-Norman Wagorn Garage
989 Montreal Road	-Address Not Listed

PROJECT NUMBER: 20200626198	
Site Address:	Ottawa, Ontario
Year: 1974	
Site Listing:	-No Civic Listing
Adjacent Properties:	
949 Montreal Road	-Address Not Listed

973 Montreal Road	-Baron Petroleum Inc garage
989 Montreal Road	-Address Not Listed

PROJECT NUMBER: 20200626198	
Site Address:	Ottawa, Ontario
Year: 1969	
Site Listing:	-No Civic Listing
Adjacent Properties:	
949 Montreal Road	-Address Not Listed
973 Montreal Road	-Ray's Sunoco Service Station
989 Montreal Road	-Address Not Listed

PROJECT NUMBER: 20200626198	
Site Address:	Ottawa, Ontario
Year: 1965	

Site Listing:	-No Civic Listing
Adjacent Properties:	
949 Montreal Road	-Address Not Listed
973 Montreal Road	-John's Sunoco Service Station
989 Montreal Road	-Address Not Listed

PROJECT NUMBER: 20200626198	
Site Address:	Ottawa, Ontario
Year: 1960	
Site Listing:	-No Civic Listing
Adjacent Properties:	
949 Montreal Road	-Address Not Listed
973 Montreal Road	-Address Not Listed
989 Montreal Road	-Address Not Listed

PROJECT NUMBER: 20200626198	
Site Address:	Ottawa, Ontario
Year: 1955	
Site Listing:	-No Civic Listing
Adjacent Properties:	
949 Montreal Road	-Address Not Listed
973 Montreal Road	-Address Not Listed
989 Montreal Road	-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.

APPENDIX F

FREEDOM OF INFORMATION REQUEST

Phase I Environmental Site Assessment

971 Montreal Road

Ottawa, Ontario

Developpements Proximi-T

MM2320

Freedom of Information and
Protection of Privacy Office
40 St. Clair Avenue West, 12th Floor
Toronto ON M4V 1M2
Telephone 416 314-4075

Instructions

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Our fax number is 416 314-4285.

For Ministry Use Only

FOI Request Number	Date Request Received (yyyy/mm/dd)
Fee Paid	<input type="checkbox"/> Cheque <input type="checkbox"/> VISA/MC <input type="checkbox"/> Cash/Money Order
<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SCB <input type="checkbox"/> SDW	

1. Requester Data

Last Name Crossman	First Name Alden	Middle Initial	
Title Project Manager	Company Name CM3 Environmental Inc.		
Mailing Address			
Unit Number	Street Number 5710	Street Name Akins Road	PO Box
City/Town Ottawa	Province ON	Postal Code K2S 1B8	
Email Address alden@cm3environmental.com	Telephone Number 613 915-0627	Fax Number ext.	
Project/Reference Number MM2320	Signature of Requester 		

2. Request Parameters

Municipal Address (Municipal address mandatory for cities, towns or regions)			
Unit Number	Street Number 971	Street Name Montreal Road	PO Box
Lot Number	Concession	Geographic Township Ottawa	
City/Town/Village Ottawa	Province ON	Postal Code K1K 0S6	

Present Property

1. Owner Ying Ling Liao	Date of Ownership (yyyy/mm/dd) 2004/01/01
Tenant (if applicable)	

Previous Property

1. Owner	Date of Ownership (yyyy/mm/dd)
Tenant (if applicable)	

3. Search Parameters

Search Parameters	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	All
Orders	All
Spills	All
Investigations/prosecutions ▶ Owner and tenant information must be provided	All
Waste Generator number/classes	

Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.

4. Environmental Compliance Approvals/Certificates of Approval

Environmental Compliance Approvals/Certificates of Approval	SD	Specify Year(s) Requested
air - emissions	<input type="checkbox"/>	
renewable energy	<input type="checkbox"/>	
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	<input type="checkbox"/>	
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	<input type="checkbox"/>	
waste water - industrial discharge	<input type="checkbox"/>	
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites	<input type="checkbox"/>	All
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	<input type="checkbox"/>	

Proponent information must be provided and Environmental Compliance Approval/Certificate of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of \$300.00 may be incurred, depending on the types and years to be searched. Specify Approval number(s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.

APPENDIX G

ERIS REPORT

Phase I Environmental Site Assessment

971 Montreal Road

Ottawa, Ontario

Developpements Proximi-T

MM2320



DATABASE REPORT

Project Property: *971 Montreal Road
971 Montreal Road
Ottawa ON K1K 0S6*

Project No: *MM2320*

Report Type: *RSC Report (Urban)*

Order No: *20200626198*

Requested by: *CM3 Environmental Inc.*

Date Completed: *June 30, 2020*

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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Executive Summary

Property Information:

Project Property: 971 Montreal Road
971 Montreal Road Ottawa ON K1K 0S6

Project No: MM2320

Order Information:

Order No: 20200626198
Date Requested: June 26, 2020
Requested by: CM3 Environmental Inc.
Report Type: RSC Report (Urban)

Historical/Products:

Aerial Photographs Aerials - National Collection
City Directory Search CD - Subject Site plus 5 Adjacent Properties
ERIS Xplorer [ERIS Xplorer](#)
Insurance Products Fire Insurance Maps/Inspection Reports/Site Plans
Land Title Search Current Land Title Search
Physical Setting Report (PSR) PSR
Topographic Map RSC Maps
Topographic Map National Topographic Maps

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</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	3	3
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	5	5
CA	<i>Certificates of Approval</i>	Y	0	3	3
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<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
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	7	7
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	12	12
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	20	20
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	23	23
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	1	1
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	3	3
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	2	2
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	1	1
RST	Retail Fuel Storage Tanks	Y	0	2	2
SCT	Scott's Manufacturing Directory	Y	0	4	4
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	15	15
Total:			0	103	103

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>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		ON <i>Well ID:</i> 1508907	W/28.0	-0.66	31
2	RSC		949 Montreal Rd. Ottawa ON K1K 0S6	WSW/45.5	0.95	33
2	EHS		949 Montreal Rd Ottawa ON K1K 0S6	WSW/45.5	0.95	33
3	WWIS		lot 21 con 1 ON <i>Well ID:</i> 1511856	E/55.2	-0.78	34
4	BORE		ON	NE/65.3	-2.11	35
5	WWIS		ON <i>Well ID:</i> 1508537	NE/65.7	-2.11	36
5	WWIS		ON <i>Well ID:</i> 1508538	NE/65.7	-2.11	38
6	GEN	COHEN AND COHEN	989 MONTREAL RD OTTAWA ON K1K 0S6	ENE/73.7	-1.36	41
7	GEN	Realstar Property Management	981 Gulf Place Gloucester ON K1K 3X9	ESE/71.7	2.03	41
8	EHS		40 Provender Ave Ottawa ON K1K4N4	NW/98.2	-3.00	41
9	SPL		30 Provender Ave Ottawa ON	NE/99.7	-2.66	41
10	BORE		ON	W/119.5	-0.78	42

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
11	WWIS		ON <i>Well ID:</i> 1508535	WSW/126.9	7.76	43
12	CA	R.M. OF OTTAWA-CARLETON	BURMA RD. MONTREAL RD. OTTAWA CITY ON	E/121.4	-1.00	46
13	BORE		ON	WSW/127.2	7.76	46
14	ECA	City of Ottawa	Bathgate Rd Ottawa ON K1P 1J1	E/127.8	-1.80	47
14	ECA	City of Ottawa	Bathgate Rd Ottawa ON K1P 1J1	E/127.8	-1.80	47
15	WWIS		Ottawa ON <i>Well ID:</i> 7209110	WSW/131.9	4.63	48
16	GEN	Candor Plumbing & Heating Ltd	981 Gulf Place Ottawa ON	ESE/121.1	-0.05	50
17	WWIS		ON <i>Well ID:</i> 1508200	SSW/128.3	4.95	50
18	EHS		981 Gulf Place Ottawa ON	SE/125.8	1.67	52
19	SCT	PRINTING & PROMOTIONS OF CAN	928 MONTREAL RD OTTAWA ON K1K 0S8	SW/134.5	6.28	52
19	SCT	PRINTING & PROMOTIONS CANADA	928 Montreal Rd Ottawa ON K1K 0S8	SW/134.5	6.28	53
19	SCT	Printing and Promotions of Canada Inc.	928 Montreal Rd Ottawa ON K1K 0S8	SW/134.5	6.28	53
19	SCT	Printing & Promotions Cda. Inc	928 Montreal Rd Ottawa ON K1K 0S8	SW/134.5	6.28	53

<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>
20	PRT	MR GAS LIMITED ATTN LILIANNE LEVAC	916 MONTREAL RD OTTAWA ON K1K 0S8	SW/138.2	7.76	54
20	RST	MR GAS LTD	916 MONTREAL RD OTTAWA ON K1K 0S8	SW/138.2	7.76	54
20	RST	DRUMONDS GAS BAR	916 MONTREAL RD OTTAWA ON K1K 0S8	SW/138.2	7.76	54
20	EXP	MR GAS LIMITED **	916 MONTREAL RD OTTAWA ON	SW/138.2	7.76	54
20	EXP	MR GAS LIMITED **	916 MONTREAL RD OTTAWA ON	SW/138.2	7.76	54
20	EXP	MR GAS LIMITED **	916 MONTREAL RD OTTAWA ON K1K 0S8	SW/138.2	7.76	55
20	EXP	MR GAS LIMITED **	916 MONTREAL RD OTTAWA ON	SW/138.2	7.76	55
20	EXP	MR GAS LIMITED **	916 MONTREAL RD OTTAWA ON	SW/138.2	7.76	55
20	EXP	MR GAS LIMITED **	916 MONTREAL RD OTTAWA ON K1K 0S8	SW/138.2	7.76	55
20	EXP	MR GAS LIMITED **	916 MONTREAL RD OTTAWA ON K1K 0S8	SW/138.2	7.76	56
21	GEN	NICK AYOUB	920 MONTREAL ROAD OTTAWA ON K1K 0S8	SW/150.0	12.95	56
21	GEN	NICK AYOUB	920 MONTREAL ROAD OTTAWA ON K1K 0S8	SW/150.0	12.95	56
22	AMIS	SOUTH ROCKCLIFFE	GLOUCESTER ON	NW/151.2	-2.05	56

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
23	WWIS		ON Well ID: 1507807	W/152.3	2.00	57
24	PINC		620 Hochelaga Street, Ottawa ON	SW/159.4	9.13	59
25	CA	CITY OF OTTAWA NON-PROFIT HSG. CORP.	BURMA RD/PROVENDER RD/MONTREAL OTTAWA CITY ON	NE/160.8	-4.05	60
25	CA	CITY OF OTTAWA NON-PROFIT HSG. CORP.	PROVENDER RD/BURMA RD/ROTHBURY OTTAWA CITY ON	NE/160.8	-4.05	60
26	EHS		641 Bathgate Drive Ottawa ON K1K 3Y3	ESE/170.6	-0.36	61
27	MNR		ON	WNW/174.1	-1.36	61
28	WWIS		ON Well ID: 1508539	W/189.3	3.92	62
29	EHS		ottawa Ottawa ON	ENE/194.4	-2.36	64
30	WWIS		ON Well ID: 1507808	WNW/185.3	1.96	64
31	WWIS		ON Well ID: 1508199	S/195.7	4.95	66
32	MNR	GRANDMAITRE	ON	SW/194.5	16.54	68
33	AMIS	GRANDMAITRE,D LTD QU	GLOUCESTER ON	SW/194.8	16.54	69

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
34	HINC		184 PROVENDER AVENUE OTTAWA ON K1K 4N7	WNW/198.5	-1.36	70
35	MNR		ON	ENE/206.2	-4.05	70
36	EHS		895 Montreal Road Ottawa ON	WSW/214.0	4.95	71
37	EHS		900 Montreal Road Ottawa ON K1K 0S8	WSW/213.4	6.50	71
38	EHS		895 Montreal Road Ottawa ON K1K 4B9	WSW/216.0	5.22	71
39	EHS		641 Bathgate Drive Ottawa ON	ESE/213.3	-1.26	72
40	EHS		641 Bathgate Dr Ottawa ON K1K3Y3	ESE/215.7	-0.98	72
41	GEN	City off Ottawa	900 Montreal Road Ottawa ON K1K 0S8	WSW/225.5	10.06	72
41	GEN	City off Ottawa	900 Montreal Road Ottawa ON K1K 0S8	WSW/225.5	10.06	72
41	GEN	City off Ottawa	900 Montreal Road Ottawa ON K1K 0S8	WSW/225.5	10.06	73
41	GEN	City off Ottawa	900 Montreal Road Ottawa ON K1K 0S8	WSW/225.5	10.06	73
41	GEN	City off Ottawa	900 Montreal Road Ottawa ON K1K 0S8	WSW/225.5	10.06	73
41	GEN	City off Ottawa	900 Montreal Road Ottawa ON	WSW/225.5	10.06	73

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
41	GEN	City off Ottawa	900 Montreal Road Ottawa ON K1K0S8	WSW/225.5	10.06	74
41	GEN	City off Ottawa	900 Montreal Road Ottawa ON K1K0S8	WSW/225.5	10.06	74
41	GEN	City off Ottawa	900 Montreal Road Ottawa ON K1K0S8	WSW/225.5	10.06	74
41	GEN	City off Ottawa PBG	900 Montreal Road Ottawa ON K1K0S8	WSW/225.5	10.06	75
41	GEN	City off Ottawa PBG	900 Montreal Road Ottawa ON K1K0S8	WSW/225.5	10.06	75
42	AMIS	ROTHWELL	GLOUCESTER ON	ENE/238.8	-4.02	75
43	GEN	Co Operation d'habitation desloges	10-100 desloges pvt. Ottawa ON K1K 4P3	SW/234.0	12.18	76
43	GEN	Co-operative d'habitation desloges	10 Desloges Private Ottawa ON K1K 4P3	SW/234.0	12.18	76
43	GEN	Cooperative D'Habitation Desloges Inc	10 Desloges Private Ottawa ON K1K 4P3	SW/234.0	12.18	76
43	GEN	Cooperative D'Habitation Desloges Inc	10 Desloges Private Ottawa ON K1K 4P3	SW/234.0	12.18	77
44	ECA	Claridge Homes (Carson) Inc.	Plan 4R- 15544,CON 1 ON OTTAWA RIVER Ottawa ON K2P 0Y6	WSW/250.0	4.95	77
44	ECA	City of Ottawa	Bathgate Road, Montreal Road, and Den Haag Drive Ottawa ON K1P 1J1	WSW/250.0	4.95	77
44	ECA	Claridge Homes (Carson) Inc.	Plan 4R- 15544,CON 1 ON OTTAWA RIVER Ottawa ON K2P 0Y6	WSW/250.0	4.95	77

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
44	ECA	Claridge Homes (Rockcliffe Mews) Inc.	Lots 23 & 24, Conc. 1, Registered Plan 4R-10389 Ottawa ON K2P 0Y6	WSW/250.0	4.95	78
44	ECA	Claridge Homes (Rockcliffe Mews) Inc.	Lots 23 & 24, Conc. 1, Registered Plan 4R-10389 Ottawa ON K2P 0Y6	WSW/250.0	4.95	78
45	BORE		ON	S/248.4	2.81	78
46	WWIS		ON Well ID: 7127695	WSW/251.5	4.95	79
47	EHS		Montreal Road Ottawa ON	NNE/265.7	-7.78	82
48	GEN	JP Pharmacy Inc	876 montreal road ottawa ON K1K 4L3	WSW/280.6	3.59	82
48	GEN	JP Pharmacy Inc	876 montreal road ottawa ON K1K 4L3	WSW/280.6	3.59	83
48	GEN	JP Pharmacy Inc	876 montreal road ottawa ON K1K 4L3	WSW/280.6	3.59	83
49	PRT	HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	WSW/286.2	4.48	83
49	WWIS		OTTAWA ON Well ID: 1535224	WSW/286.2	4.48	83
49	EXP	HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	WSW/286.2	4.48	85
49	EXP	HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	WSW/286.2	4.48	85

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
49	EXP	HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	WSW/286.2	4.48	85
49	EXP	HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	WSW/286.2	4.48	86
49	EXP	HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	WSW/286.2	4.48	86
49	EXP	HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON	WSW/286.2	4.48	86
49	EXP	HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON	WSW/286.2	4.48	86
49	EXP	HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON	WSW/286.2	4.48	87
49	EXP	HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON	WSW/286.2	4.48	87
49	EXP	HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	WSW/286.2	4.48	87
49	EXP	HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	WSW/286.2	4.48	87
49	EXP	HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	WSW/286.2	4.48	88
49	EXP	HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	WSW/286.2	4.48	88
49	EHS		875 Montreal Road Ottawa ON K1K 0T6	WSW/286.2	4.48	88
50	WWIS		ON Well ID: 1508005	WSW/287.6	2.55	88

<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>
51	WWIS		OTTAWA ON <i>Well ID:</i> 1535855	WSW/290.1	4.97	90
52	BORE		ON	ESE/295.6	-1.36	93

Executive Summary: Summary By Data Source

AMIS - Abandoned Mine Information System

A search of the AMIS database, dated 1800-Oct 2018 has found that there are 3 AMIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SOUTH ROCKCLIFFE	GLOUCESTER ON	151.2	<u>22</u>
GRANDMAITRE,D LTD QU	GLOUCESTER ON	194.8	<u>33</u>
ROTHWELL	GLOUCESTER ON	238.8	<u>42</u>

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 5 BORE site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	65.3	<u>4</u>
	ON	119.5	<u>10</u>
	ON	127.2	<u>13</u>
	ON	248.4	<u>45</u>
	ON	295.6	<u>52</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 3 CA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
R.M. OF OTTAWA-CARLETON	BURMA RD. MONTREAL RD. OTTAWA CITY ON	121.4	12
CITY OF OTTAWA NON-PROFIT HSG. CORP.	PROVENDER RD/BURMA RD/ROTHBURY OTTAWA CITY ON	160.8	25
CITY OF OTTAWA NON-PROFIT HSG. CORP.	BURMA RD/PROVENDER RD/MONTREAL OTTAWA CITY ON	160.8	25

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-May 31, 2020 has found that there are 7 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	Bathgate Rd Ottawa ON K1P 1J1	127.8	14
City of Ottawa	Bathgate Rd Ottawa ON K1P 1J1	127.8	14
Claridge Homes (Rockcliffe Mews) Inc.	Lots 23 & 24, Conc. 1, Registered Plan 4R- 10389 Ottawa ON K2P 0Y6	250.0	44
Claridge Homes (Carson) Inc.	Plan 4R- 15544,CON 1 ON OTTAWA RIVER Ottawa ON K2P 0Y6	250.0	44
City of Ottawa	Bathgate Road, Montreal Road, and Den Haag Drive Ottawa ON K1P 1J1	250.0	44

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Claridge Homes (Carson) Inc.	Plan 4R- 15544,CON 1 ON OTTAWA RIVER Ottawa ON K2P 0Y6	250.0	44
Claridge Homes (Rockcliffe Mews) Inc.	Lots 23 & 24, Conc. 1, Registered Plan 4R- 10389 Ottawa ON K2P 0Y6	250.0	44

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Apr 30, 2020 has found that there are 12 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	949 Montreal Rd Ottawa ON K1K 0S6	45.5	2
	40 Provender Ave Ottawa ON K1K4N4	98.2	8
	981 Gulf Place Ottawa ON	125.8	18
	641 Bathgate Drive Ottawa ON K1K 3Y3	170.6	26
	ottawa Ottawa ON	194.4	29
	895 Montreal Road Ottawa ON	214.0	36
	900 Montreal Road Ottawa ON K1K 0S8	213.4	37

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	895 Montreal Road Ottawa ON K1K 4B9	216.0	38
	641 Bathgate Drive Ottawa ON	213.3	39
	641 Bathgate Dr Ottawa ON K1K3Y3	215.7	40
	Montreal Road Ottawa ON	265.7	47
	875 Montreal Road Ottawa ON K1K 0T6	286.2	49

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 20 EXP site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MR GAS LIMITED **	916 MONTREAL RD OTTAWA ON K1K 0S8	138.2	20
MR GAS LIMITED **	916 MONTREAL RD OTTAWA ON K1K 0S8	138.2	20
MR GAS LIMITED **	916 MONTREAL RD OTTAWA ON	138.2	20
MR GAS LIMITED **	916 MONTREAL RD OTTAWA ON	138.2	20
MR GAS LIMITED **	916 MONTREAL RD OTTAWA ON K1K 0S8	138.2	20

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MR GAS LIMITED **	916 MONTREAL RD OTTAWA ON	138.2	<u>20</u>
MR GAS LIMITED **	916 MONTREAL RD OTTAWA ON	138.2	<u>20</u>
HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	286.2	<u>49</u>
HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	286.2	<u>49</u>
HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	286.2	<u>49</u>
HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	286.2	<u>49</u>
HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON	286.2	<u>49</u>
HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON	286.2	<u>49</u>
HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON	286.2	<u>49</u>
HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON	286.2	<u>49</u>
HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON	286.2	<u>49</u>
HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	286.2	<u>49</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	286.2	<u>49</u>
HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	286.2	<u>49</u>
HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	286.2	<u>49</u>
HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	286.2	<u>49</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2020 has found that there are 23 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
COHEN AND COHEN	989 MONTREAL RD OTTAWA ON K1K 0S6	73.7	<u>6</u>
Realstar Property Management	981 Gulf Place Gloucester ON K1K 3X9	71.7	<u>7</u>
Candor Plumbing & Heating Ltd	981 Gulf Place Ottawa ON	121.1	<u>16</u>
NICK AYOUB	920 MONTREAL ROAD OTTAWA ON K1K 0S8	150.0	<u>21</u>
NICK AYOUB	920 MONTREAL ROAD OTTAWA ON K1K 0S8	150.0	<u>21</u>
City off Ottawa	900 Montreal Road Ottawa ON K1K 0S8	225.5	<u>41</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
City off Ottawa	900 Montreal Road Ottawa ON K1K 0S8	225.5	<u>41</u>
City off Ottawa	900 Montreal Road Ottawa ON K1K 0S8	225.5	<u>41</u>
City off Ottawa	900 Montreal Road Ottawa ON K1K 0S8	225.5	<u>41</u>
City off Ottawa	900 Montreal Road Ottawa ON K1K 0S8	225.5	<u>41</u>
City off Ottawa	900 Montreal Road Ottawa ON	225.5	<u>41</u>
City off Ottawa	900 Montreal Road Ottawa ON K1K0S8	225.5	<u>41</u>
City off Ottawa	900 Montreal Road Ottawa ON K1K0S8	225.5	<u>41</u>
City off Ottawa	900 Montreal Road Ottawa ON K1K0S8	225.5	<u>41</u>
City off Ottawa PBG	900 Montreal Road Ottawa ON K1K0S8	225.5	<u>41</u>
City off Ottawa PBG	900 Montreal Road Ottawa ON K1K0S8	225.5	<u>41</u>
Co Operation d'habitation desloges	10-100 desloges pvt. Ottawa ON K1K 4P3	234.0	<u>43</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Co-operative d'habitation desloges	10 Desloges Private Ottawa ON K1K 4P3	234.0	43
Cooperative D'Habitation Desloges Inc	10 Desloges Private Ottawa ON K1K 4P3	234.0	43
Cooperative D'Habitation Desloges Inc	10 Desloges Private Ottawa ON K1K 4P3	234.0	43
JP Pharmacy Inc	876 montreal road ottawa ON K1K 4L3	280.6	48
JP Pharmacy Inc	876 montreal road ottawa ON K1K 4L3	280.6	48
JP Pharmacy Inc	876 montreal road ottawa ON K1K 4L3	280.6	48

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	184 PROVENDER AVENUE OTTAWA ON K1K 4N7	198.5	34

MNR - Mineral Occurrences

A search of the MNR database, dated 1846-Jan 2020 has found that there are 3 MNR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	174.1	27

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
GRANDMAITRE	ON	194.5	32
	ON	206.2	35

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 1 PINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	620 Hochelaga Street, Ottawa ON	159.4	24

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 2 PRT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MR GAS LIMITED ATTN LILIANNE LEVAC	916 MONTREAL RD OTTAWA ON K1K 0S8	138.2	20
HALLEYS SERVICE CENTRE LTD	875 MONTREAL RD OTTAWA ON K1K 0S7	286.2	49

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-May 2020 has found that there are 1 RSC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	949 Montreal Rd. Ottawa ON K1K 0S6	45.5	2

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-Jan 31, 2020 has found that there are 2 RST site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
DRUMONDS GAS BAR	916 MONTREAL RD OTTAWA ON K1K 0S8	138.2	<u>20</u>
MR GAS LTD	916 MONTREAL RD OTTAWA ON K1K 0S8	138.2	<u>20</u>

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 4 SCT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PRINTING & PROMOTIONS CANADA	928 Montreal Rd Ottawa ON K1K 0S8	134.5	<u>19</u>
PRINTING & PROMOTIONS OF CAN	928 MONTREAL RD OTTAWA ON K1K 0S8	134.5	<u>19</u>
Printing & Promotions Cda. Inc	928 Montreal Rd Ottawa ON K1K 0S8	134.5	<u>19</u>
Printing and Promotions of Canada Inc.	928 Montreal Rd Ottawa ON K1K 0S8	134.5	<u>19</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Nov 2019 has found that there are 1 SPL site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	30 Provender Ave Ottawa ON	99.7	<u>9</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 15 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON <i>Well ID:</i> 1508907	28.0	<u>1</u>
	lot 21 con 1 ON <i>Well ID:</i> 1511856	55.2	<u>3</u>
	ON <i>Well ID:</i> 1508538	65.7	<u>5</u>
	ON <i>Well ID:</i> 1508537	65.7	<u>5</u>
	ON <i>Well ID:</i> 1508535	126.9	<u>11</u>
	Ottawa ON <i>Well ID:</i> 7209110	131.9	<u>15</u>
	ON <i>Well ID:</i> 1508200	128.3	<u>17</u>
	ON <i>Well ID:</i> 1507807	152.3	<u>23</u>
	ON <i>Well ID:</i> 1508539	189.3	<u>28</u>
	ON <i>Well ID:</i> 1507808	185.3	<u>30</u>
	ON	195.7	<u>31</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 1508199		
	ON	251.5	<u>46</u>
	<i>Well ID:</i> 7127695		
	OTTAWA ON	286.2	<u>49</u>
	<i>Well ID:</i> 1535224		
	ON	287.6	<u>50</u>
	<i>Well ID:</i> 1508005		
	OTTAWA ON	290.1	<u>51</u>
	<i>Well ID:</i> 1535855		



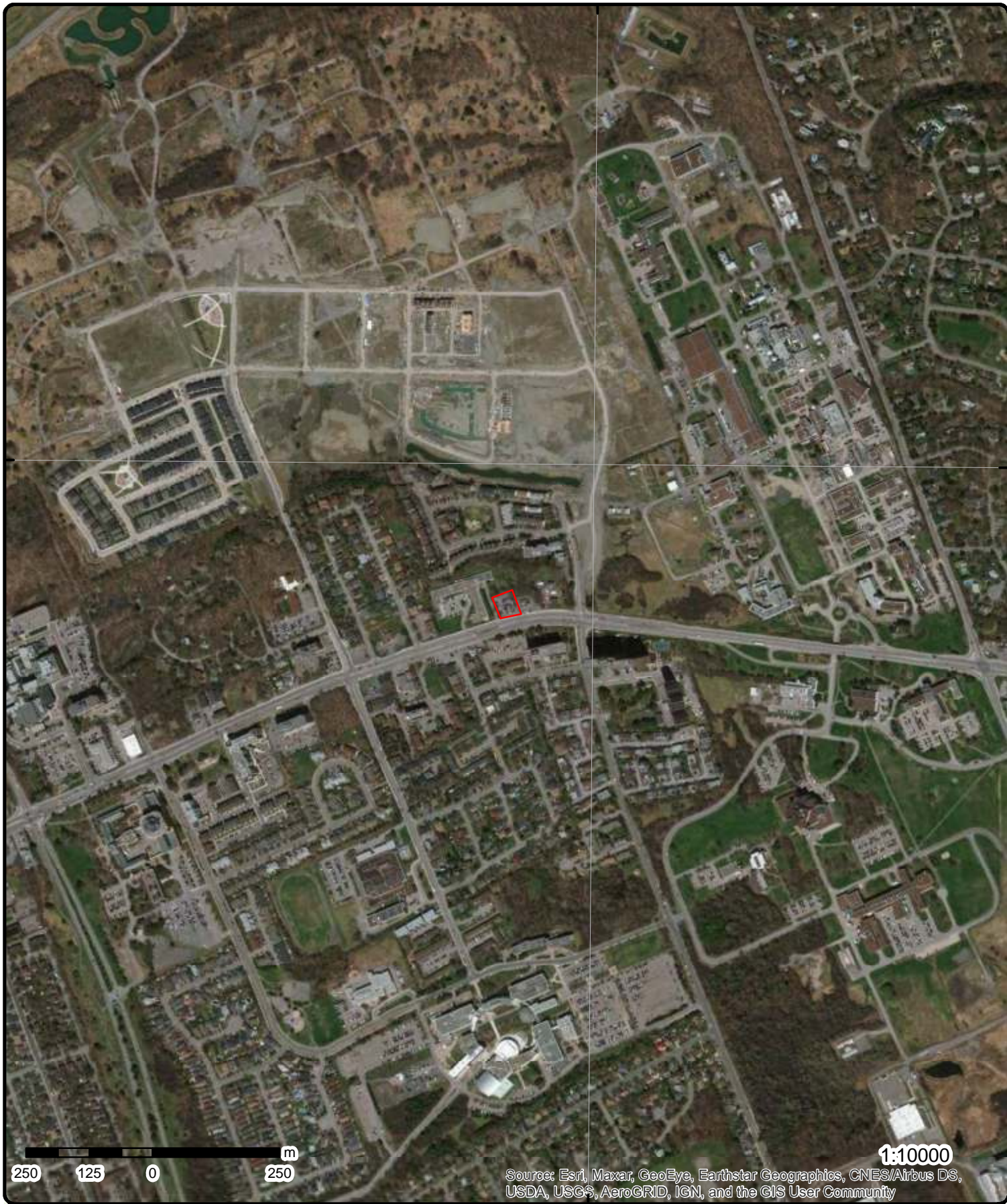
Map : 0.3 Kilometer Radius

Order Number: 20200626198

Address: 971 Montreal 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: 2019

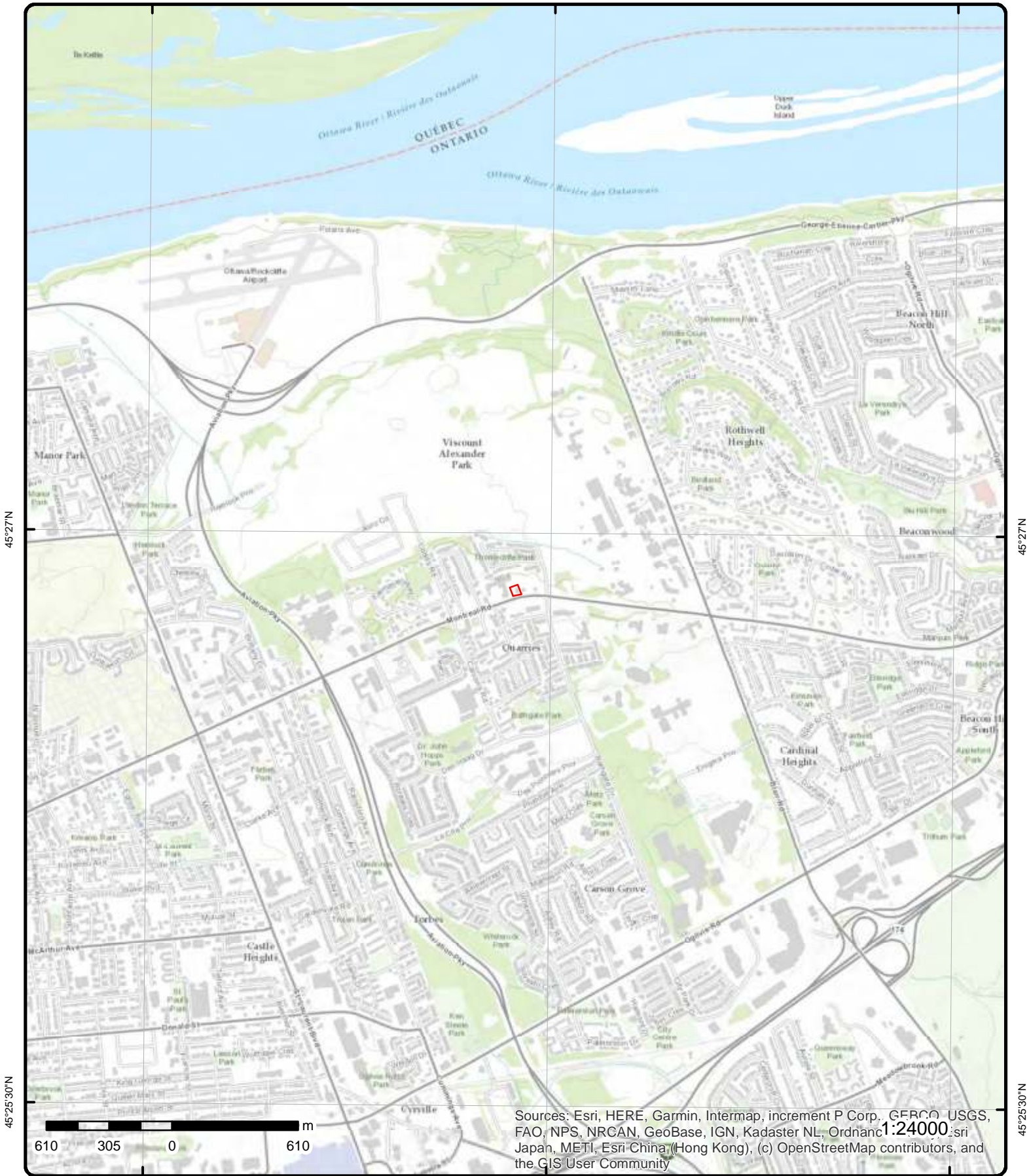
Address: 971 Montreal Road, Ottawa, ON

Source: ESRI World Imagery

Order Number: 20200626198



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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

Topographic Map

Address: 971 Montreal Road, ON

Source: ESRI World Topographic Map

Order Number: 20200626198



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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<u>1</u>	1 of 1	W/28.0	101.3 / -0.66	ON	WWIS
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<p>Well ID: 1508907</p> <p>Construction Date:</p> <p>Primary Water Use: Not Used</p> <p>Sec. Water Use: 0</p> <p>Final Well Status: Abandoned-Supply</p> <p>Water Type:</p> <p>Casing Material:</p> <p>Audit No:</p> <p>Tag:</p> <p>Construction Method:</p> <p>Elevation (m):</p> <p>Elevation Reliability:</p> <p>Depth to Bedrock:</p> <p>Well Depth:</p> <p>Overburden/Bedrock:</p> <p>Pump Rate:</p> <p>Static Water Level:</p> <p>Flowing (Y/N):</p> <p>Flow Rate:</p> <p>Clear/Cloudy:</p>	<p>Data Entry Status:</p> <p>Data Src: 1</p> <p>Date Received: 12/16/1957</p> <p>Selected Flag: Yes</p> <p>Abandonment Rec:</p> <p>Contractor: 3718</p> <p>Form Version: 1</p> <p>Owner:</p> <p>Street Name:</p> <p>County: OTTAWA-CARLETON</p> <p>Municipality: OTTAWA CITY</p> <p>Site Info:</p> <p>Lot:</p> <p>Concession:</p> <p>Concession Name:</p> <p>Easting NAD83:</p> <p>Northing NAD83:</p> <p>Zone:</p> <p>UTM Reliability:</p>
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Bore Hole Information

<p>Bore Hole ID: 10030941</p> <p>DP2BR: 0</p> <p>Spatial Status:</p> <p>Code OB: r</p> <p>Code OB Desc: Bedrock</p> <p>Open Hole:</p> <p>Cluster Kind:</p> <p>Date Completed: 8/10/1957</p> <p>Remarks:</p> <p>Elevrc Desc:</p> <p>Location Source Date:</p> <p>Improvement Location Source:</p> <p>Improvement Location Method:</p> <p>Source Revision Comment:</p> <p>Supplier Comment:</p>	<p>Elevation: 104.118888</p> <p>Elevrc:</p> <p>Zone: 18</p> <p>East83: 450900.7</p> <p>North83: 5032863</p> <p>Org CS:</p> <p>UTMRC: 5</p> <p>UTMRC Desc: margin of error : 100 m - 300 m</p> <p>Location Method: p5</p>
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Overburden and Bedrock

Materials Interval

Formation ID: 931010920

Layer: 1

Color: 1

General Color: WHITE

Mat1: 21

Most Common Material: GRANITE

Mat2:

Other Materials:

Mat3:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931010921			
Layer:		2			
Color:		1			
General Color:		WHITE			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		20			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933108783			
Layer:		1			
Plug From:		0			
Plug To:					
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579511			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930054513			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508907			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Pump Set At:
Static Level: 10
Final Level After Pumping: 10
Recommended Pump Depth:
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933463610
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40
Water Found Depth UOM: ft

2	1 of 2	WSW/45.5	102.9 / 0.95	949 Montreal Rd. Ottawa ON K1K 0S6	RSC
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RSC ID: RA No: RSC Type: Curr Property Use: Ministry District: Ottawa Filing Date: 04/26/01 Date Ack: 05/11/01 Date Returned: Restoration Type: Generic Soil Type: Coarse Criteria: Ind/Comm + Nonpotable CPU Issued Sect 1686: Asmt Roll No: Prop ID No (PIN): Property Municipal Address: Mailing Address: Latitude & Longitude: UTM Coordinates: Consultant: John D. Paterson and Assoc. Ltd 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): Entire Leg Prop. (Y/N): Accuracy Estimate: Telephone: Fax: Email:
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2	2 of 2	WSW/45.5	102.9 / 0.95	949 Montreal Rd Ottawa ON K1K 0S6	EHS
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Order No: 20130426025 Status: C Report Type: Custom Report Report Date: 03-MAY-13 Date Received: 26-APR-13 Previous Site Name: Lot/Building Size:	Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: 0 Y: 0
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Additional Info Ordered:

3	1 of 1	E/55.2	101.2 / -0.78	lot 21 con 1 ON	WWIS
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Well ID:	1511856	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Not Used	Date Received:	9/11/1973
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	0001
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021
Well Depth:		Concession:	01
Overburden/Bedrock:		Concession Name:	OF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10033850	Elevation:	103.828201
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	451030.7
Code OB Desc:	Overburden	North83:	5032873
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	8/1/1959	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931018889
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	110
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10582420			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930060126			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		110			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991511856			
Pump Set At:					
Static Level:		28			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933467138			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		110			
Water Found Depth UOM:		ft			
4	1 of 1	NE/65.3	99.8 / -2.11	ON	BORE
Borehole ID:	615242			Inclin FLG:	No
OGF ID:	215516184			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Use:				Primary Name:	
Completion Date:	DEC-1956			Municipality:	
Static Water Level:	-81.0			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.448108
Total Depth m:	83.8			Longitude DD:	-75.626346
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	451021
Drill Method:				Northing:	5032922
Orig Ground Elev m:	0			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	101				
Concession:					
Location D:					
Survey D:					
Comments:					
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA2.txt RecordID: 07750 NTS_Sheet:				
Confiden 1:					
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
5	1 of 2	NE/65.7	99.8 / -2.11	ON	WWIS
Well ID:	1508537			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Commerical			Date Received:	3/16/1956
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4216
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
Bore Hole Information					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10030571			Elevation:	101.656074
DP2BR:	0			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	451020.7
Code OB Desc:	Bedrock			North83:	5032923
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	12/16/1955			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:	931009923
Layer:	1
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	23
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009924
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	23
Formation End Depth:	110
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10579141
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Casing No: 1
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 930053785
 Layer: 2
 Material: 4
 Open Hole or Material: OPEN HOLE
 Depth From:
 Depth To: 110
 Casing Diameter: 6
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053784
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To: 24
 Casing Diameter: 6
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508537
 Pump Set At:
 Static Level: 37
 Final Level After Pumping: 45
 Recommended Pump Depth:
 Pumping Rate: 6
 Flowing Rate:
 Recommended Pump Rate:
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 1
 Pumping Duration HR: 1
 Pumping Duration MIN: 0
 Flowing: N

Water Details

Water ID: 933463072
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 100
 Water Found Depth UOM: ft

5 2 of 2 NE/65.7 99.8 / -2.11 ON WWIS

Well ID: 1508538 Data Entry Status:
 Construction Date: Data Src: 1
 Primary Water Use: Commerical Date Received: 1/22/1957

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

Bore Hole Information

Bore Hole ID:	10030572	Elevation:	101.656074
DP2BR:	110	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	h	East83:	451020.7
Code OB Desc:	Mixed in a Layer	North83:	5032923
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	12/24/1956	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:	931009926
Layer:	2
Color:	
General Color:	
Mat1:	23
Most Common Material:	PREVIOUSLY DUG
Mat2:	15
Other Materials:	LIMESTONE
Mat3:	
Other Materials:	
Formation Top Depth:	110
Formation End Depth:	234
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009925
Layer:	1
Color:	
General Color:	
Mat1:	24
Most Common Material:	PREV. DRILLED
Mat2:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		110			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579142			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053786			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		23			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930053787			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		234			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508538			
Pump Set At:					
Static Level:		34			
Final Level After Pumping:		40			
Recommended Pump Depth:					
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN: Flowing:		0 N			
<u>6</u>	1 of 1	ENE/73.7	100.6 / -1.36	COHEN AND COHEN 989 MONTREAL RD OTTAWA ON K1K 0S6	GEN
Generator No:	ON3825241			PO Box No:	
Status:				Country:	
Approval Years:	05,06			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	562910				
SIC Description:	Remediation Services				
<u>Detail(s)</u>					
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
<u>7</u>	1 of 1	ESE/71.7	104.0 / 2.03	Realstar Property Management 981 Gulf Place Gloucester ON K1K 3X9	GEN
Generator No:	ON2658868			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Oct 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
<u>8</u>	1 of 1	NW/98.2	98.9 / -3.00	40 Provender Ave Ottawa ON K1K4N4	EHS
Order No:	20150731087			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	10-AUG-15			Search Radius (km):	.25
Date Received:	31-JUL-15			X:	-75.627831
Previous Site Name:				Y:	45.448489
Lot/Building Size:					
Additional Info Ordered:					
<u>9</u>	1 of 1	NE/99.7	99.3 / -2.66	30 Provender Ave Ottawa ON	SPL
Ref No:	6075-BHEQN7			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	10/29/2019			Health/Env Conseq:	2 - Minor Environment
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Communal
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	21			Nearest Watercourse:	
Contaminant Name:	SULPHURIC ACID			Site Address:	30 Provender Ave

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Gsc Material Description:					
Stratum Description:		BEDROCK. WHITE. SOUND. BEDROCK. GREY,SOUND,STRATIFIED. 00000037ROCK. BEDROCK. WATER			
**Note: Many records provided by the department have a truncated [Stratum Description] field.					
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA2.txt RecordID: 077470 NTS_Sheet: 31G05G				
Confiden 1:	Reliable information but incomplete.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
11	1 of 1	WSW/126.9	109.7 / 7.76	ON	WWIS
Well ID:	1508535			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	4/1/1952
Sec. Water Use:	0			Selected Flag:	Yes
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-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
Bore Hole Information					
Bore Hole ID:	10030569			Elevation:	103.337593
DP2BR:	4			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	450835.7
Code OB Desc:	Bedrock			North83:	5032763
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	12/12/1951			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>		931009917			
<i>Layer:</i>		1			
<i>Color:</i>					
<i>General Color:</i>					
<i>Mat1:</i>		02			
<i>Most Common Material:</i>		TOPSOIL			
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		0			
<i>Formation End Depth:</i>		4			
<i>Formation End Depth UOM:</i>		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>		931009918			
<i>Layer:</i>		2			
<i>Color:</i>		1			
<i>General Color:</i>		WHITE			
<i>Mat1:</i>		15			
<i>Most Common Material:</i>		LIMESTONE			
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		4			
<i>Formation End Depth:</i>		60			
<i>Formation End Depth UOM:</i>		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>		931009919			
<i>Layer:</i>		3			
<i>Color:</i>		8			
<i>General Color:</i>		BLACK			
<i>Mat1:</i>		15			
<i>Most Common Material:</i>		LIMESTONE			
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		60			
<i>Formation End Depth:</i>		65			
<i>Formation End Depth UOM:</i>		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>		1			
<i>Method Construction:</i>		Cable Tool			
<i>Other Method Construction:</i>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10579139			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053780			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		21			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930053781			
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			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508535			
Pump Set At:					
Static Level:		22			
Final Level After Pumping:		30			
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933463070			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	1 of 1	E/121.4	100.9 / -1.00	R.M. OF OTTAWA-CARLETON BURMA RD. MONTREAL RD. OTTAWA CITY ON	CA

Certificate #: 7-1452-86-
Application Year: 86
Issue Date: 11/27/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

13	1 of 1	WSW/127.2	109.7 / 7.76	ON	BORE
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Borehole ID:	615218	Inclin FLG:	No
OGF ID:	215516160	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:	DEC-1951	Municipality:	
Static Water Level:	19.4	Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.446655
Total Depth m:	19.8	Longitude DD:	-75.628695
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	450836
Drill Method:		Northing:	5032762
Orig Ground Elev m:	100	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	103		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218400850	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	1.2	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Soil	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	SOIL.		
Geology Stratum ID:	218400851	Mat Consistency:	
Top Depth:	1.2	Material Moisture:	
Bottom Depth:	18.3	Material Texture:	
Material Color:	White	Non Geo Mat Type:	
Material 1:	Limestone	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	

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

Stratum Description: LIMESTONE. WHITE.

Geology Stratum ID: 218400852

Top Depth: 18.3

Bottom Depth: 19.8

Material Color: Black

Material 1: Limestone

Material 2:

Material 3:

Material 4:

Gsc Material Description:

Stratum Description: LIMESTONE. BLACK. 00060 BEDROCK. 10DROCK. BEDROCK. BEDROCK. WATER STABLE AT 266.4 F

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

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: OTTAWA2.txt RecordID: 07726 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

[14](#) 1 of 2 E/127.8 100.1 / -1.80 City of Ottawa Bathgate Rd Ottawa ON K1P 1J1 ECA

Approval No: 0095-52BK9Y
Approval Date: 2001-09-07
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Address: Bathgate Rd
Full Address:
Full PDF Link:

MOE District: Ottawa
City:
Longitude: -75.6252
Latitude: 45.4476
Geometry X:
Geometry Y:

[14](#) 2 of 2 E/127.8 100.1 / -1.80 City of Ottawa Bathgate Rd Ottawa ON K1P 1J1 ECA

Approval No: 9193-52BMHL
Approval Date: 2001-10-11
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-Municipal and Private Water Works

MOE District: Ottawa
City:
Longitude: -75.6252
Latitude: 45.4476
Geometry X:
Geometry Y:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Type:		Municipal and Private Water Works			
Address:		Bathgate Rd			
Full Address:					
Full PDF Link:					

15	1 of 1	WSW/131.9	106.6 / 4.63	Ottawa ON	WWIS
Well ID:	7209110			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	10/3/2013
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7238
Casing Material:				Form Version:	7
Audit No:	Z167367			Owner:	
Tag:	A145199			Street Name:	577 FOXVIEW DR.
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1004596470	Elevation:	103.694961
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	450821
Code OB Desc:		North83:	5032782
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	9/16/2013	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004642087
Layer:	1
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	0
Formation End Depth:	5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004642088			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		17			
Other Materials:		SHALE			
Mat3:		26			
Other Materials:		ROCK			
Formation Top Depth:		5			
Formation End Depth:		11			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004642095			
Layer:		1			
Plug From:		0			
Plug To:		6			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		F			
Method Construction Code:		H.S.A.			
Method Construction:		DIAMOND			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004642086			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004642091			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		6			
Depth To:		11			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1004642092			
Layer:		1			
Slot:		10			
Screen Top Depth:		6			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen End Depth:		11			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
<u>Hole Diameter</u>					
Hole ID:		1004642089			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
16	1 of 1	ESE/121.1	101.9 / -0.05	Candor Plumbing & Heating Ltd 981 Gulf Place Ottawa ON	GEN
Generator No:		ON5156550		PO Box No:	
Status:				Country:	
Approval Years:		2011		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		238220			
SIC Description:					
17	1 of 1	SSW/128.3	106.9 / 4.95	ON	WWIS
Well ID:		1508200		Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:		Domestic		Date Received:	1/23/1952
Sec. Water Use:		0		Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	1107
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:		10030235		Elevation:	101.905151
DP2BR:		2		Elevrc:	
Spatial Status:				Zone:	18
Code OB:		r		East83:	450915.7
Code OB Desc:		Bedrock		North83:	5032703
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:		4/18/1951		UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock
Materials Interval

Formation ID: 931009043
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 05
Other Materials: CLAY
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931009044
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 2
Formation End Depth: 120
Formation End Depth UOM: ft

Method of Construction & Well
Use

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

Pipe Information

Pipe ID: 10578805
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053130
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To: 120					
Casing Diameter: 4					
Casing Diameter UOM: inch					
Casing Depth UOM: ft					
<u>Construction Record - Casing</u>					
Casing ID: 930053129					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From:					
Depth To: 20					
Casing Diameter: 4					
Casing Diameter UOM: inch					
Casing Depth UOM: ft					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 991508200					
Pump Set At:					
Static Level: 21					
Final Level After Pumping: 30					
Recommended Pump Depth:					
Pumping Rate: 8					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM: ft					
Rate UOM: GPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 1					
Pumping Duration HR: 1					
Pumping Duration MIN: 0					
Flowing: N					
<u>Water Details</u>					
Water ID: 933462609					
Layer: 1					
Kind Code: 5					
Kind: Not stated					
Water Found Depth: 120					
Water Found Depth UOM: ft					
18	1 of 1	SE/125.8	103.6 / 1.67	981 Gulf Place Ottawa ON	EHS
Order No: 20110318011		Nearest Intersection:			
Status: C		Municipality:			
Report Type: Custom Report		Client Prov/State: ON			
Report Date: 3/24/2011		Search Radius (km): 0.25			
Date Received: 3/18/2011 11:07:46 AM		X: -75.625851			
Previous Site Name:		Y: 45.446418			
Lot/Building Size:					
Additional Info Ordered:					
19	1 of 4	SW/134.5	108.2 / 6.28	PRINTING & PROMOTIONS OF CAN 928 MONTREAL RD OTTAWA ON K1K 0S8	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Established:</i>		1984			
<i>Plant Size (ft²):</i>		1200			
<i>Employment:</i>		4			
--Details--					
<i>Description:</i>		PERIODICALS: PUBLISHING, OR PUBLISHING AND PRINTING			
<i>SIC/NAICS Code:</i>		2721			
<i>Description:</i>		BOOK PRINTING			
<i>SIC/NAICS Code:</i>		2732			
<i>Description:</i>		COMMERCIAL PRINTING, NOT ELSEWHERE CLASSIFIED			
<i>SIC/NAICS Code:</i>		2759			
19	2 of 4	SW/134.5	108.2 / 6.28	PRINTING & PROMOTIONS CANADA 928 Montreal Rd Ottawa ON K1K 0S8	SCT
<i>Established:</i>		1984			
<i>Plant Size (ft²):</i>		1200			
<i>Employment:</i>		4			
--Details--					
<i>Description:</i>		Other Printing			
<i>SIC/NAICS Code:</i>		323119			
<i>Description:</i>		Periodical Publishers			
<i>SIC/NAICS Code:</i>		511120			
19	3 of 4	SW/134.5	108.2 / 6.28	Printing and Promotions of Canada Inc. 928 Montreal Rd Ottawa ON K1K 0S8	SCT
<i>Established:</i>		1984			
<i>Plant Size (ft²):</i>		1200			
<i>Employment:</i>		4			
19	4 of 4	SW/134.5	108.2 / 6.28	Printing & Promotions Cda. Inc 928 Montreal Rd Ottawa ON K1K 0S8	SCT
<i>Established:</i>		1984			
<i>Plant Size (ft²):</i>		1200			
<i>Employment:</i>		4			
--Details--					
<i>Description:</i>		Other Printing			
<i>SIC/NAICS Code:</i>		323119			
<i>Description:</i>		Sign Manufacturing			
<i>SIC/NAICS Code:</i>		339950			
<i>Description:</i>		All Other Wholesaler-Distributors			
<i>SIC/NAICS Code:</i>		418990			
<i>Description:</i>		Periodical Publishers			
<i>SIC/NAICS Code:</i>		511120			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	1 of 10	SW/138.2	109.7 / 7.76	MR GAS LIMITED ATTN LILIANNE LEVAC 916 MONTREAL RD OTTAWA ON K1K 0S8	PRT
Location ID:		11022			
Type:		retail			
Expiry Date:		1995-06-30			
Capacity (L):		60000			
Licence #:		0010002005			
20	2 of 10	SW/138.2	109.7 / 7.76	MR GAS LTD 916 MONTREAL RD OTTAWA ON K1K 0S8	RST
Headcode:		1186800			
Headcode Desc:		Service Stations-Gasoline, Oil & Natural Gas			
Phone:		6137499728			
List Name:					
Description:					
20	3 of 10	SW/138.2	109.7 / 7.76	DRUMONDS GAS BAR 916 MONTREAL RD OTTAWA ON K1K 0S8	RST
Headcode:		01186800			
Headcode Desc:		SERVICE STATIONS-GASOLINE, OIL & NATURAL GAS			
Phone:		6137499728			
List Name:					
Description:					
20	4 of 10	SW/138.2	109.7 / 7.76	MR GAS LIMITED ** 916 MONTREAL RD OTTAWA ON	EXP
Instance No:		9453901			
Instance ID:		383673			
Instance Type:		FS Facility			
Description:		FS Gasoline Station - Full Serve			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
20	5 of 10	SW/138.2	109.7 / 7.76	MR GAS LIMITED ** 916 MONTREAL RD OTTAWA ON	EXP
Instance No:		10904922			
Instance ID:		51341			
Instance Type:		FS Liquid Fuel Tank			
Description:		FS Liquid Fuel Tank			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	6 of 10	SW/138.2	109.7 / 7.76	MR GAS LIMITED ** 916 MONTREAL RD OTTAWA ON K1K 0S8	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10904939 FS Liquid Fuel Tank EXPIRED 6/2/2001			
20	7 of 10	SW/138.2	109.7 / 7.76	MR GAS LIMITED ** 916 MONTREAL RD OTTAWA ON	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10904946 50783 FS Piping FS Piping EXPIRED 			
20	8 of 10	SW/138.2	109.7 / 7.76	MR GAS LIMITED ** 916 MONTREAL RD OTTAWA ON	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10904931 50953 FS Piping FS Piping EXPIRED 			
20	9 of 10	SW/138.2	109.7 / 7.76	MR GAS LIMITED ** 916 MONTREAL RD OTTAWA ON K1K 0S8	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10904939 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 6/2/2001			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	10 of 10	SW/138.2	109.7 / 7.76	MR GAS LIMITED ** 916 MONTREAL RD OTTAWA ON K1K 0S8	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10904922 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 6/2/2001			
21	1 of 2	SW/150.0	114.9 / 12.95	NICK AYOUB 920 MONTREAL ROAD OTTAWA ON K1K 0S8	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON2823499 2009 447190 Other Gasoline Stations			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:
Detail(s)					
Waste Class: Waste Class Desc:		221 LIGHT FUELS			
21	2 of 2	SW/150.0	114.9 / 12.95	NICK AYOUB 920 MONTREAL ROAD OTTAWA ON K1K 0S8	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON2823499 2010 447190 Other Gasoline Stations			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:
Detail(s)					
Waste Class: Waste Class Desc:		221 LIGHT FUELS			
22	1 of 1	NW/151.2	99.9 / -2.05	SOUTH ROCKCLIFFE GLOUCESTER ON	AMIS
Site Access Code: AMIS Distr Code: Abandoned Mine ID: Old MDI ID: New MDI ID: Official Nm: Mine Status: Mine Plan/Section: Site Class:		07665 SO2959 MDI31G05NE00007 SOUTH ROCKCLIFFE ABANDONED UNDETERMINED NOT APPLICABLE			Start Year: End Year: Prog Rehab Plan: Evid of Site Contam: Evid of Sulphide: Evid Animals Pres: Revegetation: Veg Condition: Veg Descr:
		UNDETERMINED UNK UNK UNK UNK			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Clos Reason Code:				Chemical Doc:	UNK
Closure Plan:		UNDETERMINED		Jurisdiction:	A.R.A.
Prim Commod Code:				Lot No:	23
Prim Commod:		UNDETRMINED		Concession:	1
Operat Access:		N/A		Zone:	18
Date Entered:				Northing:	5032989
Date Last Modified:		24-AUG-1995		Easting:	450836
Effective Date:		2003-01-27.15:37:01		Clos Reason:	UNDETRMINED
Hyper Link:		http://www.geologyontario.mndm.gov.on.ca/mndmfiles/AMIS/data/records/07665.html			
AMIS District:		TWEED			
District Desc:		TWEED			
Animal Desc:					
Status Type Code:					
Mine Features Desc:		QUARRY			
AMIS Bkgrd Info:		PAST PRODUCER. QUARRY SYMBOL 0.9KM W. OF ROTHWELL HEIGHT ON OGS 1984, MAP P2715 OTTAWA.. COMMODITY: LIMESTONE. CONC 1 (OTTAWA RIVER)			
Alias Name:		SOUTH ROCKCLIFFE			
AMIS Features					
AMIS Feature ID:		78820		Feature Length:	0
Effective Date:				Eval Performed Ind:	
Date Last Modified:				Soil Erosion Flag:	
Dt Entered in AMIS:				Txt Feature ID:	
Mine Feat Class Desc:		FEATURE TO SURFACE		UTM Zone:	18
Feature Type Code:				UTM Northing:	5032988
Mine Feat Type Desc:		QUARRY		UTM Easting:	450819
Hazard Status Desc:		NOT AVAILABLE		Lat DD Features:	45.44869
Depth or Height:		0		Long DD Features:	-75.62893
Feature Width:		0			
Mine Feature Condition Desc:					

[23](#) 1 of 1 W/152.3 103.9 / 2.00 ON WWIS

Well ID:	1507807	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Public	Date Received:	11/26/1952
Sec. Water Use:	0	Selected Flag:	Yes
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-CARLETON
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10029842	Elevation:	105.229431
DP2BR:	160	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	450775.7
Code OB Desc:	Bedrock	North83:	5032873

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole: Cluster Kind: Date Completed: 8/11/1952 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: p9	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931008078			
Layer:		1			
Color:					
General Color:					
Mat1:		24			
Most Common Material:		PREV. DRILLED			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		160			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931008079			
Layer:		2			
Color:		8			
General Color:		BLACK			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		160			
Formation End Depth:		350			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578412			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Casing ID:		930052348			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		160			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930052349			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		350			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991507807			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		30			
Recommended Pump Depth:					
Pumping Rate:		7			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933462069			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		175			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933462068			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		75			
Water Found Depth UOM:		ft			
<hr/>					
24	1 of 1	SW/159.4	111.1 / 9.13	620 Hochelaga Street, Ottawa ON	PINC

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident ID:	2750096			Health Impact:	No
Incident No:	593518			Environment Impact:	No
Type:	FS-Pipeline Incident			Property Damage:	Yes
Status Code:	Pipeline Damage Reason Est			Service Interrupt:	Yes
Fuel Occurrence Tp:	Pipeline Strike			Enforce Policy:	Yes
Fuel Type:	Natural Gas			Public Relation:	No
Tank Status:	RC Established			Pipeline System:	
Task No:	3348976			Depth:	22
Spills Action Centre:				Pipe Material:	Plastic
Method Details:	E-mail			PSIG:	40
Fuel Category:	Natural Gas			Attribute Category:	FS-Perform P-line Inc Invest
Date of Occurrence:	5/10/2011 0:00			Regulator Location:	Outside
Occurrence Start Date:	2011/06/06				
Operation Type:	Construction Site (pipeline strike)				
Pipeline Type:	Service / Riser Distribution Pipeline				
Regulator Type:	Service Regulator (up to 60 psi intake)				
Summary:	620 Hochelaga Street, Ottawa - 1/2" Pipeline Hit				
Reported By:	Armstrong, Alan - Enbridge				
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
Occurrence Desc:	linestrike no locates				
Damage Reason:	No notification made to the one call center				
Notes:	no locate				

25	1 of 2	NE/160.8	97.9 / -4.05	CITY OF OTTAWA NON-PROFIT HSG. CORP. BURMA RD/PROVENDER RD/MONTREAL OTTAWA CITY ON	CA
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Certificate #: 3-0831-91-
Application Year: 91
Issue Date: 6/14/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

25	2 of 2	NE/160.8	97.9 / -4.05	CITY OF OTTAWA NON-PROFIT HSG. CORP. PROVENDER RD/BURMA RD/ROTHBURY OTTAWA CITY ON	CA
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Certificate #: 7-0663-91-
Application Year: 91
Issue Date: 6/14/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	1 of 1	ESE/170.6	101.6 / -0.36	641 Bathgate Drive Ottawa ON K1K 3Y3	EHS
Order No:	20120329005			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	4/4/2012 9:17:04 AM			Search Radius (km):	0.25
Date Received:	3/29/2012 9:15:30 AM			X:	-75.625048
Previous Site Name:				Y:	45.446414
Lot/Building Size:					
Additional Info Ordered:					

27	1 of 1	WNW/174.1	100.6 / -1.36	ON	MNR
MDI No:	MDI31G05NE00007			Twp Area:	
OGF ID:				Dep Class:	
Deposit Status:	PAST PRODUCING MINE WITHOUT RESERVES			Zone:	18
Claim Map:				Easting:	450809.00
Geological District:	SOUTHEASTERN ONTARIO			Northing:	5032766.00
Mining Division:				Effective Dt/time:	
Name:				Date Last Modified:	
P Commod:				Geo Update Dt/time:	
S Commod:					
Class Sub Type No:					
Class Sub Type:					
Source Map:					
Detail:					
All Names:					
Access Description:	N/A **Note: Many records provided by the department have a truncated [Access Description] field.				
Status:					

Deposit Details

Deposit Year: 1991
Deposit Character:
Commodity:
Ranking: 1
Twp/Area:
Con/Lot/Sec:
Legal Desc:
Township Area Ranking:
Mndm Township Area No:
Effective Date/Time:

Deposit Details

Deposit Year:
Deposit Character:
Commodity: LIMESTONE (CHEMICAL/FLUX)
Ranking:
Twp/Area:
Con/Lot/Sec:
Legal Desc:
Township Area Ranking:
Mndm Township Area No:
Effective Date/Time:

Deposit Details

Deposit Year:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Deposit Character:					
Commodity:					
Ranking:					
Twp/Area:		GLOUCESTER			
Con/Lot/Sec:					
Legal Desc:					
Township Area Ranking:					
Mndm Township Area No:					
Effective Date/Time:					

<u>28</u>	1 of 1	W/189.3	105.8 / 3.92	ON	WWIS
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Well ID: 1508539
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: 9/23/1957
Selected Flag: Yes
Abandonment Rec:
Contractor: 1802
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10030573
DP2BR: 0
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/6/1957
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 103.082275
Elevrc:
Zone: 18
East83: 450750.7
North83: 5032803
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

**Overburden and Bedrock
Materials Interval**

Formation ID: 931009927
Layer: 1
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		163			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:					
Casing No:		10579143			
Comment:		1			
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:					
Layer:		930053788			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		63			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:					
Layer:		930053789			
Material:		2			
Open Hole or Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		163			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:					
Pump Set At:		991508539			
Static Level:		45			
Final Level After Pumping:		60			
Recommended Pump Depth:					
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing:		N			
<u>Water Details</u>					
Water ID:		933463073			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		160			
Water Found Depth UOM:		ft			

29	1 of 1	ENE/194.4	99.6 / -2.36	ottawa Ottawa ON	EHS
Order No:	20180712255			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	RSC Report - Quote			Client Prov/State:	ON
Report Date:	20-JUL-18			Search Radius (km):	.3
Date Received:	12-JUL-18			X:	-75.624568
Previous Site Name:				Y:	45.448145
Lot/Building Size:					
Additional Info Ordered:	City Directory				

30	1 of 1	WNW/185.3	103.9 / 1.96	ON	WWIS
Well ID:	1507808			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Public			Date Received:	4/1/1952
Sec. Water Use:	0			Selected Flag:	Yes
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-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10029843	Elevation:	106.011604
DP2BR:	9	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	450750.7
Code OB Desc:	Bedrock	North83:	5032923
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/28/1951	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931008080			
Layer:		1			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		9			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931008081			
Layer:		2			
Color:		1			
General Color:		WHITE			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		9			
Formation End Depth:		160			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578413			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930052350			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20			
Casing Diameter:		6			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:	930052351				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	160				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991507808				
Pump Set At:					
Static Level:	30				
Final Level After Pumping:	40				
Recommended Pump Depth:					
Pumping Rate:	5				
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	N				
<u>Water Details</u>					
Water ID:	933462070				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	70				
Water Found Depth UOM:	ft				

[31](#) 1 of 1 S/195.7 106.9 / 4.95 ON [WWIS](#)

Well ID:	1508199	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	1/15/1951
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1107
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10030234			Elevation:	100.66851
DP2BR:	0			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	450960.7
Code OB Desc:	Bedrock			North83:	5032633
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	3/16/1950			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931009042				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	120				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10578804				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930053128				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	120				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930053127			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		18			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508199			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		22			
Recommended Pump Depth:					
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933462608			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		120			
Water Found Depth UOM:		ft			

[32](#) 1 of 1 SW/194.5 118.5 / 16.54 GRANDMAITRE ON GLOUCESTER MNR

MDI No:	MDI31G05NE00058	Twp Area:	GLOUCESTER
OGF ID:	205265779	Dep Class:	
Deposit Status:	PAST PRODUCING MINE WITHOUT RESERVES	Zone:	18
Claim Map:	N/A	Easting:	450827.296
Geological District:	SOUTHEASTERN ONTARIO	Northing:	5032673.016
Mining Division:	SOUTHERN ONTARIO	Effective Dt/time:	13-Jun-2005
Name:	GRANDMAITRE	Date Last Modified:	
P Commod:	LIMESTONE (CEMENT/CHEMICAL FLUX)	Geo Update Dt/time:	
S Commod:			
Class Sub Type No:	2499		
Class Sub Type:	Past Producing Mine Without Reserves		
Source Map:	DEMR 1987, NTS 31G05 OTTAWA		
Detail:	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/mdi/data/records/MDI31G05NE00058.html		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
All Names:		GRANDMAITRE			
Access Description:		On the S side of Hwy 17 in Eastview - no longer exposed.**Note: Many records provided by the department have a truncated [Access Description] field.			
Status:		PAST PRODUCING MINE WITHOUT RESERVES			
<u>Deposit Details</u>					
Deposit Year:		1993			
Deposit Character:					
Commodity:		LIMESTONE (CEMENT/CHEMICAL FLUX)			
Ranking:		1			
Twp/Area:		GLOUCESTER			
Con/Lot/Sec:		LOT: 22 Con: 1			
Legal Desc:		Ottawa			
Township Area Ranking:		1			
Mndm Township Area No:		952			
Effective Date/Time:		12/7/2005 12:32:36 PM			

33	1 of 1	SW/194.8	118.5 / 16.54	GRANDMAITRE,D LTD QU	AMIS
				GLOUCESTER ON	
Site Access Code:				Start Year:	
AMIS Distr Code:				End Year:	
Abandoned Mine ID: 07681				Prog Rehab Plan: UNDETERMINED	
Old MDI ID: NOT AVAILABLE				Evid of Site Contam: UNK	
New MDI ID:				Evid of Sulphide: UNK	
Official Nm: GRANDMAITRE,D LTD QU				Evid Animals Pres: UNK	
Mine Status: ABANDONED				Revegetation: UNK	
Mine Plan/Section: UNDETERMINED				Veg Condition:	
Site Class: NOT APPLICABLE				Veg Descr:	
Clos Reason Code:				Chemical Doc: UNK	
Closure Plan: UNDETERMINED				Jurisdiction: A.R.A.	
Prim Commod Code:				Lot No: 0	
Prim Commod: UNDETRMINED				Concession: 0	
Operat Access: N/A				Zone: 18	
Date Entered:				Northing: 5032673	
Date Last Modified:				Easting: 450827	
Effective Date: 2003-01-27.15:37:01				Clos Reason: UNDETRMINED	
Hyper Link: http://www.geologyontario.mndm.gov.on.ca/mndmfiles/AMIS/data/records/07681.html					
AMIS District: TWEED					
District Desc: TWEED					
Animal Desc:					
Status Type Code:					
Mine Features Desc: QUARRY					
AMIS Bkgrd Info: 13M FACE. COMMODITY: LIMESTONE - CHEMICAL.					
Alias Name: MONTREAL RO; LTD QUARRY; GRANDMAITRE,D LTD QU					

AMIS Features

AMIS Feature ID:	78823	Feature Length:	0
Effective Date:		Eval Performed Ind:	
Date Last Modified:		Soil Erosion Flag:	
Dt Entered in AMIS:		Txt Feature ID:	
Mine Feat Class Desc: FEATURE TO SURFACE		UTM Zone:	18
Feature Type Code:		UTM Northing:	5032672
Mine Feat Type Desc: QUARRY		UTM Easting:	450810
Hazard Status Desc: NOT AVAILABLE		Lat DD Features:	45.44584
Depth or Height: 13		Long DD Features:	-75.62901
Feature Width: 0			
Mine Feature Condition Desc:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	1 of 1	WNW/198.5	100.6 / -1.36	184 PROVENDER AVENUE OTTAWA ON K1K 4N7	HINC

External File Num: FS INC 0801-00242
Fuel Occurrence Type: CO Release
Date of Occurrence: 1/13/2008
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Private Dwelling
Service Interruptions: Yes
Property Damage: Yes
Fuel Life Cycle Stage: Utilization
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:Yes Design:No Training:No Management:No Human Factors:Yes
Reported Details:
Fuel Category: Gaseous Fuel
Occurrence Type: Near-miss
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Ottawa
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

35	1 of 1	ENE/206.2	97.9 / -4.05	ON	MNR
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MDI No: MDI31G05NE00006
OGF ID:
Deposit Status: PAST PRODUCING MINE WITHOUT RESERVES
Claim Map:
Geological District: SOUTHEASTERN ONTARIO
Mining Division:
Name:
P Commod:
S Commod:
Class Sub Type No:
Class Sub Type:
Source Map:
Detail:
All Names:
Access Description: N/A **Note: Many records provided by the department have a truncated [Access Description] field.
Status:

Deposit Details

Deposit Year: 1991
Deposit Character:
Commodity:
Ranking: 1
Twp/Area:
Con/Lot/Sec:
Legal Desc:
Township Area Ranking:
Mndm Township Area No:
Effective Date/Time:

Deposit Details

Deposit Year:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Deposit Character: Commodity: Ranking: Twp/Area: GLOUCESTER Con/Lot/Sec: Legal Desc: Township Area Ranking: Mndm Township Area No: Effective Date/Time:					
<u>Deposit Details</u>					
Deposit Year: Deposit Character: Commodity: LIMESTONE (CHEMICAL/FLUX) Ranking: Twp/Area: Con/Lot/Sec: Legal Desc: Township Area Ranking: Mndm Township Area No: Effective Date/Time:					
36	1 of 1	WSW/214.0	106.9 / 4.95	895 Montreal Road Ottawa ON	EHS
Order No:	20130710019			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	18-JUL-13			Search Radius (km):	.25
Date Received:	10-JUL-13			X:	-75.630064
Previous Site Name:				Y:	45.446905
Lot/Building Size:					
Additional Info Ordered:					
37	1 of 1	WSW/213.4	108.4 / 6.50	900 Montreal Road Ottawa ON K1K 0S8	EHS
Order No:	20070716048			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	CAN - Complete Report			Client Prov/State:	
Report Date:	7/25/2007			Search Radius (km):	0.25
Date Received:	7/16/2007			X:	-75.62962
Previous Site Name:				Y:	45.446169
Lot/Building Size:	16666				
Additional Info Ordered:					
38	1 of 1	WSW/216.0	107.1 / 5.22	895 Montreal Road Ottawa ON K1K 4B9	EHS
Order No:	20120423035			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	5/2/2012 12:52:53 PM			Search Radius (km):	0.25
Date Received:	4/23/2012 12:51:43 PM			X:	-75.629971
Previous Site Name:	Easy Car Loan			Y:	45.446698
Lot/Building Size:	237.84 ft x 200.03 ft, 47,547 sq ft.				
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans;				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
39	1 of 1	ESE/213.3	100.7 / -1.26	641 Bathgate Drive Ottawa ON	EHS
Order No:	20170501057			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	04-MAY-17			Search Radius (km):	.25
Date Received:	01-MAY-17			X:	-75.624223
Previous Site Name:				Y:	45.446691
Lot/Building Size:					
Additional Info Ordered:					
40	1 of 1	ESE/215.7	100.9 / -0.98	641 Bathgate Dr Ottawa ON K1K3Y3	EHS
Order No:	20151119048			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	NY
Report Date:	25-NOV-15			Search Radius (km):	.25
Date Received:	19-NOV-15			X:	-75.624292
Previous Site Name:				Y:	45.446515
Lot/Building Size:					
Additional Info Ordered:	City Directory; Aerial Photos				
41	1 of 11	WSW/225.5	112.0 / 10.06	City off Ottawa 900 Montreal Road Ottawa ON K1K 0S8	GEN
Generator No:	ON6418080			PO Box No:	
Status:				Country:	
Approval Years:	07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913140				
SIC Description:	Municipal Fire-Fighting Services				
Detail(s)					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
41	2 of 11	WSW/225.5	112.0 / 10.06	City off Ottawa 900 Montreal Road Ottawa ON K1K 0S8	GEN
Generator No:	ON6418080			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913140				
SIC Description:	Municipal Fire-Fighting Services				
Detail(s)					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
41	3 of 11	WSW/225.5	112.0 / 10.06	City off Ottawa 900 Montreal Road Ottawa ON K1K 0S8	GEN
Generator No:	ON6418080			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913140				
SIC Description:	Municipal Fire-Fighting Services				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
41	4 of 11	WSW/225.5	112.0 / 10.06	City off Ottawa 900 Montreal Road Ottawa ON K1K 0S8	GEN
Generator No:	ON6418080			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913140				
SIC Description:	Municipal Fire-Fighting Services				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
41	5 of 11	WSW/225.5	112.0 / 10.06	City off Ottawa 900 Montreal Road Ottawa ON K1K 0S8	GEN
Generator No:	ON6418080			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913140				
SIC Description:	Municipal Fire-Fighting Services				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
41	6 of 11	WSW/225.5	112.0 / 10.06	City off Ottawa 900 Montreal Road Ottawa ON	GEN
Generator No:	ON6418080			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913140				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:					
Detail(s)					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
41	7 of 11	WSW/225.5	112.0 / 10.06	City off Ottawa 900 Montreal Road Ottawa ON K1K0S8	GEN
Generator No:	ON6418080			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Mark Winder
MHSW Facility:	No			Phone No Admin:	613-580-2424 Ext.23545
SIC Code:	913140				
SIC Description:	913140				
Detail(s)					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
41	8 of 11	WSW/225.5	112.0 / 10.06	City off Ottawa 900 Montreal Road Ottawa ON K1K0S8	GEN
Generator No:	ON6418080			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Mark Winder
MHSW Facility:	No			Phone No Admin:	613-580-2424 Ext.23545
SIC Code:	913140				
SIC Description:	913140				
Detail(s)					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
41	9 of 11	WSW/225.5	112.0 / 10.06	City off Ottawa 900 Montreal Road Ottawa ON K1K0S8	GEN
Generator No:	ON6418080			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Mark Winder
MHSW Facility:	No			Phone No Admin:	613-580-2424 Ext.23545
SIC Code:	913140				
SIC Description:	913140				
Detail(s)					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
41	10 of 11	WSW/225.5	112.0 / 10.06	City off Ottawa PBG 900 Montreal Road Ottawa ON K1K0S8	GEN
Generator No:	ON6418080			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
41	11 of 11	WSW/225.5	112.0 / 10.06	City off Ottawa PBG 900 Montreal Road Ottawa ON K1K0S8	GEN
Generator No:	ON6418080			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Oct 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
42	1 of 1	ENE/238.8	97.9 / -4.02	ROTHWELL GLOUCESTER ON	AMIS
Site Access Code:				Start Year:	
AMIS Distr Code:				End Year:	
Abandoned Mine ID:	07666			Prog Rehab Plan:	UNDETERMINED
Old MDI ID:	SO2958			Evid of Site Contam:	UNK
New MDI ID:	MDI31G05NE00006			Evid of Sulphide:	UNK
Official Nm:	ROTHWELL			Evid Animals Pres:	UNK
Mine Status:	ABANDONED			Revegetation:	UNK
Mine Plan/Section:	UNDETERMINED			Veg Condition:	
Site Class:	NOT APPLICABLE			Veg Descr:	
Clos Reason Code:				Chemical Doc:	UNK
Closure Plan:	UNDETERMINED			Jurisdiction:	A.R.A.
Prim Commod Code:				Lot No:	22
Prim Commod:	UNDETRMINED			Concession:	1
Operat Access:	N/A			Zone:	18
Date Entered:				Northing:	5032985
Date Last Modified:				Easting:	451184
Effective Date:	2003-01-27.15:37:01			Clos Reason:	UNDETRMINED
Hyper Link:	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/AMIS/data/records/07666.html				
AMIS District:	TWEED				
District Desc:	TWEED				
Animal Desc:					
Status Type Code:					
Mine Features Desc:	QUARRY				
AMIS Bkgd Info:	PAST PRODUCER. QUARRY SYMBOL 0.7KM W. OF ROTHWELL HEIGHTS ON OGS 1984, MAP P2716 OTTAWA.. COMMODITY: LIMESTONE.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Alias Name:		ROTHWELL			
<u>AMIS Features</u>					
AMIS Feature ID:	78821			Feature Length:	0
Effective Date:				Eval Performed Ind:	
Date Last Modified:				Soil Erosion Flag:	
Dt Entered in AMIS:				Txt Feature ID:	
Mine Feat Class Desc:	FEATURE TO SURFACE			UTM Zone:	18
Feature Type Code:				UTM Northing:	5032984
Mine Feat Type Desc:	QUARRY			UTM Easting:	451167
Hazard Status Desc:	NOT AVAILABLE			Lat DD Features:	45.44867
Depth or Height:	0			Long DD Features:	-75.62448
Feature Width:	0				
Mine Feature Condition Desc:					
43	1 of 4	SW/234.0	114.1 / 12.18	Co Operation d'habitation desloges 10-100 desloges pvt. Ottawa ON K1K 4P3	GEN
Generator No:	ON2939713			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	531111				
SIC Description:	Lessors of Residential Buildings and Dwellings (except Social Housing Projects)				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
43	2 of 4	SW/234.0	114.1 / 12.18	Co-operative d'habitation desloges 10 Desloges Private Ottawa ON K1K 4P3	GEN
Generator No:	ON9822930			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	531310				
SIC Description:	Real Estate Property Managers				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
43	3 of 4	SW/234.0	114.1 / 12.18	Cooperative D'Habitation Desloges Inc 10 Desloges Private Ottawa ON K1K 4P3	GEN
Generator No:	ON9749174			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	531390				
SIC Description:	OTHER ACTIVITIES RELATED TO REAL ESTATE				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
43	4 of 4	SW/234.0	114.1 / 12.18	Cooperative D'Habitation Desloges Inc 10 Desloges Private Ottawa ON K1K 4P3	GEN
Generator No:		ON9749174		PO Box No:	
Status:		Registered		Country: Canada	
Approval Years:		As of Dec 2017		Choice of Contact:	
Contam. Facility:					
MHSW Facility:					
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
44	1 of 5	WSW/250.0	106.9 / 4.95	Claridge Homes (Carson) Inc. Plan 4R- 15544,CON 1 ON OTTAWA RIVER Ottawa ON K2P 0Y6	ECA
Approval No:		4366-4VXQMH		MOE District: Ottawa	
Approval Date:		2001-04-25		City:	
Status:		Approved		Longitude: -75.6305	
Record Type:		ECA		Latitude: 45.4468	
Link Source:		IDS		Geometry X:	
SWP Area Name:		Rideau Valley		Geometry Y:	
Approval Type:		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS			
Project Type:		MUNICIPAL AND PRIVATE SEWAGE WORKS			
Address:		Plan 4R- 15544,CON 1 ON OTTAWA RIVER			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/4134-4VXH3N-14.pdf			
44	2 of 5	WSW/250.0	106.9 / 4.95	City of Ottawa Bathgate Road, Montreal Road, and Den Haag Drive Ottawa ON K1P 1J1	ECA
Approval No:		1221-5ETN6D		MOE District: Ottawa	
Approval Date:		2002-10-18		City:	
Status:		Approved		Longitude: -75.6305	
Record Type:		ECA		Latitude: 45.4468	
Link Source:		IDS		Geometry X:	
SWP Area Name:		Rideau Valley		Geometry Y:	
Approval Type:		ECA-Municipal and Private Water Works			
Project Type:		Municipal and Private Water Works			
Address:		Bathgate Road, Montreal Road, and Den Haag Drive			
Full Address:					
Full PDF Link:					
44	3 of 5	WSW/250.0	106.9 / 4.95	Claridge Homes (Carson) Inc. Plan 4R- 15544,CON 1 ON OTTAWA RIVER Ottawa ON K2P 0Y6	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>Approval No: 0080-4VXQAA MOE District: Ottawa Approval Date: 2001-04-25 City: Status: Approved Longitude: -75.6305 Record Type: ECA Latitude: 45.4468 Link Source: IDS Geometry X: SWP Area Name: Rideau Valley Geometry Y: Approval Type: ECA-Municipal and Private Water Works Project Type: Municipal and Private Water Works Address: Plan 4R- 15544,CON 1 ON OTTAWA RIVER Full Address: Full PDF Link:</p>					
44	4 of 5	WSW/250.0	106.9 / 4.95	Claridge Homes (Rockcliffe Mews) Inc. Lots 23 & 24, Conc. 1, Registered Plan 4R-10389 Ottawa ON K2P 0Y6	ECA
<p>Approval No: 3218-57JJRR MOE District: Ottawa Approval Date: 2002-02-26 City: Status: Approved Longitude: -75.6305 Record Type: ECA Latitude: 45.4468 Link Source: IDS Geometry X: SWP Area Name: Rideau Valley Geometry Y: Approval Type: ECA-Municipal and Private Water Works Project Type: Municipal and Private Water Works Address: Lots 23 & 24, Conc. 1, Registered Plan 4R-10389 Full Address: Full PDF Link:</p>					
44	5 of 5	WSW/250.0	106.9 / 4.95	Claridge Homes (Rockcliffe Mews) Inc. Lots 23 & 24, Conc. 1, Registered Plan 4R-10389 Ottawa ON K2P 0Y6	ECA
<p>Approval No: 4595-57JT6G MOE District: Ottawa Approval Date: 2002-02-26 City: Status: Approved Longitude: -75.6305 Record Type: ECA Latitude: 45.4468 Link Source: IDS Geometry X: SWP Area Name: Rideau Valley Geometry Y: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: Lots 23 & 24, Conc. 1, Registered Plan 4R-10389 Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4107-57BJR6-14.pdf</p>					
45	1 of 1	S/248.4	104.7 / 2.81	ON	BORE
<p>Borehole ID: 615201 Inclin FLG: No OGF ID: 215516143 SP Status: Initial Entry Status: Surv Elev: No Type: Borehole Piezometer: No Use: Primary Name: Completion Date: Municipality: Static Water Level: 17.9 Lot: Primary Water Use: Township: Sec. Water Use: Latitude DD: 45.445045 Total Depth m: -999 Longitude DD: -75.626823 Depth Ref: Ground Surface UTM Zone: 18 Depth Elev: Easting: 450981 Drill Method: Northing: 5032582</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Orig Ground Elev m: Elev Reliabil Note: DEM Ground Elev m: Concession: Location D: Survey D: Comments:	99.1 99.6			Location Accuracy: Accuracy:	Not Applicable
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218400813 .6 White Bedrock Limestone			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Loose
					BEDROCK. WHITE. 00050 00313LOOSE. BEDROCK. 10DROCK. BEDROCK. BEDROCK. WAT **Note: Many records provided by the department have a truncated [Stratum Description] field.
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218400812 0 .6 Clay			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
					CLAY.
<u>Source</u>					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 H Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 077090 NTS_Sheet: 31G05G Logged by professional. Exact and complete description of material and properties.			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
<u>Source List</u>					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
46	1 of 1	WSW/251.5	106.9 / 4.95	ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type:	7127695 Monitoring Observation Wells			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	 8/13/2009 Yes 1119

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Material:				Form Version:	7
Audit No:	Z94654			Owner:	
Tag:	A082566			Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1002661400			Elevation:	103.009452
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	450694
Code OB Desc:				North83:	5032777
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	2/21/2009			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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1002929653				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	11				
Other Materials:	GRAVEL				
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	7.3				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1002929654				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		7.3			
Formation End Depth:		13.5			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002929657			
Layer:		1			
Plug From:		8.2			
Plug To:		5.2			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002929658			
Layer:		2			
Plug From:		5.2			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1002929652			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002929660			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0			
Depth To:		8.2			
Casing Diameter:		15.55			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1002929661			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		8.2			
Depth To:		13.5			
Casing Diameter:		15.23			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:	1002929662				
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:	m				
Screen Diameter UOM:	cm				
Screen Diameter:					
<u>Hole Diameter</u>					
Hole ID:	1002929656				
Diameter:	15.23				
Depth From:	8.2				
Depth To:	13.5				
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				
<u>Hole Diameter</u>					
Hole ID:	1002929655				
Diameter:	15.55				
Depth From:	0				
Depth To:	8.2				
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				
<u>47</u>	1 of 1	NNE/265.7	94.2 / -7.78	Montreal Road Ottawa ON	EHS
Order No:	20180305090			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	12-MAR-18			Search Radius (km):	.25
Date Received:	05-MAR-18			X:	-75.62625
Previous Site Name:				Y:	45.450092
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
<u>48</u>	1 of 3	WSW/280.6	105.5 / 3.59	JP Pharmacy Inc 876 montreal road ottawa ON K1K 4L3	GEN
Generator No:	ON4628402			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	446110				
SIC Description:	446110				
<u>Detail(s)</u>					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
48	2 of 3	WSW/280.6	105.5 / 3.59	JP Pharmacy Inc 876 montreal road ottawa ON K1K 4L3	GEN
Generator No:	ON4628402			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	261 A				
Waste Class Desc:	Pharmaceuticals				
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
48	3 of 3	WSW/280.6	105.5 / 3.59	JP Pharmacy Inc 876 montreal road ottawa ON K1K 4L3	GEN
Generator No:	ON4628402			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Oct 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
Waste Class:	261 A				
Waste Class Desc:	Pharmaceuticals				
49	1 of 16	WSW/286.2	106.4 / 4.48	HALLEYS SERVICE CENTRE LTD 875 MONTREAL RD OTTAWA ON K1K 0S7	PRT
Location ID:	11021				
Type:	retail				
Expiry Date:	1992-02-28				
Capacity (L):	90800				
Licence #:	0013732001				
49	2 of 16	WSW/286.2	106.4 / 4.48	OTTAWA ON	WWIS
Well ID:	1535224			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:				Date Received:	11/29/2004
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	1844
Casing Material:				Form Version:	3
Audit No:	Z20811			Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:	A011964			Street Name:	875 MONTREAL ROAD
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	11172976			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:	--			East83:	
Code OB Desc:	No formation data			North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	11/3/2004			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	na
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	B				
Method Construction:	Other Method				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	11181495				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930843369				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:					
Depth To:					
Casing Diameter:	5				
Casing Diameter UOM:	cm				
Casing Depth UOM:	m				
<u>Construction Record - Screen</u>					
Screen ID:	933409133				
Layer:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Slot:		010			
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6			
<u>Hole Diameter</u>					
Hole ID:		11306181			
Diameter:		20			
Depth From:		0			
Depth To:		1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		11306182			
Diameter:		10			
Depth From:		1			
Depth To:		5			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<hr/>					
49	3 of 16	WSW/286.2	106.4 / 4.48	HALLEYS SERVICE CENTRE LTD 875 MONTREAL RD OTTAWA ON K1K 0S7	EXP
Instance No:		9480848			
Instance ID:					
Instance Type:		FS Facility			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		5/26/1992			
<hr/>					
49	4 of 16	WSW/286.2	106.4 / 4.48	HALLEYS SERVICE CENTRE LTD 875 MONTREAL RD OTTAWA ON K1K 0S7	EXP
Instance No:		10904870			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		5/26/1992			
<hr/>					
49	5 of 16	WSW/286.2	106.4 / 4.48	HALLEYS SERVICE CENTRE LTD 875 MONTREAL RD OTTAWA ON K1K 0S7	EXP
Instance No:		10904888			
Instance ID:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		5/26/1992			
49	6 of 16	WSW/286.2	106.4 / 4.48	HALLEYS SERVICE CENTRE LTD 875 MONTREAL RD OTTAWA ON K1K 0S7	EXP
Instance No:		10904907			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		5/26/1992			
49	7 of 16	WSW/286.2	106.4 / 4.48	HALLEYS SERVICE CENTRE LTD 875 MONTREAL RD OTTAWA ON K1K 0S7	EXP
Instance No:		10904855			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:					
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		5/26/1992			
49	8 of 16	WSW/286.2	106.4 / 4.48	HALLEYS SERVICE CENTRE LTD 875 MONTREAL RD OTTAWA ON	EXP
Instance No:		10904864			
Instance ID:		50780			
Instance Type:		FS Piping			
Description:		FS Piping			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
49	9 of 16	WSW/286.2	106.4 / 4.48	HALLEYS SERVICE CENTRE LTD 875 MONTREAL RD OTTAWA ON	EXP
Instance No:		10904879			
Instance ID:		51247			
Instance Type:		FS Piping			
Description:		FS Piping			
Status:		EXPIRED			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:					
49	10 of 16	WSW/286.2	106.4 / 4.48	HALLEYS SERVICE CENTRE LTD 875 MONTREAL RD OTTAWA ON	EXP
Instance No: 10904897 Instance ID: 51379 Instance Type: FS Piping Description: FS Piping Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:					
49	11 of 16	WSW/286.2	106.4 / 4.48	HALLEYS SERVICE CENTRE LTD 875 MONTREAL RD OTTAWA ON	EXP
Instance No: 10904914 Instance ID: 51814 Instance Type: FS Piping Description: FS Piping Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:					
49	12 of 16	WSW/286.2	106.4 / 4.48	HALLEYS SERVICE CENTRE LTD 875 MONTREAL RD OTTAWA ON K1K 0S7	EXP
Instance No: 10904870 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 5/26/1992					
49	13 of 16	WSW/286.2	106.4 / 4.48	HALLEYS SERVICE CENTRE LTD 875 MONTREAL RD OTTAWA ON K1K 0S7	EXP
Instance No: 10904888 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Expired Date:		5/26/1992			
49	14 of 16	WSW/286.2	106.4 / 4.48	HALLEYS SERVICE CENTRE LTD 875 MONTREAL RD OTTAWA ON K1K 0S7	EXP
Instance No:		10904907			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:		FS Gasoline Station - Full Serve			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:		FS Liquid Fuel Tank			
Expired Date:		5/26/1992			
49	15 of 16	WSW/286.2	106.4 / 4.48	HALLEYS SERVICE CENTRE LTD 875 MONTREAL RD OTTAWA ON K1K 0S7	EXP
Instance No:		10904855			
Instance ID:					
Instance Type:		FS Liquid Fuel Tank			
Description:		FS Gasoline Station - Full Serve			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:		FS Liquid Fuel Tank			
Expired Date:		5/26/1992			
49	16 of 16	WSW/286.2	106.4 / 4.48	875 Montreal Road Ottawa ON K1K 0T6	EHS
Order No:		20200527129		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		01-JUN-20		Search Radius (km): .25	
Date Received:		27-MAY-20		X: -75.6308816	
Previous Site Name:				Y: 45.4465946	
Lot/Building Size:					
Additional Info Ordered:					
50	1 of 1	WSW/287.6	104.5 / 2.55	ON	WWIS
Well ID:		1508005			
Construction Date:					
Primary Water Use:		Cooling And A/C			
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:					
Data Entry Status:					
Data Src:		1			
Date Received:		8/20/1953			
Selected Flag:		Yes			
Abandonment Rec:					
Contractor:		1107			
Form Version:		1			
Owner:					
Street Name:					
County:		OTTAWA-CARLETON			
Municipality:		OTTAWA CITY			
Site Info:					
Lot:					
Concession:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:		10030040		Elevation:	102.961654
DP2BR:		0		Elevrc:	
Spatial Status:				Zone:	18
Code OB:		r		East83:	450685.7
Code OB Desc:		Bedrock		North83:	5032703
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:		6/15/1953		UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931008584			
Layer:		1			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		117			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578610			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930052737			
Layer:		2			
Material:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		117			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930052736			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		23			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508005			
Pump Set At:					
Static Level:		40			
Final Level After Pumping:		53			
Recommended Pump Depth:					
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933462328			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		117			
Water Found Depth UOM:		ft			

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1 of 1

WSW/290.1

106.9 / 4.97

OTTAWA ON

WWIS

Well ID:	1535855	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	10/12/2005
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	1844
Casing Material:		Form Version:	3
Audit No:	Z31647	Owner:	
Tag:	A029522	Street Name:	875 MONTREAL ROAD & CODD'S ROAD
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		932997341			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		4.9			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933278543			
Layer:		1			
Plug From:		0.05			
Plug To:		1			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11331249			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930855839			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.05			
Depth To:		1			
Casing Diameter:		5			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		933414947			
Layer:		1			
Slot:		010			
Screen Top Depth:		1			
Screen End Depth:		4.9			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Diameter:		5.8			
<u>Hole Diameter</u>					
Hole ID:		11533974			
Diameter:		20			
Depth From:		0			
Depth To:		4.9			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

52	1 of 1	ESE/295.6	100.6 / -1.36	ON	BORE
Borehole ID:		615210		Inclin FLG:	No
OGF ID:		215516152		SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:		Borehole		Piezometer:	No
Use:				Primary Name:	
Completion Date:		AUG-1970		Municipality:	
Static Water Level:		17.9		Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.445872
Total Depth m:		-999		Longitude DD:	-75.623636
Depth Ref:		Ground Surface		UTM Zone:	18
Depth Elev:				Easting:	451231
Drill Method:				Northing:	5032672
Orig Ground Elev m:		99.1		Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:		100			
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:		218400832		Mat Consistency:	
Top Depth:		0		Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:		Bedrock		Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		BEDROCK. K. SHALE. LIMESTONE. 00200E. BEDROCK. 10DROCK. BEDROCK. BEDRO **Note: Many records provided by the department have a truncated [Stratum Description] field.			

Source

Source Type:		Data Survey		Source Appl:	Spatial/Tabular
Source Orig:		Geological Survey of Canada		Source Iden:	1
Source Date:		1956-1972		Scale or Res:	Varies
Confidence:		H		Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Details:		File: OTTAWA2.txt RecordID: 07718 NTS_Sheet:			
Confiden 1:		Logged by professional. Exact and complete description of material and properties.			

Source List

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

Unplottable Summary

Total: **87** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Canada Lands Company CLC Limited	Part Lots 9 & 10, Concession 4 Rideau Front	Ottawa ON	
CA	Claridge Homes (Carson) Inc.		Ottawa ON	
CA	Claridge Homes (Carson) Inc.		Ottawa ON	
CA		Bathgate Road	Ottawa ON	
CA		Bathgate Road	Ottawa ON	
CA		Bathgate Road	Ottawa ON	
CA	CARA OPERATIONS LIMITED	MONTREAL RD. (HARVEY'S)	GLOUCESTER CITY ON	
CA	1146510 ONTARIO INC.	MONTREAL RD., PT.LOT 25/C-1	OTTAWA CITY ON	
CA	TDL GROUP LTD., TIM HORTON'S	MONTREAL RD., BLK.57, RP 4M916	GLOUCESTER ON	
CA	R.M. OF OTTAWA-CARLETON-ORLEANS RESERVOI	FOREST RIDGE PS REGIONAL RD.34	GLOUCESTER CITY ON	
CA	GERALD SAVOIE C/O MONFORT HOSPITAL	MONTREAL ROAD	OTTAWA CITY ON	
CA	MALHOTRA DEVELOPMENTS INC.-PT.LOT 23/C-1	MONTREAL RD./STM-WATER MGT.	OTTAWA CITY ON	
CA	CITY OF OTTAWA NON-PROFIT HSG. CORP.	PROVENDER RD./LOTS 22&23,CON.1	OTTAWA CITY ON	
CA	GERALD SAVOIE C/O MONFORT HOSPITAL	MONTREAL ROAD	OTTAWA CITY ON	
CA	TACO BELL OF CANADA	MONTREAL RD., BLKS. 43 & 45	GLOUCESTER CITY ON	
CA	R.M. OF OTTAWA-CARLETON	MONTREAL RD.	GLOUCESTER CITY ON	
CA	Canada Lands Company CLC Limited	Part of Lot 10, Concession 4, Rideau Front	Ottawa ON	

CA	Canada Lands Company CLC Limited		Ottawa ON	
CONV	Cohen and Cohen (3293696)		Ottawa ON	
ECA	Canada Lands Company CLC Limited		Ottawa ON	K1P 5L4
ECA	Canada Lands Company CLC Limited		Ottawa ON	K1P 5L4
ECA	Claridge Homes (Rockcliffe Mews) Inc.		Ottawa ON	K2P 0Y6
ECA	Claridge Homes (Carson) Inc.	Renaud Rd	Ottawa ON	K2P 0M6
ECA	Claridge Homes (Carson) Inc.		Ottawa ON	K2P 0Y6
ECA	Claridge Homes (Rockcliffe Mews) Inc.		Ottawa ON	K2P 0Y6
EHS		Montreal Rd	Ottawa ON	
EXP	DIRECTOR ST LAURENT REGION	NRC MONTREAL RD BLOCK M39	OTTAWA ON	
EXP	DIRECTOR ST LAURENT REGION	NRC MONTREAL RD BLOCK M39	OTTAWA ON	
EXP	DIRECTOR ST LAURENT REGION	NRC MONTREAL RD BLOCK M39	OTTAWA ON	
EXP	DIRECTOR ST LAURENT REGION	NRC MONTREAL RDBLOCK M39	OTTAWA ON	NULL
FST	NATIONAL RESEARCH COUNCIL OF CANADA	MONTREAL RDBUILDING V-61	OTTAWA ON	NULL
FSTH	NATIONAL RESEARCH COUNCIL CANADA BUILD M 19	MONTREAL RD BUILDING V-61	OTTAWA ON	
FSTH	NATIONAL RESEARCH COUNCIL CANADA BUILD M 19	MONTREAL RD BUILDING V-61	OTTAWA ON	
GEN	GVT. OF CAN. - PUBLIC WORKS CANADA18-182	MONTREAL RD,BLDG M-23 NRC,CF PHOTO UNIT LAND ENGINEERING TEST ESTABLISHMENT	OTTAWA ON	
GEN	NATIONAL DEFENSE	NRC MONTREAL ROAD, CAMPUS BLDG. M23 CF PHOTO UNIT	OTTAWA ON	K1A 0M3
GEN	GVT. OF CAN. - PUBLIC WORKS CANADA	BLDG. SERVICES-NAT'L DEFENCE, LAND ENG. TEST ESTAB'MT,BLDG.M-23,NRC, MONTR'L RD	OTTAWA ON	K1A 0K5
GEN	PRATT & WHITNEY CANADA INC.	M10-B, NRC CAMPUS MONTREAL ROAD	OTTAWA ON	K1A 0R6

GEN	GVT. OF CAN. - NATIONAL DEFENCE	LETE MONTREAL ROAD	OTTAWA ON	K1A 0M3
GEN	GVT. OF CAN. - NATIONAL DEFENCE	CE PRODUCTION BUILDING 164 CODDS ROAD & VIA VENUS	OTTAWA ON	K1A 0K8
GEN	PUBLIC WORKS CANADA - NATIONAL DEFENCE	CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23	OTTAWA ON	K1A 0K2
GEN	NATIONAL RESEARCH COUNCIL	UPLANDS SITE BUILDINGS U61, U62, U66, U89	OTTAWA ON	
GEN	GVT. OF CAN. - NATIONAL RESEARCH	COUNCIL, MONTREAL ROAD COMPLEX BUILDING M-54	OTTAWA ON	K1A 0R6
GEN	NATIONAL RESEARCH COUNCIL	MONTREAL ROAD CAMPUS MONTREAL ROAD	OTTAWA ON	K1A 0R6
GEN	NATIONAL RESEARCH COUNCIL 18-109	PUBLIC WORKS CANADA ENV. SERVICES CFB OTTAWA BUILDINGS U61, U62, U66	OTTAWA ON	
GEN	NATIONAL RESEARCH COUNCIL	UPLANDS SITE NRC LABORATORY BLDGS. U61, U62, U66	OTTAWA ON	
GEN	SPIC & SPAN-VALETOR-CASH CLEANERS	MONTERAL SQUARE, MONTREAL ROAD C/O 1764 WOODWARD DRIVE	OTTAWA ON	K2C 0P8
GEN	SPIC & SPAN-VALETOR-CASH CLEANERS 35-136	MONTERAL SQUARE, MONTREAL ROAD C/O 1764 WOODWARD DRIVE	OTTAWA ON	K2C 0P8
GEN	NATIONAL ARCHIVES OF CANADA	CODD'S ROAD C.F.B. OTTAWA NORTH	OTTAWA ON	K1A 0N3
GEN	NATIONAL RESEARCH COUNCIL	BUILDING U-61	OTTAWA ON	K1A 0R6
GEN	PRATT & WHITNEY CANADA INC.	M11, NRC CAMPUS MONTREAL ROAD	OTTAWA ON	
GEN	LIBRARY AND ARCHIVES CANADA	CODD'S ROAD C.F.B. OTTAWA NORTH	OTTAWA ON	
GEN	NATIONAL RESEARCH COUNCIL	UPLANDS SITE NRC LABORATORY BLDGS. U61, U62, U66	OTTAWA ON	
GEN	PUBLIC WORKS CANADA - NATIONAL DEFENCE	CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23	OTTAWA ON	
GEN	PUBLIC WORKS CANADA - NATIONAL DEFENCE	CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23	OTTAWA ON	
GEN	NATIONAL RESEARCH COUNCIL	UPLANDS SITE NRC LABORATORY BLDGS. U61, U62, U66	OTTAWA ON	
GEN	Library and Archives Canada	Codd's Road C.F.B. Ottawa North	Ottawa ON	
GEN	PUBLIC WORKS CANADA - NATIONAL DEFENCE	CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23	OTTAWA ON	
GEN	City of Ottawa	Montreal Road from Hwy 174 to Ogilvie (including R	Ottawa ON	

GEN	PUBLIC WORKS CANADA - NATIONAL DEFENCE	CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23	OTTAWA ON	
GEN	Canada Lands Company	Codd's Road	Ottawa ON	
GEN	Canada Lands Company CLC Limited	Codd's Road	Ottawa ON	K1K 2G7
GEN	Canada Lands Company CLC Limited	Codd's Road	Ottawa ON	K1K 2G7
GEN	PUBLIC WORKS CANADA - NATIONAL DEFENCE	CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23	OTTAWA ON	K1A 0K2
GEN	Canada Lands Company CLC Limited	Codd's Road	Ottawa ON	K1K 2G7
GEN	Canada Lands Company CLC Limited	Codd's Road	Ottawa ON	K1K 2G7
GEN	Canada Lands Company	Codd's Road	Ottawa ON	K1K 2G7
NPCB	NATIONAL RESEARCH COUNCIL	BUILDING-19/ASPM MONTREAL ROAD	OTTAWA ON	K1A 0R6
NPCB	NATIONAL RESEARCH COUNCIL	MONTREAL ROAD LABS AS. P. M. MONTREAL ROAD	OTTAWA ON	K1A 0R6
NPCB	NATIONAL RESEARCH COUNCIL	BLDG.M19. MONTREAL RD. LABS A.S.P.M. MONTREAL RD	OTTAWA ON	K1A 0R6
OPCB	NATIONAL RESEARCH COUNCIL CANADA	BUILDING M-51 MONTREAL ROAD	OTTAWA ON	
PRT	NATIONAL RESEARCH COUNCIL CANADA BUILD M 19	UPLANDS BUILDING UPLANDS CAMPU	OTTAWA ON	
PRT	NATIONAL RESEARCH COUNCIL CANADA BUILD M 19	U-62 BUILDING MONTREAL	OTTAWA ON	
PRT	NATIONAL RESEARCH COUNCIL CANADA BUILD M 19	U-62 BUILDING MONTREAL	OTTAWA ON	
PRT	NATIONAL RESEARCH COUNCIL CANADA BUILD M 19	RAILWAY DYNAMICS UPLANDS CAMPU	OTTAWA ON	
PRT	NATIONAL RESEARCH COUNCIL CANADA BUILD M 19	MONTREAL RD BUILDING V-61	OTTAWA ON	
PRT	DIRECTOR ST LAURENT REGION	NRC MONTREAL RD BLOCK M39	OTTAWA ON	
PRT	NATIONAL RESEARCH COUNCIL CANADA BUILD M 19	BUILDING M-14	OTTAWA ON	
PTTW	Canada Lands Company CLC Limited	Ottawa Front Ponds Lot: 20,22,23,24,25, Concession: 1 (Ottawa Front), Geographic	ON	

Township: Gloucester, City of Ottawa, CITY OF
OTTAWA Gloucester

REC	NATIONAL RESEARCH COUNCIL	STORAGE BUILDING M-26 A,B,C,D	OTTAWA ON
RSC	CLARIDGE HOMES (CARSON) INC.	No Municipal Address	Ottawa ON
RSC		Part Lot 23, Township of Gloucester	Ottawa ON
RSC		Part Lot 23	Ottawa ON
SPL	Dan Wright Equipment Rentals Ltd.	Montreal Road (East of Hwy 174)	Ottawa ON
SPL	PAUL'S BACKHOE SERVICE	HWY 34 NORTH 5 - 5.5 MILES NORTH OF HWY 417 EAST 333 CHAMPLAIN ST., HAWKESBURY, ONT.	OTTAWA CITY ON
WWIS		lot 22	ON
WWIS		lot 23	ON
WWIS		lot 22	ON

Unplottable Report

Site: *Canada Lands Company CLC Limited*
Part Lots 9 & 10, Concession 4 Rideau Front Ottawa ON

Database:
CA

Certificate #: 7908-5JCLER
Application Year: 2003
Issue Date: 2/6/2003
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: *Claridge Homes (Carson) Inc.*
Ottawa ON

Database:
CA

Certificate #: 8697-6Z5TCD
Application Year: 2007
Issue Date: 4/17/2007
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: *Claridge Homes (Carson) Inc.*
Ottawa ON

Database:
CA

Certificate #: 9611-7PUSMB
Application Year: 2009
Issue Date: 3/9/2009
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: *Bathgate Road Ottawa ON*

Database:
CA

Certificate #: 9193-52BMHL

Application Year: 01
Issue Date: 10/11/01
Approval Type: Municipal & Private water
Status: Revoked and/or Replaced
Application Type: New Certificate of Approval
Client Name: The Corporation of the 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 a watermain on Bathgate Road from Olgivie Road to Plumber Avenue.
Contaminants:
Emission Control:

Site: Bathgate Road Ottawa ON

Database:
CA

Certificate #: 0095-52BK9Y
Application Year: 01
Issue Date: 9/7/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: Construction of Watermains on Bathgate Road in the City of Ottawa
Contaminants:
Emission Control:

Site: Bathgate Road Ottawa ON

Database:
CA

Certificate #: 9193-52BMHL
Application Year: 01
Issue Date: 10/11/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: Revocation
Client Name: The Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: Revocation due to duplicate Certificates issued
Contaminants:
Emission Control:

Site: CARA OPERATIONS LIMITED
MONTREAL RD. (HARVEY'S) GLOUCESTER CITY ON

Database:
CA

Certificate #: 8-4190-96-
Application Year: 96
Issue Date: 10/24/1996
Approval Type: Industrial air
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: COMMERCIAL KITCHEN EXHAUST HOODS
Contaminants:
Emission Control:

Site: 1146510 ONTARIO INC.
MONTREAL RD., PT.LOT 25/C-1 OTTAWA CITY ON

Database:
CA

Certificate #: 4-0011-96-
Application Year: 96
Issue Date: 2/5/1996
Approval Type: Industrial wastewater
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: CONSTRUCT STORMWATER MANAGEMENT FAC.
Contaminants:
Emission Control:

Site: TDL GROUP LTD., TIM HORTON'S
MONTREAL RD., BLK.57, RP 4M916 GLOUCESTER ON

Database:
CA

Certificate #: 8-4055-98-
Application Year: 98
Issue Date: 4/9/1998
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: COMMERCIAL KITCHEN EXHAUST EQUIPMENT
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON-ORLEANS RESERVOI
FOREST RIDGE PS REGIONAL RD.34 GLOUCESTER CITY ON

Database:
CA

Certificate #: 7-1490-87-
Application Year: 87
Issue Date: 7/6/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GERALD SAVOIE C/O MONTFORT HOSPITAL
MONTREAL ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 7-1184-88-
Application Year: 88
Issue Date: 8/8/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:

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

Site: MALHOTRA DEVELOPMENTS INC.-PT.LOT 23/C-1
MONTREAL RD./STM-WATER MGT. OTTAWA CITY ON

Database:
CA

Certificate #: 3-1791-91-
Application Year: 91
Issue Date: 4/6/1992
Approval Type: Municipal sewage
Status: Approved in 1992
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CITY OF OTTAWA NON-PROFIT HSG. CORP.
PROVENDER RD./LOTS 22&23,CON.1 OTTAWA CITY ON

Database:
CA

Certificate #: 3-0774-91-
Application Year: 91
Issue Date: 9/6/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GERALD SAVOIE C/O MONFORT HOSPITAL
MONTREAL ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 3-1382-88-
Application Year: 88
Issue Date: 8/8/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: TACO BELL OF CANADA
MONTREAL RD., BLKS. 43 & 45 GLOUCESTER CITY ON

Database:
CA

Certificate #: 8-4102-94-
Application Year: 94

Issue Date: 8/5/1994
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: CONDENSATE & FRYER EXHAUST HOOD
Contaminants: Methane (Incl. Hydrocarbons Expr. As Ch4)
Emission Control: No Controls

Site: R.M. OF OTTAWA-CARLETON
MONTREAL RD. GLOUCESTER CITY ON

Database:
CA

Certificate #: 3-1130-86-
Application Year: 86
Issue Date: 8/1/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Canada Lands Company CLC Limited
Part of Lot 10, Concession 4, Rideau Front Ottawa ON

Database:
CA

Certificate #: 2195-6DJP2A
Application Year: 2005
Issue Date: 6/22/2005
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: Canada Lands Company CLC Limited
Ottawa ON

Database:
CA

Certificate #: 4783-5JNRC5
Application Year: 2003
Issue Date: 2/13/2003
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: Cohen and Cohen (3293696)
Ottawa ON

Database:
CONV

File No: 071701
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description:

Location:
Region:
Ministry District:

Cohen and Cohen has been fined \$5,000 after pleading guilty to one count of handling polychlorinated biphenyl (PCB) waste without the required instruction from the ministry. In 1999, Cohen and Cohen, registered as 3293696, was hired to remove a transformer from a former hospital site that was being demolished in Ottawa. The transformer contents included PCBs. The company transferred the transformer to a storage facility it owned. In early 2004, the contents, including the PCBs, were pumped from the transformer into a waste oil storage tank. Cohen and Cohen hired a local waste management company to transfer the waste to a large tank, contaminating the contents of the second tank with PCBs. Cohen and Cohen should have had instructions from MOE about disposing of the PCB waste before releasing it to the waste management company. It did not have these required instructions. Following an investigation by the ministry's Investigations and Enforcement Branch, charges were laid. Cohen and Cohen pleaded guilty to one count of disposing of, or otherwise managing PCB waste, without written instructions from the ministry, contrary to section 186(1) of the Environmental Protection Act. The company was fined \$5,000, plus a victim fine surcharge. In assessing the fine, the Court took into account the company's explanation that it understood there were no PCBs in the transformer. The Court also took into account that the company paid a consulting engineer \$35,000 to assess its site and paid \$75,000 for site remediation. Justice of the Peace Bernard Swords sentenced Cohen and Cohen on May 26, 2006 in the Ontario Court of Justice in Ottawa.

Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 186(1)
Act/Regulation/Section: EPA- -186(1)
Date of Offence:
Date of Conviction:
Date Charged: 5/26/2007
Charge Disposition: Fine
Fine: \$5,000
Synopsis:

Site: Canada Lands Company CLC Limited
Ottawa ON K1P 5L4

Database:
ECA

Approval No: 6929-A7MRBC
Approval Date: 2016-03-03
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3139-A7HSPY-14.pdf>

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

Site: Canada Lands Company CLC Limited
Ottawa ON K1P 5L4

Database:
ECA

Approval No: 0824-A8CR5H
Approval Date: 2016-04-12
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3815-A72KG2-14.pdf>

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

Site: **Claridge Homes (Rockcliffe Mews) Inc.**
Ottawa ON K2P 0Y6

Database:
ECA

Approval No: 5073-4VFQUZ
Approval Date: 2001-04-03
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Address:
Full Address:
Full PDF Link:

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

Site: **Claridge Homes (Carson) Inc.**
Renaud Rd Ottawa ON K2P 0M6

Database:
ECA

Approval No: 6667-7P8R2K
Approval Date: 2009-02-13
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Renaud Rd
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/0490-7NYR9F-14.pdf>

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

Site: **Claridge Homes (Carson) Inc.**
Ottawa ON K2P 0Y6

Database:
ECA

Approval No: 8741-AU3KP5
Approval Date: 2017-12-20
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/1645-ATXMXA-14.pdf>

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

Site: **Claridge Homes (Rockcliffe Mews) Inc.**
Ottawa ON K2P 0Y6

Database:
ECA

Approval No: 4048-4VFRHS
Approval Date: 2001-04-03
MOE District:
City:

Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/4768-4VEQD2-14.pdf>

Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: Montreal Rd Ottawa ON

Database:
[EHS](#)

Order No: 20080508039
Status: C
Report Type: Custom Report
Report Date: 5/26/2008
Date Received: 5/8/2008
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps And /or Site Plans; Title Search; Aerials Photos

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.619524
Y: 1

Site: DIRECTOR ST LAURENT REGION
NRC MONTREAL RD BLOCK M39 OTTAWA ON

Database:
[EXP](#)

Instance No: 9380021
Instance ID: 385731
Instance Type: FS Facility
Description: Fuels Safety Private Fuel Outlet - Self Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

Site: DIRECTOR ST LAURENT REGION
NRC MONTREAL RD BLOCK M39 OTTAWA ON

Database:
[EXP](#)

Instance No: 10905039
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 12/20/1990

Site: DIRECTOR ST LAURENT REGION
NRC MONTREAL RD BLOCK M39 OTTAWA ON

Database:
[EXP](#)

Instance No: 10905055
Instance ID: 50624
Instance Type: FS Piping
Description: FS Piping
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

Site: DIRECTOR ST LAURENT REGION
NRC MONTREAL RDBLOCK M39 OTTAWA ON NULL

Database:
EXP

Instance No: 10905039
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: Fuels Safety Private Fuel Outlet - Self Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 12/20/1990

Site: NATIONAL RESEARCH COUNCIL OF CANADA
MONTREAL RDBUILDING V-61 OTTAWA ON NULL

Database:
FST

Instance No: 10901702
Cont Name:
Instance Type: FS Liquid Fuel Tank
Fuel Type: Gasoline
Status: Active
Capacity: 13638
Tank Material: Fiberglass (FRP)
Corrosion Protection: Fiberglass
Tank Type: Single Wall UST
Install Year: 1990
Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve
Facility Type: FS Liquid Fuel Tank

Site: NATIONAL RESEARCH COUNCIL CANADA BUILD M 19
MONTREAL RD BUILDING V-61 OTTAWA ON

Database:
FSTH

License Issue Date: 5/17/1991
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--

Status: Active
Year of Installation: 1990
Corrosion Protection:
Capacity: 13638
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Site: NATIONAL RESEARCH COUNCIL CANADA BUILD M 19
MONTREAL RD BUILDING V-61 OTTAWA ON

Database:
FSTH

License Issue Date: 5/17/1991
Tank Status: Licensed
Tank Status As Of: August 2007
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--

Status: Active
Year of Installation: 1990
Corrosion Protection:
Capacity: 13638
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Site: GVT. OF CAN. - PUBLIC WORKS CANADA18-182
MONTREAL RD,BLDG M-23 NRC,CF PHOTO UNIT LAND ENGINEERING TEST ESTABLISHMENT OTTAWA ON

Database:
GEN

Generator No: ON0144713
Status:
Approval Years: 94
Contam. Facility:
MHSW Facility:
SIC Code: 8111
SIC Description: DEFENCE SERVICES

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

Detail(s)

Waste Class: 111
Waste Class Desc: SPENT PICKLE LIQUOR

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 267
Waste Class Desc: ORGANIC ACIDS

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

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

Waste Class: 123
Waste Class Desc: ALKALINE PHOSPHATES

Site: NATIONAL DEFENSE
NRC MONTREAL ROAD, CAMPUS BLDG. M23 CF PHOTO UNIT OTTAWA ON K1A 0M3

Database:
GEN

Generator No: ON0144713
Status:
Approval Years: 92,93,95,96,97
Contam. Facility:
MHSW Facility:
SIC Code: 8111
SIC Description: DEFENCE SERVICES

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

Detail(s)

Waste Class: 111
Waste Class Desc: SPENT PICKLE LIQUOR

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

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

Waste Class: 123
Waste Class Desc: ALKALINE PHOSPHATES

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 267
Waste Class Desc: ORGANIC ACIDS

Site: GVT. OF CAN. - PUBLIC WORKS CANADA
 BLDG. SERVICES-NAT'L DEFENCE, LAND ENG. TEST ESTAB'MT,BLDG.M-23,NRC,MONTR'L RD OTTAWA ON K1A
 0K5

Database:
 GEN

Generator No:	ON0144713	PO Box No:	
Status:		Country:	
Approval Years:	86,87,88,89,90	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	8111		
SIC Description:	DEFENCE SERVICES		

Detail(s)

Waste Class: 111
Waste Class Desc: SPENT PICKLE LIQUOR

Waste Class: 253

Waste Class Desc: EMULSIFIED OILS
Waste Class: 267
Waste Class Desc: ORGANIC ACIDS
Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS
Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS
Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS
Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS
Waste Class: 123
Waste Class Desc: ALKALINE PHOSPHATES
Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES
Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS
Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS
Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Site: PRATT & WHITNEY CANADA INC.
 M10-B, NRC CAMPUS MONTREAL ROAD OTTAWA ON K1A 0R6

Database:
 GEN

Generator No: ON0142801
Status:
Approval Years: 95,96,97,98,99,00,01,02,03,04,05
Contam. Facility:
MHSW Facility:
SIC Code: 3211
SIC Description: AIRCRAFT & PARTS IND.

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

Detail(s)

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS
Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS
Waste Class: 221
Waste Class Desc: LIGHT FUELS
Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS
Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Site: GVT. OF CAN. - NATIONAL DEFENCE
 LETE MONTREAL ROAD OTTAWA ON K1A 0M3

Database:
 GEN

Generator No: ON0046519
Status:
Approval Years: 86,87,88,89,90,92,93,94
Contam. Facility:

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

MHSW Facility: 0000
SIC Code: 0000
SIC Description: *** NOT DEFINED ***

Phone No Admin:

Site: GVT. OF CAN. - NATIONAL DEFENCE
CE PRODUCTION BUILDING 164 CODDS ROAD & VIA VENUS OTTAWA ON K1A 0K8

Database:
GEN

Generator No: ON0046539
Status:
Approval Years: 97
Contam. Facility:
MHSW Facility:
SIC Code: 8111
SIC Description: DEFENCE SERVICES

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

Detail(s)

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

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

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 243
Waste Class Desc: PCB'S

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

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 269
Waste Class Desc: NON-HALOGENATED PESTICIDES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Site: PUBLIC WORKS CANADA - NATIONAL DEFENCE
CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23 OTTAWA ON K1A 0K2

Database:
GEN

Generator No: ON0144713
Status:
Approval Years: 98,99,00,01,02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 8111
SIC Description: DEFENCE SERVICES

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

Detail(s)

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

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 111
Waste Class Desc: SPENT PICKLE LIQUOR

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

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

Waste Class: 123
Waste Class Desc: ALKALINE PHOSPHATES

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 232
Waste Class Desc: POLYMERIC RESINS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 243
Waste Class Desc: PCB'S

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 262
Waste Class Desc: DETERGENTS/SOAPS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 265
Waste Class Desc: GRAPHIC ART WASTES

Waste Class: 267
Waste Class Desc: ORGANIC ACIDS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Site: NATIONAL RESEARCH COUNCIL
 UPLANDS SITE BUILDINGS U61, U62, U66, U89 OTTAWA ON

Database:
 GEN

Generator No:	ON0195803	PO Box No:	
Status:		Country:	
Approval Years:	98,99,00	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	8176		
SIC Description:	RESEARCH ADMIN.		

Detail(s)

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Site: GVT. OF CAN. - NATIONAL RESEARCH
COUNCIL, MONTREAL ROAD COMPLEX BUILDING M-54 OTTAWA ON K1A 0R6

Database:
GEN

Generator No: ON0195801
Status:
Approval Years: 86,87
Contam. Facility:
MHSW Facility:
SIC Code: 8176
SIC Description: RESEARCH ADMIN.
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Site: NATIONAL RESEARCH COUNCIL
MONTREAL ROAD CAMPUS MONTREAL ROAD OTTAWA ON K1A 0R6

Database:
GEN

Generator No: ON0195801
Status:
Approval Years: 98
Contam. Facility:
MHSW Facility:
SIC Code: 8176
SIC Description: RESEARCH ADMIN.
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

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

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 243
Waste Class Desc: PCB'S

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

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 262
Waste Class Desc: DETERGENTS/SOAPS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 268
Waste Class Desc: AMINES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Site: NATIONAL RESEARCH COUNCIL 18-109
 PUBLIC WORKS CANADA ENV. SERVICES CFB OTTAWA BUILDINGS U61, U62, U66 OTTAWA ON

Database:
 GEN

Generator No: ON0195803
Status:
Approval Years: 92,93,94,95,96,97
Contam. Facility:

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

MHSW Facility: 8176 **Phone No Admin:**
SIC Code: RESEARCH ADMIN.
SIC Description:

Detail(s)

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Site: NATIONAL RESEARCH COUNCIL
UPLANDS SITE NRC LABORATORY BLDGS. U61, U62, U66 OTTAWA ON

Database:
GEN

Generator No: ON0195803 **PO Box No:**
Status: **Country:**
Approval Years: 01,02,03,04,05,07,08 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code: 8176
SIC Description: RESEARCH ADMIN.

Detail(s)

Waste Class: 143
Waste Class Desc: STEEL MAKING RESIDUES

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

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

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

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Site: **SPIC & SPAN-VALETOR-CASH CLEANERS**
MONTERAL SQUARE, MONTREAL ROAD C/O 1764 WOODWARD DRIVE OTTAWA ON K2C 0P8

Database:
GEN

Generator No:	ON0573407	PO Box No:	
Status:		Country:	
Approval Years:	86,87,88,89,90	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	9721		
SIC Description:	POWER LAUND./CLEANERS		

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Site: **SPIC & SPAN-VALETOR-CASH CLEANERS 35-136**
MONTERAL SQUARE, MONTREAL ROAD C/O 1764 WOODWARD DRIVE OTTAWA ON K2C 0P8

Database:
GEN

Generator No:	ON0573407	PO Box No:	
Status:		Country:	
Approval Years:	92,93,94,95,96,97,98	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	9721		
SIC Description:	POWER LAUND./CLEANER		

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Site: NATIONAL ARCHIVES OF CANADA
Codd's Road C.F.B. Ottawa North Ottawa ON K1A 0N3

Database:
GEN

Generator No: ON0757004
Status:
Approval Years: 02,03,04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Site: NATIONAL RESEARCH COUNCIL
Building U-61 Ottawa ON K1A 0R6

Database:
GEN

Generator No: ON5272025
Status:
Approval Years: 02,03,04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Site: PRATT & WHITNEY CANADA INC.
M11, NRC Campus Montreal Road Ottawa ON

Database:
GEN

Generator No: ON0142801
Status:
Approval Years: 06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 336410
SIC Description: Aerospace Product and Parts Manufacturing

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

Detail(s)

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Site: LIBRARY AND ARCHIVES CANADA
Codd's Road C.F.B. Ottawa North Ottawa ON

Database:
GEN

Generator No: ON0757004
PO Box No:

Status:
Approval Years: 06
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Site: NATIONAL RESEARCH COUNCIL
UPLANDS SITE NRC LABORATORY BLDGS. U61, U62, U66 OTTAWA ON

Database:
GEN

Generator No: ON0195803
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 541710, 541380
SIC Description: Research and Development in the Physical Engineering and Life Sciences, Testing Laboratories

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

Detail(s)

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

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Site: PUBLIC WORKS CANADA - NATIONAL DEFENCE
CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23 OTTAWA ON

Database:
GEN

Generator No: ON0144713
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 911110
SIC Description: Defence Services

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

Detail(s)

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 243
Waste Class Desc: PCBS

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

Waste Class: 262
Waste Class Desc: DETERGENTS/SOAPS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Site: PUBLIC WORKS CANADA - NATIONAL DEFENCE
CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23 OTTAWA ON

Database:
GEN

Generator No: ON0144713
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 911110
SIC Description: Defence Services

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

Detail(s)

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 262
Waste Class Desc: DETERGENTS/SOAPS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Site: NATIONAL RESEARCH COUNCIL
UPLANDS SITE NRC LABORATORY BLDGS. U61, U62, U66 OTTAWA ON

Database:
GEN

Generator No: ON0195803
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 541710, 541380
SIC Description: Research and Development in the Physical Engineering and Life Sciences, Testing Laboratories

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263

Waste Class Desc: ORGANIC LABORATORY CHEMICALS
Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES
Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS
Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS
Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS
Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES
Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES
Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS
Waste Class: 253
Waste Class Desc: EMULSIFIED OILS
Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS
Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Site: *Library and Archives Canada*
Codd's Road C.F.B. Ottawa North Ottawa ON

Database:
GEN

Generator No:	ON3964387	PO Box No:	
Status:		Country:	
Approval Years:	2011	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	911311		
SIC Description:			

Site: *PUBLIC WORKS CANADA - NATIONAL DEFENCE*
CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23 OTTAWA ON

Database:
GEN

Generator No:	ON0144713	PO Box No:	
Status:		Country:	
Approval Years:	2011	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	911110		
SIC Description:	Defence Services		

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS
Waste Class: 243
Waste Class Desc: PCBS
Waste Class: 262
Waste Class Desc: DETERGENTS/SOAPS
Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

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

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Site: *City of Ottawa*
Montreal Road from Hwy 174 to Ogilvie (including R Ottawa ON

Database:
GEN

Generator No: ON7209780
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 237110
SIC Description: WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Site: *PUBLIC WORKS CANADA - NATIONAL DEFENCE*
CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23 OTTAWA ON

Database:
GEN

Generator No: ON0144713
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 911110
SIC Description:

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

Detail(s)

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 262
Waste Class Desc: DETERGENTS/SOAPS

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Site: Canada Lands Company
Codd's Road Ottawa ON

Database:
GEN

Generator No:	ON8567328	PO Box No:	
Status:		Country:	
Approval Years:	2013	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	911910		
SIC Description:			

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 243
Waste Class Desc: PCBS

Site: Canada Lands Company CLC Limited
Codd's Road Ottawa ON K1K 2G7

Database:
GEN

Generator No:	ON8567328	PO Box No:	
Status:		Country:	Canada
Approval Years:	2015	Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No	Co Admin:	Eric Sly
MHSW Facility:	No	Phone No Admin:	613-748-1415 Ext.244
SIC Code:	911910		

SIC Description: 911910

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Site: **Canada Lands Company CLC Limited**
Codd's Road Ottawa ON K1K 2G7

Database:
GEN

Generator No: ON8567328
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 911910
SIC Description: 911910

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Andrew Naoum
Phone No Admin: 613-748-1415 Ext.275

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 243
Waste Class Desc: PCBS

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

Site: **PUBLIC WORKS CANADA - NATIONAL DEFENCE**
CF PHOTO UNIT NRC MONTREAL ROAD, CAMPUS BLDG. M23 OTTAWA ON K1A 0K2

Database:
GEN

Generator No: ON0144713
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 911110
SIC Description: Defence Services

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

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 262
Waste Class Desc: DETERGENTS/SOAPS

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Site: **Canada Lands Company CLC Limited**
Codd's Road Ottawa ON K1K 2G7

Database:
GEN

Generator No: ON8567328
Status: Registered
Approval Years: As of Oct 2019
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: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 221 L
Waste Class Desc: Light fuels

Site: **Canada Lands Company CLC Limited**
Codd's Road Ottawa ON K1K 2G7

Database:
GEN

Generator No: ON8567328
Status: Registered
Approval Years: As of Dec 2018
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: 221 L
Waste Class Desc: Light fuels

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

Site: Canada Lands Company
Codd's Road Ottawa ON K1K 2G7

Database:
GEN

Generator No: ON8567328
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 911910
SIC Description: 911910

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Eric Sly
Phone No Admin: 613-748-1415 Ext.244

Detail(s)

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Site: NATIONAL RESEARCH COUNCIL
BUILDING-19/ASPM MONTREAL ROAD OTTAWA ON K1A 0R6

Database:
NPCB

Company Code: O3164
Industry: NATIONAL RESEARCH COUNCIL
Site Status: ITEMS SENT TO SWAN HILLS
Transaction Date: 11/10/1996
Inspection Date:

Site: NATIONAL RESEARCH COUNCIL
MONTREAL ROAD LABS AS. P. M. MONTREAL ROAD OTTAWA ON K1A 0R6

Database:
NPCB

Company Code: O3138A
Industry: NATIONAL RESEARCH COUNCIL
Site Status: FEDERAL FACILITIES (IN USE)
Transaction Date: 2/16/1993
Inspection Date:

--Details--

Label: OR24169
Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-36
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Label: OR44331
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 4.5 L

Label: OR44332
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL

Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 4.5 L

Label: OR44333
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 4.5 L

Label: OR44334
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 4.5 L

Label: OR44335
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 4.5 L

Label: OR44336
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 4.5 L

Label: OR24162
Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-55
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Label: OR24163
Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-55
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Label: OR24164
Serial No.:

PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-35
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Label: OR24165

Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-35
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Label: OR24166

Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-36
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Label: OR24172

Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location:
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 803 L

Label: OR24170

Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-36
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Label: OR24167

Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-36
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Label: OR24168

Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location: BLDG. M-36
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer: WESTINGHOUSE
Status: IN-USE
Contents: 803 L

Site: NATIONAL RESEARCH COUNCIL
BLDG.M19. MONTREAL RD. LABS A.S.P.M. MONTREAL RD OTTAWA ON K1A 0R6

Database:
NPCB

Company Code: O3138
Industry: NATIONAL RESEARCH COUNCIL
Site Status: ITEMS SENT TO SWAN HILLS
Transaction Date: 6/15/1999
Inspection Date: 5/5/1993

--Details--

Label: OR14394
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR FUTURE USE
Contents: 6.6 L

Label: OR14352
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 6.6 L

Label: OR14356
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 6.6 L

Label: OR14396
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR FUTURE USE
Contents: 6.6 L

Label: OR14397
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR FUTURE USE
Contents: 6.6 L

Label: OR14398
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:

Status: STORED FOR FUTURE USE
Contents: 4.5 L

Label: OR14399
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR FUTURE USE
Contents: 4.5 L

Label: OR14401
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR FUTURE USE
Contents: 4.5 L

Label: OR14353
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 6.6 L

Label: OR14354
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 6.6 L

Label: OR14351
Serial No.: Pallet 1
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR DISPOSAL
Contents: 4.5 L

Site: NATIONAL RESEARCH COUNCIL CANADA
 BUILDING M-51 MONTREAL ROAD OTTAWA ON

Database:
 OPCB

Year: 1992
Site Number: 40288A242
Name Owner:
Additional Site Information:

Site: NATIONAL RESEARCH COUNCIL CANADA BUILD M 19
 UPLANDS BUILDING UPLANDS CAMPU OTTAWA ON

Database:
 PRT

Location ID: 11130
Type: private

Expiry Date:
Capacity (L): 90920.00
Licence #: 0001041613

Site: NATIONAL RESEARCH COUNCIL CANADA BUILD M 19
U-62 BUILDING MONTREAL OTTAWA ON

Database:
PRT

Location ID: 204
Type: retail
Expiry Date:
Capacity (L): 2273
Licence #: 0001041664

Site: NATIONAL RESEARCH COUNCIL CANADA BUILD M 19
U-62 BUILDING MONTREAL OTTAWA ON

Database:
PRT

Location ID: 204
Type: private
Expiry Date:
Capacity (L): 4546.00
Licence #: 0001041633

Site: NATIONAL RESEARCH COUNCIL CANADA BUILD M 19
RAILWAY DYNAMICS UPLANDS CAMPU OTTAWA ON

Database:
PRT

Location ID: 11054
Type: private
Expiry Date:
Capacity (L): 9092.00
Licence #: 0001051734

Site: NATIONAL RESEARCH COUNCIL CANADA BUILD M 19
MONTREAL RD BUILDING V-61 OTTAWA ON

Database:
PRT

Location ID: 10892
Type: private
Expiry Date:
Capacity (L): 13638.00
Licence #: 0001041623

Site: DIRECTOR ST LAURENT REGION
NRC MONTREAL RD BLOCK M39 OTTAWA ON

Database:
PRT

Location ID: 11025
Type: private
Expiry Date:
Capacity (L): 4500.00
Licence #: 0001048775

Site: NATIONAL RESEARCH COUNCIL CANADA BUILD M 19
BUILDING M-14 OTTAWA ON

Database:
PRT

Location ID: 10891
Type: private
Expiry Date:
Capacity (L): 4546.00
Licence #: 0001063384

Site: Canada Lands Company CLC Limited
Ottawa Front Ponds Lot: 20,22,23,24,25, Concession: 1 (Ottawa Front), Geographic Township: Gloucester, City of
Ottawa, CITY OF OTTAWA Gloucester ON

Database:
PTTW

EBR Registry No: 012-5737
Ministry Ref No: 4003-A47QUN
Notice Type: Instrument Decision
Notice Stage:
Notice Date: April 07, 2016
Proposal Date: November 13, 2015
Year: 2015
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Canada Lands Company CLC Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 30 Metcalfe Street, Suite 601, Ottawa Ontario, Canada K1P 5L4
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Ottawa Front Ponds Lot: 20,22,23,24,25, Concession: 1 (Ottawa Front), Geographic Township: Gloucester, City of Ottawa, CITY OF OTTAWA
Gloucester

Site: NATIONAL RESEARCH COUNCIL
STORAGE BUILDING M-26 A,B,C,D OTTAWA ON

Database:
REC

Rec Op Div:
Co Admin:
Phone No Admin:
Rec Div:
Rec Op Name:
Choice of Contact:
Site Bldg:
Site PO Box:
Receiver #: RRPCB1200
Facility Type: TRANSFER STATION
Approval Yrs: 95,96,97,98,99,00,01,02,06,07,08

--Details--

Waste Code: 243
Waste Description: PCB'S

Site: CLARIDGE HOMES (CARSON) INC.
No Municipal Address Ottawa ON

Database:
RSC

RSC ID: 223098
RA No:
RSC Type: Phase 1 and 2 RSC
Curr Property Use: Agricultural/Other
Ministry District: Ottawa District Office
Filing Date: 2017/03/24
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect
1686:
Asmt Roll No: 061460021514215
Prop ID No (PIN): 04352-2076 (LT),

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

04352-2077 (LT),
 04352-2075 (LT)
Property Municipal Address: No Municipal Address
Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant:
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76631&fileName=BROWNFIELDS-E.pdf>

Document(s) Detail

Document Heading: Supporting Documents
Document Name: Table of Current and Past Uses.pdf
Document Type: Table of Current and Past Property Use
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76636&fileName=Table+of+Current+and+Past+Uses.pdf>

Document Heading: Supporting Documents
Document Name: APECTable.pdf
Document Type: Area(s) of Potential Environmental Concern
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=78676&fileName=APECTable.pdf>

Document Heading: Supporting Documents
Document Name: Transfer.pdf
Document Type: Copy of any deed(s), transfer(s) or other document(s)
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=78674&fileName=Transfer.pdf>

Document Heading: Supporting Documents
Document Name: certificatestatus.pdf
Document Type: Certificate of Status
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76632&fileName=certificatestatus.pdf>

Document Heading: Supporting Documents
Document Name: Plan of Survey - January 2017.pdf
Document Type: A Current plan of Survey
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76633&fileName=Plan+of+Survey+-+January+2017.pdf>

Document Heading: Supporting Documents
Document Name: LawyersLetter.pdf
Document Type: Lawyer's letter consisting of a legal description of the property
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=78675&fileName=LawyersLetter.pdf>

Document Heading: Supporting Documents
Document Name: Phase II CSM Feb 2017.pdf
Document Type: Phase 2 Conceptual Site Model
Document Link: <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76638&fileName=Phase+II+CSM+Feb+2017.pdf>

Site: Part Lot 23, Township of Gloucester Ottawa ON

Database:
 RSC

RSC ID:
RA No:
RSC Type:
Curr Property Use:
Ministry District: Ottawa
Filing Date: 07/05/01
Date Ack:
Date Returned: 07/23/01

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

Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect
1686:
Asmt Roll No:
Prop ID No (PIN):
Property Municipal Address:
Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant: DST Consulting Engineers Inc.
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF:

Telephone:
Fax:
Email:

Site: Part Lot 23 Ottawa ON

Database:
RSC

RSC ID:
RA No:
RSC Type:
Curr Property Use:
Ministry District: Ottawa
Filing Date: 07/05/01
Date Ack: 08/14/01
Date Returned:
Restoration Type: Generic
Soil Type: Medium/Fine
Criteria: Res/parkland + Nonpotable
CPU Issued Sect
1686:
Asmt Roll No:
Prop ID No (PIN):
Property Municipal Address:
Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant: DST Consulting Engineers Inc.
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):
Entire Leg Prop. (Y/N):
Accuracy Estimate:
Telephone:
Fax:
Email:

Site: Dan Wright Equipment Rentals Ltd.
Montreal Road (East of Hwy 174) Ottawa ON

Database:
SPL

Ref No: 2712-7X7NMY
Site No:
Incident Dt:
Year:
Incident Cause: Other Discharges
Incident Event:
Contaminant Code: 44
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Other Impact(s); Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/26/2009
Dt Document Closed:
Incident Reason:

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

Site Name: Leaky Sewage Truck<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Manotick Pumping: 1000 gallons Raw Sewage to Ditch, cln
Contaminant Qty: 3800 L

Site: PAUL'S BACKHOE SERVICE
 HWY 34 NORTH 5 - 5.5 MILES NORTH OF HWY 417 EAST 333 CHAMPLAIN ST., HAWKESBURY, ONT. OTTAWA
 CITY ON

Database:
 SPL

Ref No:	224046	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	4/15/2002	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	UNKNOWN	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	20107
Nature of Impact:	Soil contamination	Site Lot:	
Receiving Medium:	LAND / WATER	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	4/15/2002	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	PAUL'S BACKHOE SERVICE SPILL UNKNOWN VOL OF GAS & WATER, CONTAINED		
Contaminant Qty:			

Site: lot 22 ON

Database:
 WWIS

Well ID:	1527659	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	2/25/1994
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1517
Casing Material:		Form Version:	1
Audit No:	116662	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	022
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10049286	Elevation:	
DP2BR:	24	Elevrc:	
Spatial Status:		Zone:	18

Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 11/27/1993
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931067346
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3: 12
Other Materials: STONES
Formation Top Depth: 0
Formation End Depth: 24
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931067347
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3: 73
Other Materials: HARD
Formation Top Depth: 24
Formation End Depth: 75
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933112609
Layer: 1
Plug From: 0
Plug To: 23
Plug Depth UOM: ft

Method of Construction & Well
Use

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

Pipe Information

Pipe ID: 10597856
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086095
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 27
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991527659
Pump Set At:
Static Level: 22
Final Level After Pumping: 30
Recommended Pump Depth: 50
Pumping Rate: 30
Flowing Rate:
Recommended Pump Rate: 10
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934655860
Test Type: Draw Down
Test Duration: 45
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386113
Test Type: Draw Down
Test Duration: 30
Test Level: 28
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111297
Test Type: Draw Down
Test Duration: 15
Test Level: 25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904231

Test Type: Draw Down
Test Duration: 60
Test Level: 30
Test Level UOM: ft

Water Details

Water ID: 933487180
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60
Water Found Depth UOM: ft

Site: lot 23 ON

Database:
WWIS

Well ID: 1520631
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
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: 8/12/1986
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 023
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042473
DP2BR: 19
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 5/5/1986
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931045364
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:

Other Materials:

Mat3:

Other Materials:

Formation Top Depth: 0
Formation End Depth: 15
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931045365
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 15
Formation End Depth: 19
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931045366
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 19
Formation End Depth: 63
Formation End Depth UOM: ft

Method of Construction & Well

Use

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

Pipe Information

Pipe ID: 10591043
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930074135
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6

Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930074136
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991520631
Pump Set At:
Static Level: 10
Final Level After Pumping: 30
Recommended Pump Depth: 30
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 10
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: N

Draw Down & Recovery

Pump Test Detail ID: 934112517
Test Type:
Test Duration: 15
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907164
Test Type:
Test Duration: 60
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648403
Test Type:
Test Duration: 45
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387380
Test Type:
Test Duration: 30
Test Level: 30

Test Level UOM: ft

Water Details

Water ID: 933477931
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 58
Water Found Depth UOM: ft

Water Details

Water ID: 933477930
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40
Water Found Depth UOM: ft

Site:
lot 22 ON

Database:
WWIS

Well ID: 1521468
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 04608
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: 7/6/1987
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 022
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043290
DP2BR: 56
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 4/30/1987
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: 931048154
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 17
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931048158
Layer: 5
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 56
Formation End Depth: 125
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931048155
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 17
Formation End Depth: 35
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931048157
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 50
Formation End Depth: 56
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931048156
Layer: 3
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 35
Formation End Depth: 50
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID: 10591860
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075597
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 59
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930075598
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 125
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521468
Pump Set At:
Static Level: 15
Final Level After Pumping: 35
Recommended Pump Depth: 60
Pumping Rate: 10
Flowing Rate:

Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934651778
Test Type: Draw Down
Test Duration: 45
Test Level: 35
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106534
Test Type: Draw Down
Test Duration: 15
Test Level: 35
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390634
Test Type: Draw Down
Test Duration: 30
Test Level: 35
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908869
Test Type: Draw Down
Test Duration: 60
Test Level: 35
Test Level UOM: ft

Water Details

Water ID: 933479044
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 122
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Sep 2019

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Jan 31, 2020

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Feb 28, 2017

Chemical Register:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 - Feb 2020

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Dec 2019

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-May 31, 2020

Drill Hole Database:

Provincial DRL

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

Government Publication Date: 1886 - Sep 2019

Environmental Activity and Sector Registry:

Provincial [EASR](#)

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

Government Publication Date: Oct 2011-May 31, 2020

Environmental Registry:

Provincial [EBR](#)

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

Government Publication Date: 1994-May 31, 2020

Environmental Compliance Approval:

Provincial [ECA](#)

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

Government Publication Date: Oct 2011-May 31, 2020

Environmental Effects Monitoring:

Federal [EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

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

Government Publication Date: 1999-Apr 30, 2020

Environmental Issues Inventory System:

Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial [EMHE](#)

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial [EPAR](#)

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2019

List of Expired Fuels Safety Facilities:

Provincial EXP

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

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

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal FCS

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

Government Publication Date: Jun 2000-Apr 2020

Fisheries & Oceans Fuel Tanks:

Federal FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial FST

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

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial GEN

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

Government Publication Date: 1986-Jan 31, 2020

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Jan 2020

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Mar 31, 2020

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

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

Government Publication Date: 1988-Feb 29, 2020

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The 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 2019

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders:

Provincial

[ORD](#)

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

Government Publication Date: 1994-May 31, 2020

Canadian Pulp and Paper:

Private

[PAP](#)

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks:

Federal

[PCFT](#)

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

[PES](#)

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: 1988 - May 2020

Pipeline Incidents:

Provincial

[PINC](#)

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

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial

[PRT](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

[PTTW](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994-May 31, 2020

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial RSC

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-May 2020

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-Jan 31, 2020

Scott's Manufacturing Directory:

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Nov 2019

Wastewater Discharger Registration Database:

Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970-Aug 2018

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-May 31, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Feb 28, 2019

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

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

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



Property Information

Order Number: 20200626198p
 Date Completed: June 30, 2020
 Project Number: MM2320
 Project Property: 971 Montreal Road
 971 Montreal Road Ottawa ON K1K 0S6
 Coordinates:
 Latitude: 45.44749684
 Longitude: -75.62715676
 UTM Northing: 5032854.85932 Metres
 UTM Easting: 450956.744485 Metres
 UTM Zone: UTM Zone 18T
 Elevation: 101.93 m
 Slope Direction: N

Property Information.....1
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 Hydrologic Information.....4
 Geologic Information.....5
 Soil Information.....11
 Wells and Additional Sources.....13
 Report Summary.....14
 Detail Report.....15
 Radon Information.....46
 Area of Natural and Scientific Interest.....47
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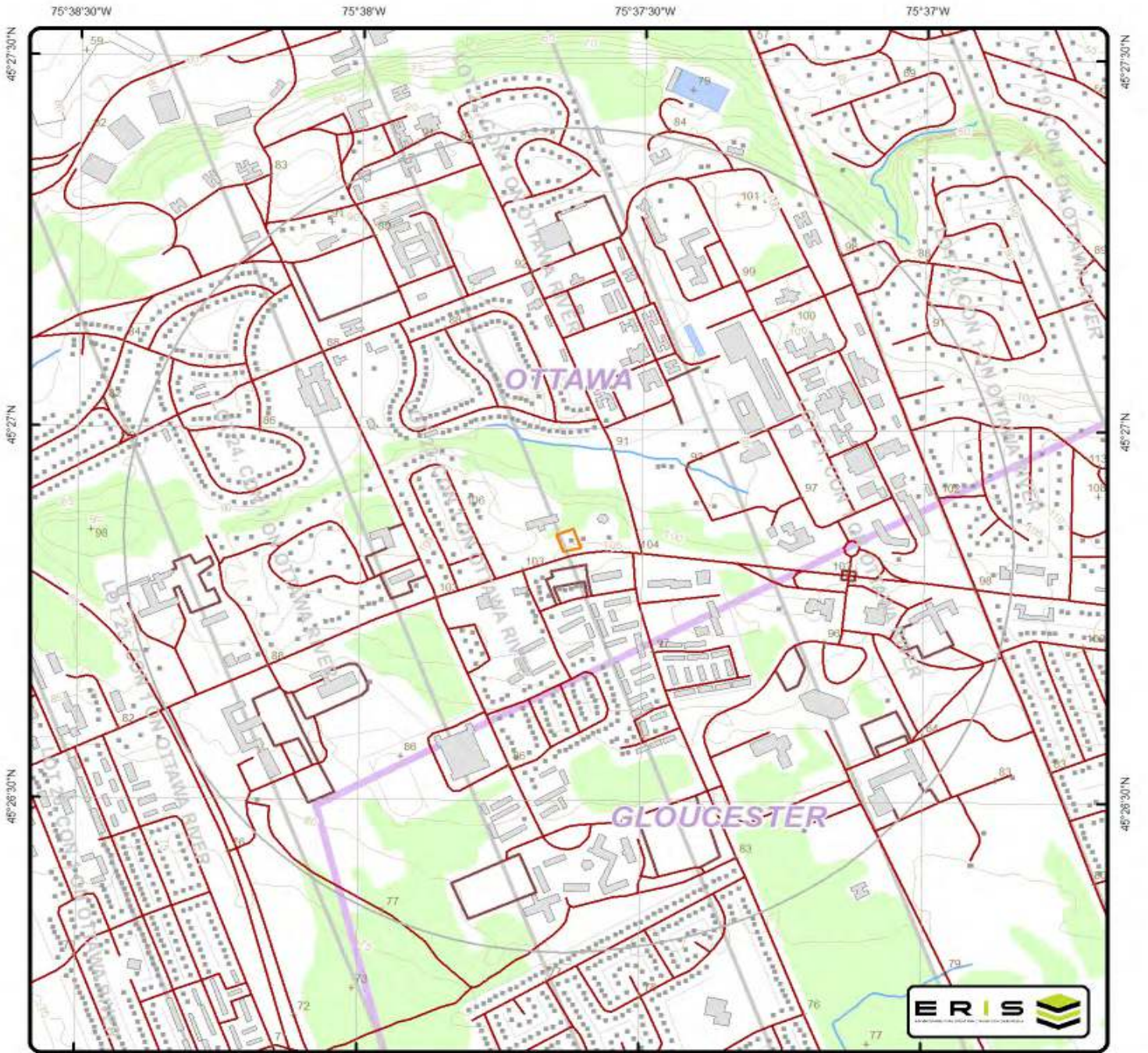
The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography as well as hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Topographic Map

Address: 971 Montreal Road, Ottawa, ON



+	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		

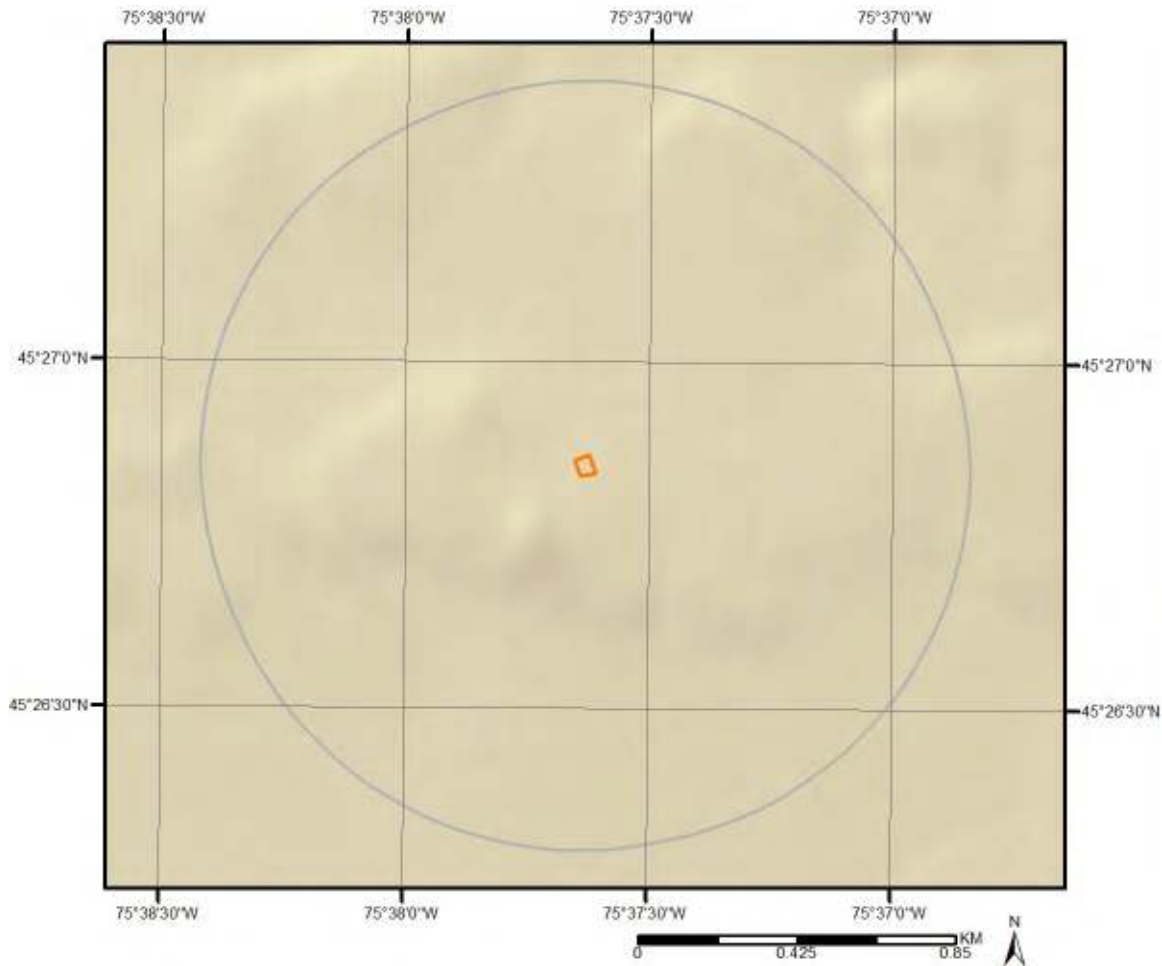
Data source: Ontario Base Mapping (OBM) by Ontario Ministry of Natural Resources.

Topographic Information

The previous topographic map(s) show general topographic information in the surrounding area of the project property, using Toporama data or a provincial source when available. Below are shaded relief map(s), derived from Digital Elevation data to depict terrain in further detail.

Topographic information at project property:

Elevation: 101.93 m
Slope Direction: N



Hydrologic Information



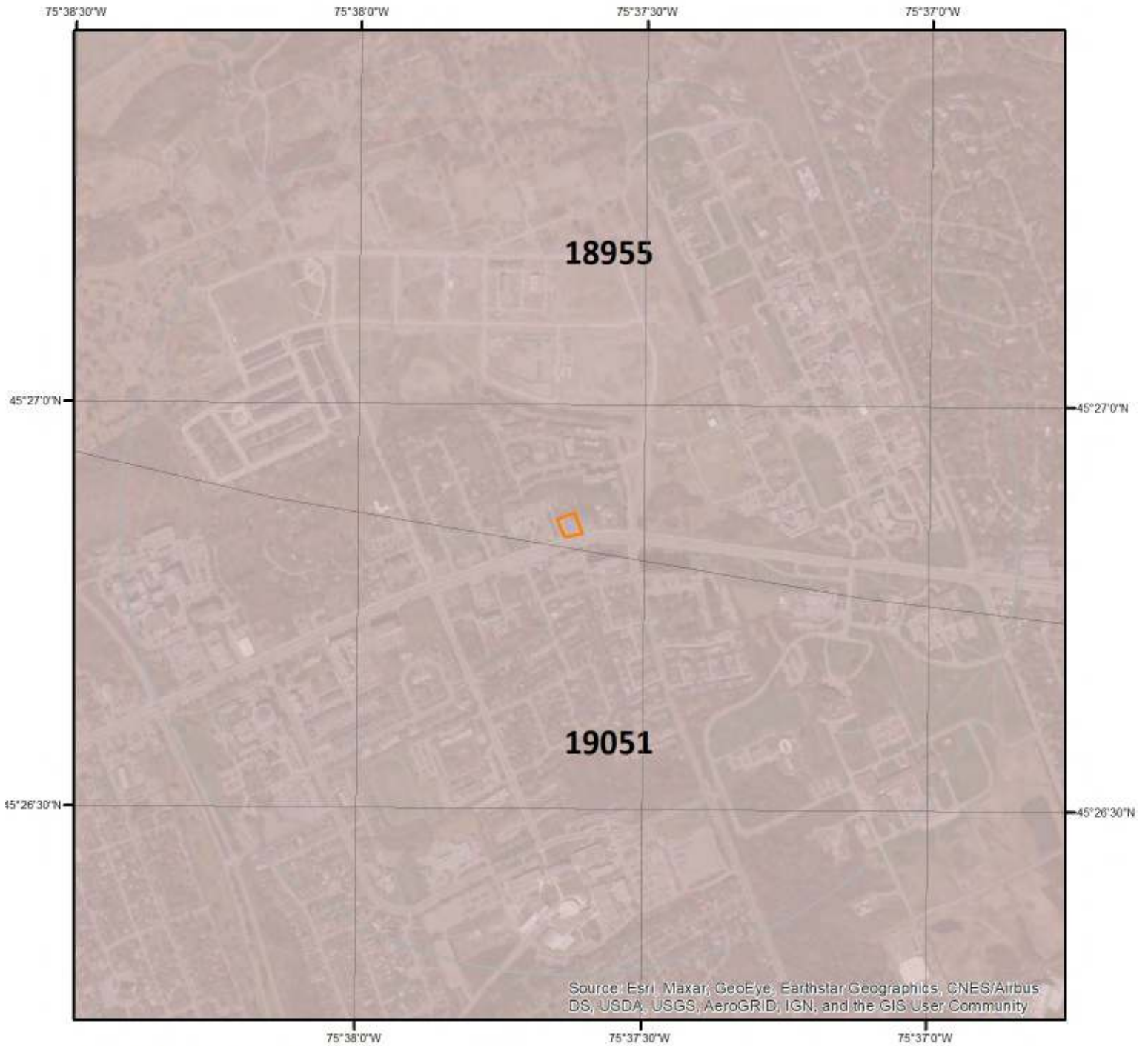
Wetland

This map shows wetland existence. Data coverage is shown to the right. Gray indicates no data available in the area.

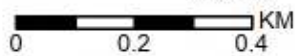
- Marsh
- Swamp



Geologic Information



Bedrock Geology



This map shows bedrock geologic units in the area. Please refer to the report for detailed descriptions. Data coverage is shown to the right. Gray indicates no data available in the area.

Geologic Information

Detailed bedrock geology information about each unit within the search radius is provided below.

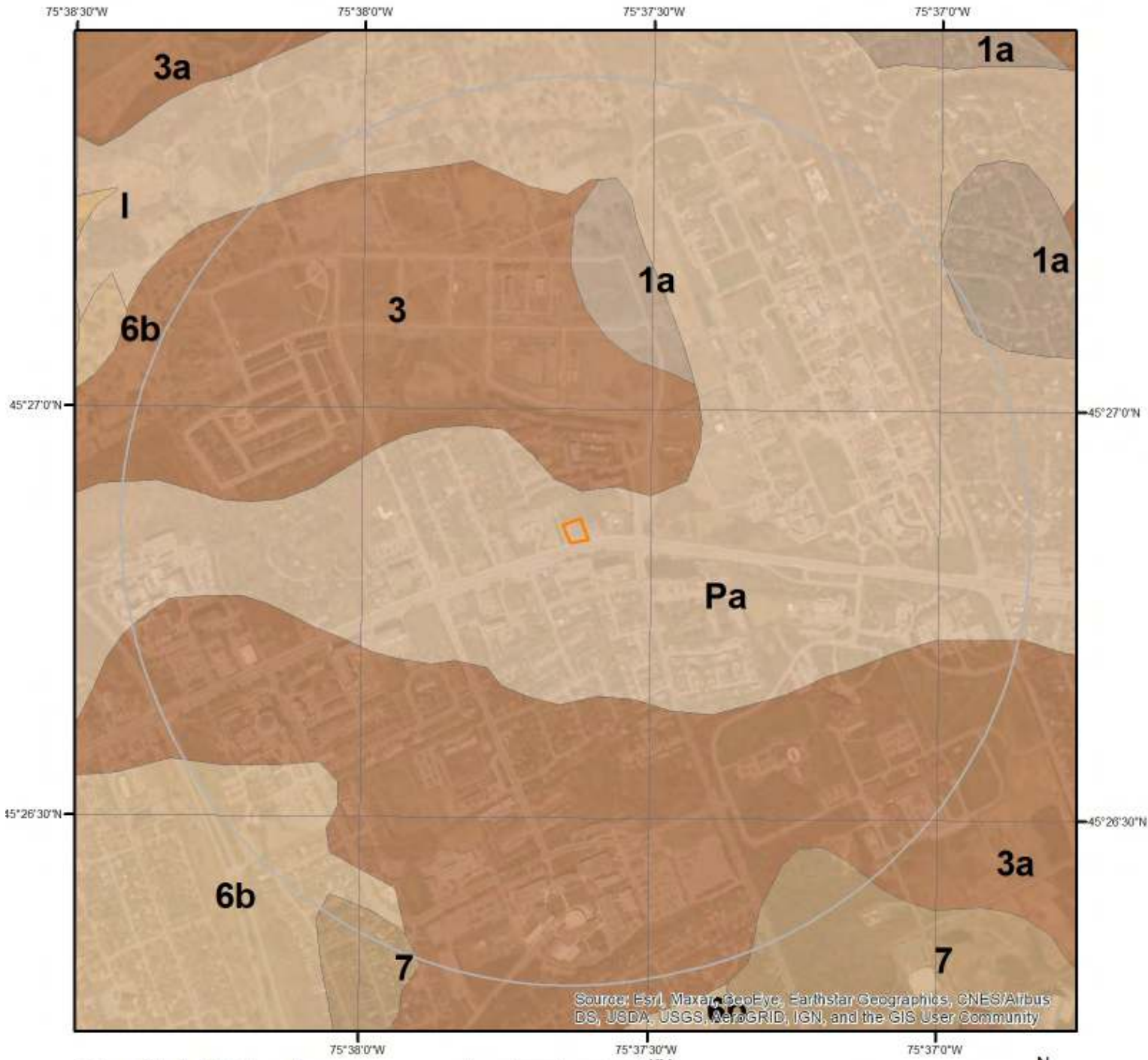
Unit ID 18955

Unit Name:
Rock Type: Limestone, dolostone, shale, arkose, sandstone
Strata: Ottawa Group; Simcoe Group; Shadow Lake Formation
Super Eon:
Eon: PHANEROZOIC (Present to 542.0 Ma)
Era: PALEOZOIC (251.0 Ma to 542.0 Ma)
Period: ORDOVICIAN (443.7 Ma to 488.3 Ma)
Epoch: MIDDLE ORDOVICIAN (now considered UPPER DEVONIAN)
Province:
Tectonic Zone:

Unit ID 19051

Unit Name:
Rock Type: Shale, limestone, dolostone, siltstone
Strata: Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Member; Eastview Member
Super Eon:
Eon: PHANEROZOIC (Present to 542.0 Ma)
Era: PALEOZOIC (251.0 Ma to 542.0 Ma)
Period: ORDOVICIAN (443.7 Ma to 488.3 Ma)
Epoch: UPPER ORDOVICIAN
Province:
Tectonic Zone:

Geologic Information



Surficial Geology

This map shows surficial geologic labels in the area. Please refer to the report for detailed descriptions. Data coverage is shown to the right. Gray indicates no data available in the area.



Geologic Information

Detailed surficial geology information about each unit within the search radius is provided below.

Unit ID Pa

Geological Deposit:	Bedrock
Deposit Age:	Paleozoic
Primary Material:	Paleozoic Bedrock
Secondary Material:	
Primary General:	
Primary General Modifier:	
Veneer:	clay, silt, sand, gravel, diamicton
Episode:	
Sub Episode:	
Strata Modifier:	Surface
Provenance:	
Carbon Content:	
Formation:	
Permeability:	Variable
Material Description:	Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

Unit ID 3a

Geological Deposit:	Offshore marine deposits
Deposit Age:	Quaternary (Champlain Sea)
Primary Material:	clay, silt
Secondary Material:	
Primary General:	glaciomarine
Primary General Modifier:	foreshore/basinal
Veneer:	silt, sand
Episode:	Wisconsin
Sub Episode:	Michigan
Strata Modifier:	Surface
Provenance:	
Carbon Content:	
Formation:	
Permeability:	Low
Material Description:	Clay and silt underlying erosional terraces; upper part of marine deposits removed to variable depths by fluvial erosion so in places clay is uniform blue-grey; unit includes lenses, bars and channel fills to sand and pockets of nonmarine silt that were formed during terrace (or channel) cutting.

Unit ID 1a

Geological Deposit:	Till
Deposit Age:	Quaternary

Geologic Information

Primary Material:	diamicton
Secondary Material:	
Primary General:	glacial
Primary General Modifier:	
Veneer:	
Episode:	Wisconsin
Sub Episode:	Michigan
Strata Modifier:	Surface
Provenance:	N-NE
Carbon Content:	
Formation:	Undifferentiated silty-sandy till on Paleozoic terrain
Permeability:	Low-Medium
Material Description:	Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a discontinuous lag consisting of gravel, sand and boulders

Unit ID 3

Geological Deposit:	Offshore marine deposits
Deposit Age:	Quaternary (Champlain Sea)
Primary Material:	clay, silt
Secondary Material:	sand
Primary General:	glaciomarine
Primary General Modifier:	foreshore/basinal
Veneer:	
Episode:	Wisconsin
Sub Episode:	Michigan
Strata Modifier:	Surface
Provenance:	
Carbon Content:	
Formation:	
Permeability:	Low
Material Description:	Clay, silty clay and silt, commonly calcareous and fossiliferous; locally overlain by thin sands. Upper parts are generally mottled or laminated reddish brown and bluish grey and may contain lenses and pockets of sand, but at depth the clay is uniform and blue-grey.

Unit ID 6b

Geological Deposit:	Alluvial deposits
Deposit Age:	Recent
Primary Material:	sand
Secondary Material:	silt
Primary General:	fluvial
Primary General Modifier:	abandoned floodplain
Veneer:	
Episode:	Hudson
Sub Episode:	
Strata Modifier:	Surface

Geologic Information

Provenance:
Carbon Content:
Formation:
Permeability: Variable
Material Description: Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.

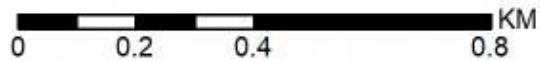
Unit ID 7

Geological Deposit: Organic deposits
Deposit Age: Recent
Primary Material: organic deposits
Secondary Material:
Primary General: wetland
Primary General Modifier:
Veneer:
Episode: Hudson
Sub Episode:
Strata Modifier: Surface
Provenance:
Carbon Content:
Formation:
Permeability: High
Material Description: Mainly muck and peat in bogs, fens, swamps and poorly drained areas.

Soil Information



Soil Map



This map shows soil units around the target property. Please refer to the report for detailed soil descriptions.

Soil Information

Detailed soil information about each unit within the search radius is provided below.

Ontario Detailed Soil Survey (DSS3)

Polygon ID: OND401072947

Component

Component ID:	OND40107294701	Components(%):	100
Soil Name ID:	ONZUN~~~~~N	Slope Steepness(%):	Unknown or Not applicable
Component No:	1	Slope Length(m):	-9
Surface Stoniness Class:	Not Applicable		

Component Rating

Field Crops Capability:

First CLI Limitation

Subclass:

Second CLI Limitation

Subclass:

Drainage: Not Applicable

Soil Texture of A

Horizon:

Hydrological Soil

Groups:

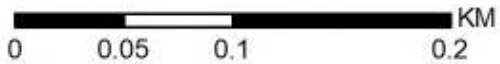
Soil Name

Soil Name:	UNCLASSIFIED
Kind of Surface Material:	Unclassified
Soil Drainage Class:	Not applicable
Water Table	Unspecified period
Charateristics:	
Layer that Restricts Root Growth:	No root restricting layer
Type of Root Restricting Layer:	n/a
Parent Material 1, 2, 3:	Not Applicable; Not Applicable; Not Applicable
Mode of Deposition 1,2,3:	Not Applicable; Not Applicable; Not Applicable
Parent Material Chemical Property 1,2,3:	Not Applicable; Not Applicable; Not Applicable

Wells and Additional Sources



Wells & Additional Sources



- | | |
|--|--|
|  Project Property |  Buffer |
|  Buffer |  Sites with Higher Elevation |
|  Buffer |  Sites with Same Elevation |
|  Buffer |  Sites with Lower Elevation |
|  Buffer |  Sites with Unknown Elevation |



Wells and Additional Sources Summary

Federal Sources

National Energy Board Wells

Map Key	ID	Distance (m)	Direction
No records found			

Provincial Sources

Ontario Oil and Gas Wells

Map Key	ID	Distance (m)	Direction
No records found			

Provincial Groundwater Monitoring Network

Map Key	ID	Distance (m)	Direction
No records found			

Water Well Information System

Map Key	Well ID	Distance (m)	Direction
1	1508907	27.99	W
2	1511856	55.24	ENE
3	1508537	65.74	NE
3	1508538	65.74	NE
4	1508535	126.89	SW
5	1508200	128.33	SSW
6	7209110	131.89	WSW
7	1507807	152.33	W
8	1507808	185.26	WNW
9	1508539	189.26	WSW
10	1508199	195.68	S

Private Sources

Oil and Gas Wells

Map Key	ID	Distance (m)	Direction
No records found			

Wells and Additional Sources Detail Report

Water Well Information System

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
1	W	0.03	27.99	100.18	WWIS

Well ID:	1508907	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Not Used	Date Received:	12/16/1957
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Abandoned-Supply	Abandonment Rec:	
Water Type:		Contractor:	3718
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole ID:	10030941	Elevation:	104.118888
DP2BR:	0	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	450900.7
Code OB Desc:	Bedrock	North83:	5032863
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	8/10/1957	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:			

Wells and Additional Sources Detail Report

Formation ID: 931010920
Layer: 1
Color: 1
General Color: WHITE
Mat1: 21
Most Common Material: GRANITE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 20
Formation End Depth UOM: ft

Formation ID: 931010921
Layer: 2
Color: 1
General Color: WHITE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 20
Formation End Depth: 40
Formation End Depth UOM: ft

Plug ID: 933108783
Layer: 1
Plug From: 0
Plug To:
Plug Depth UOM: ft

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

Pipe ID: 10579511
Casing No: 1
Comment:

Wells and Additional Sources Detail Report

Alt Name:

Casing ID: 930054513
 Layer: 1
 Material:
 Open Hole or Material:
 Depth From:
 Depth To:
 Casing Diameter: 4
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Pump Test ID: 991508907
 Pump Set At:
 Static Level: 10
 Final Level After Pumping: 10
 Recommended Pump
 Depth:
 Pumping Rate: 5
 Flowing Rate:
 Recommended Pump
 Rate:
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test
 Code:
 Water State After Test:
 Pumping Test Method: 1
 Pumping Duration HR: 1
 Pumping Duration MIN: 0
 Flowing: N

Water ID: 933463610
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 40
 Water Found Depth UOM: ft

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
2	ENE	0.06	55.24	100.57	WWIS

Well ID: 1511856 Data Entry Status:
 Construction Date: Data Src: 1
 Primary Water Use: Not Used Date Received: 9/11/1973

Wells and Additional Sources Detail Report

Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	0001
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021
Well Depth:		Concession:	01
Overburden/Bedrock:		Concession Name:	OF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole ID:	10033850	Elevation:	103.828201
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	451030.7
Code OB Desc:	Overburden	North83:	5032873
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	8/1/1959	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision			
Comment:			
Supplier Comment:			

Formation ID:	931018889
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Wells and Additional Sources Detail Report

Formation Top Depth: 0
Formation End Depth: 110
Formation End Depth UOM: ft

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

Pipe ID: 10582420
Casing No: 1
Comment:
Alt Name:

Casing ID: 930060126
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 110
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Pump Test ID: 991511856
Pump Set At:
Static Level: 28
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: N

Wells and Additional Sources Detail Report

Water ID: 933467138
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 110
 Water Found Depth UOM: ft

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
3	NE	0.07	65.74	99.28	WWIS

Well ID: 1508537
 Construction Date:
 Primary Water Use: Commerical
 Sec. Water Use: 0
 Final Well Status: Water Supply
 Water Type:
 Casing Material:
 Audit No:
 Tag:
 Construction Method:
 Elevation (m):
 Elevation Reliability:
 Depth to Bedrock:
 Well Depth:
 Overburden/Bedrock:
 Pump Rate:
 Static Water Level:
 Flowing (Y/N):
 Flow Rate:
 Clear/Cloudy:

Data Entry Status:
 Data Src: 1
 Date Received: 3/16/1956
 Selected Flag: Yes
 Abandonment Rec:
 Contractor: 4216
 Form Version: 1
 Owner:
 Street Name:
 County: OTTAWA-CARLETON
 Municipality: OTTAWA CITY
 Site Info:
 Lot:
 Concession:
 Concession Name:
 Easting NAD83:
 Northing NAD83:
 Zone:
 UTM Reliability:

Bore Hole ID: 10030571
 DP2BR: 0
 Spatial Status:
 Code OB: r
 Code OB Desc: Bedrock
 Open Hole:
 Cluster Kind:
 Date Completed: 12/16/1955
 Remarks:
 Elevrc Desc:
 Location Source Date:
 Improvement Location Source:
 Improvement Location Method:

Elevation: 101.656074
 Elevrc:
 Zone: 18
 East83: 451020.7
 North83: 5032923
 Org CS:
 UTMRC: 5
 UTMRC Desc: margin of error : 100 m - 300 m
 Location Method: p5

Wells and Additional Sources Detail Report

Source Revision
Comment:
Supplier Comment:

Formation ID: 931009923
Layer: 1
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 23
Formation End Depth UOM: ft

Formation ID: 931009924
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 23
Formation End Depth: 110
Formation End Depth UOM: ft

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

Pipe ID: 10579141
Casing No: 1
Comment:
Alt Name:

Wells and Additional Sources Detail Report

Casing ID: 930053785
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 110
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930053784
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 24
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Pump Test ID: 991508537
Pump Set At:
Static Level: 37
Final Level After Pumping: 45
Recommended Pump
Depth:
Pumping Rate: 6
Flowing Rate:
Recommended Pump
Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test
Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water ID: 933463072
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 100

Wells and Additional Sources Detail Report

Water Found Depth UOM: ft

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
3	NE	0.07	65.74	99.28	WWIS

Well ID:	1508538	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Commerical	Date Received:	1/22/1957
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4216
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole ID:	10030572	Elevation:	101.656074
DP2BR:	110	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	h	East83:	451020.7
Code OB Desc:	Mixed in a Layer	North83:	5032923
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	12/24/1956	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:			

Formation ID: 931009926

Wells and Additional Sources Detail Report

Layer: 2
Color:
General Color:
Mat1: 23
Most Common Material: PREVIOUSLY DUG
Mat2: 15
Other Materials: LIMESTONE
Mat3:
Other Materials:
Formation Top Depth: 110
Formation End Depth: 234
Formation End Depth UOM: ft

Formation ID: 931009925
Layer: 1
Color:
General Color:
Mat1: 24
Most Common Material: PREV. DRILLED
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 110
Formation End Depth UOM: ft

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

Pipe ID: 10579142
Casing No: 1
Comment:
Alt Name:

Casing ID: 930053786
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:

Wells and Additional Sources Detail Report

Depth To: 23
 Casing Diameter: 6
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Casing ID: 930053787
 Layer: 2
 Material: 4
 Open Hole or Material: OPEN HOLE
 Depth From:
 Depth To: 234
 Casing Diameter: 6
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Pump Test ID: 991508538
 Pump Set At:
 Static Level: 34
 Final Level After Pumping: 40
 Recommended Pump
 Depth:
 Pumping Rate: 8
 Flowing Rate:
 Recommended Pump
 Rate:
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test
 Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 1
 Pumping Duration HR: 1
 Pumping Duration MIN: 0
 Flowing: N

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
4	SW	0.13	126.89	105.33	WWIS

Well ID: 1508535
 Construction Date:
 Primary Water Use: Domestic
 Sec. Water Use: 0
 Final Well Status: Water Supply
 Water Type:
 Casing Material:
 Audit No:

Data Entry Status:
 Data Src: 1
 Date Received: 4/1/1952
 Selected Flag: Yes
 Abandonment Rec:
 Contractor: 3725
 Form Version: 1
 Owner:

Wells and Additional Sources Detail Report

Tag:	Street Name:	
Construction Method:	County:	OTTAWA-CARLETON
Elevation (m):	Municipality:	OTTAWA CITY
Elevation Reliability:	Site Info:	
Depth to Bedrock:	Lot:	
Well Depth:	Concession:	
Overburden/Bedrock:	Concession Name:	
Pump Rate:	Easting NAD83:	
Static Water Level:	Northing NAD83:	
Flowing (Y/N):	Zone:	
Flow Rate:	UTM Reliability:	
Clear/Cloudy:		

Bore Hole ID:	10030569	Elevation:	103.337593
DP2BR:	4	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	450835.7
Code OB Desc:	Bedrock	North83:	5032763
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	12/12/1951	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision			
Comment:			
Supplier Comment:			

Formation ID:	931009917
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	4
Formation End Depth UOM:	ft

Wells and Additional Sources Detail Report

Formation ID: 931009918
Layer: 2
Color: 1
General Color: WHITE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 4
Formation End Depth: 60
Formation End Depth UOM: ft

Formation ID: 931009919
Layer: 3
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 60
Formation End Depth: 65
Formation End Depth UOM: ft

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

Pipe ID: 10579139
Casing No: 1
Comment:
Alt Name:

Casing ID: 930053780
Layer: 1
Material: 1
Open Hole or Material: STEEL

Wells and Additional Sources Detail Report

Depth From:
 Depth To: 21
 Casing Diameter: 5
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Casing ID: 930053781
 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

Pump Test ID: 991508535
 Pump Set At:
 Static Level: 22
 Final Level After Pumping: 30
 Recommended Pump
 Depth:
 Pumping Rate:
 Flowing Rate:
 Recommended Pump
 Rate:
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test
 Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 1
 Pumping Duration HR:
 Pumping Duration MIN:
 Flowing: N

Water ID: 933463070
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 60
 Water Found Depth UOM: ft

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
5	SSW	0.13	128.33	105.51	WWIS

Wells and Additional Sources Detail Report

Well ID:	1508200	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	1/23/1952
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1107
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole ID:	10030235	Elevation:	101.905151
DP2BR:	2	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	450915.7
Code OB Desc:	Bedrock	North83:	5032703
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	4/18/1951	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Formation ID:	931009043
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL

Wells and Additional Sources Detail Report

Mat2: 05
Other Materials: CLAY
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

Formation ID: 931009044
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 2
Formation End Depth: 120
Formation End Depth UOM: ft

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

Pipe ID: 10578805
Casing No: 1
Comment:
Alt Name:

Casing ID: 930053130
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 120
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Wells and Additional Sources Detail Report

Casing ID: 930053129
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To: 20
 Casing Diameter: 4
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Pump Test ID: 991508200
 Pump Set At:
 Static Level: 21
 Final Level After Pumping: 30
 Recommended Pump
 Depth:
 Pumping Rate: 8
 Flowing Rate:
 Recommended Pump
 Rate:
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test
 Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 1
 Pumping Duration HR: 1
 Pumping Duration MIN: 0
 Flowing: N

Water ID: 933462609
 Layer: 1
 Kind Code: 5
 Kind: Not stated
 Water Found Depth: 120
 Water Found Depth UOM: ft

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
6	WSW	0.13	131.89	103.91	WWIS

Well ID:	7209110	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Monitoring	Date Received:	10/3/2013
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	

Wells and Additional Sources Detail Report

Water Type:	Contractor:	7238
Casing Material:	Form Version:	7
Audit No: Z167367	Owner:	
Tag: A145199	Street Name:	577 FOXVIEW DR.
Construction Method:	County:	OTTAWA-CARLETON
Elevation (m):	Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:	Site Info:	
Depth to Bedrock:	Lot:	
Well Depth:	Concession:	
Overburden/Bedrock:	Concession Name:	
Pump Rate:	Easting NAD83:	
Static Water Level:	Northing NAD83:	
Flowing (Y/N):	Zone:	
Flow Rate:	UTM Reliability:	
Clear/Cloudy:		
Bore Hole ID: 1004596470	Elevation:	103.694961
DP2BR:	Elevrc:	
Spatial Status:	Zone:	18
Code OB:	East83:	450821
Code OB Desc:	North83:	5032782
Open Hole:	Org CS:	UTM83
Cluster Kind:	UTMRC:	4
Date Completed: 9/16/2013	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:	Location Method:	wwr
Elevrc Desc:		
Location Source Date:		
Improvement Location Source:		
Improvement Location Method:		
Source Revision		
Comment:		
Supplier Comment:		
Formation ID: 1004642087		
Layer: 1		
Color: 2		
General Color: GREY		
Mat1: 06		
Most Common Material: SILT		
Mat2: 28		
Other Materials: SAND		
Mat3: 66		
Other Materials: DENSE		
Formation Top Depth: 0		
Formation End Depth: 5		

Wells and Additional Sources Detail Report

Formation End Depth ft
UOM:

Formation ID: 1004642088
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 17
Other Materials: SHALE
Mat3: 26
Other Materials: ROCK
Formation Top Depth: 5
Formation End Depth: 11
Formation End Depth ft
UOM:

Plug ID: 1004642095
Layer: 1
Plug From: 0
Plug To: 6
Plug Depth UOM: ft

Method Construction ID:
Method Construction F
Code:
Method Construction: H.S.A.
Other Method DIAMOND
Construction:

Pipe ID: 1004642086
Casing No: 0
Comment:
Alt Name:

Casing ID: 1004642091
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 6
Depth To: 11
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Wells and Additional Sources Detail Report

Screen ID: 1004642092
 Layer: 1
 Slot: 10
 Screen Top Depth: 6
 Screen End Depth: 11
 Screen Material: 5
 Screen Depth UOM: ft
 Screen Diameter UOM: inch
 Screen Diameter: 2

Hole ID: 1004642089
 Diameter:
 Depth From:
 Depth To:
 Hole Depth UOM: ft
 Hole Diameter UOM: inch

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
7	W	0.15	152.33	102.60	WWIS

Well ID: 1507807	Data Entry Status:
Construction Date:	Data Src: 1
Primary Water Use: Public	Date Received: 11/26/1952
Sec. Water Use: 0	Selected Flag: Yes
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-CARLETON
Elevation (m):	Municipality: OTTAWA CITY
Elevation Reliability:	Site Info:
Depth to Bedrock:	Lot:
Well Depth:	Concession:
Overburden/Bedrock:	Concession Name:
Pump Rate:	Easting NAD83:
Static Water Level:	Northing NAD83:
Flowing (Y/N):	Zone:
Flow Rate:	UTM Reliability:
Clear/Cloudy:	

Bore Hole ID: 10029842 Elevation: 105.229431

Wells and Additional Sources Detail Report

DP2BR:	160	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	450775.7
Code OB Desc:	Bedrock	North83:	5032873
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	8/11/1952	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision			
Comment:			
Supplier Comment:			

Formation ID:	931008078
Layer:	1
Color:	
General Color:	
Mat1:	24
Most Common Material:	PREV. DRILLED
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	160
Formation End Depth UOM:	ft

Formation ID:	931008079
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	160
Formation End Depth:	350
Formation End Depth UOM:	ft

Wells and Additional Sources Detail Report

Method Construction ID:

Method Construction Code: 1

Method Construction: Cable Tool

Other Method Construction:

Pipe ID: 10578412

Casing No: 1

Comment:

Alt Name:

Casing ID: 930052348

Layer: 1

Material:

Open Hole or Material:

Depth From:

Depth To: 160

Casing Diameter:

Casing Diameter UOM: inch

Casing Depth UOM: ft

Casing ID: 930052349

Layer: 2

Material: 4

Open Hole or Material: OPEN HOLE

Depth From:

Depth To: 350

Casing Diameter: 6

Casing Diameter UOM: inch

Casing Depth UOM: ft

Pump Test ID: 991507807

Pump Set At:

Static Level: 15

Final Level After Pumping: 30

Recommended Pump

Depth: 7

Pumping Rate: 7

Flowing Rate:

Recommended Pump

Rate: ft

Levels UOM: ft

Rate UOM: GPM

Water State After Test: 1

Wells and Additional Sources Detail Report

Code:
 Water State After Test: CLEAR
 Pumping Test Method: 1
 Pumping Duration HR: 2
 Pumping Duration MIN: 0
 Flowing: N

Water ID: 933462069
 Layer: 2
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 175
 Water Found Depth UOM: ft

Water ID: 933462068
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 75
 Water Found Depth UOM: ft

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
8	WNW	0.19	185.26	102.27	WWIS

Well ID: 1507808	Data Entry Status:
Construction Date:	Data Src: 1
Primary Water Use: Public	Date Received: 4/1/1952
Sec. Water Use: 0	Selected Flag: Yes
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-CARLETON
Elevation (m):	Municipality: OTTAWA CITY
Elevation Reliability:	Site Info:
Depth to Bedrock:	Lot:
Well Depth:	Concession:
Overburden/Bedrock:	Concession Name:
Pump Rate:	Easting NAD83:
Static Water Level:	Northing NAD83:
Flowing (Y/N):	Zone:
Flow Rate:	UTM Reliability:
Clear/Cloudy:	

Wells and Additional Sources Detail Report

Bore Hole ID:	10029843	Elevation:	106.011604
DP2BR:	9	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	450750.7
Code OB Desc:	Bedrock	North83:	5032923
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/28/1951	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision			
Comment:			
Supplier Comment:			

Formation ID:	931008080
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	9
Formation End Depth UOM:	ft

Formation ID:	931008081
Layer:	2
Color:	1
General Color:	WHITE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	9
Formation End Depth:	160

Wells and Additional Sources Detail Report

Formation End Depth ft
UOM:

Method Construction ID:

Method Construction 1
Code:

Method Construction: Cable Tool

Other Method
Construction:

Pipe ID: 10578413

Casing No: 1

Comment:

Alt Name:

Casing ID: 930052350

Layer: 1

Material: 1

Open Hole or Material: STEEL

Depth From:

Depth To: 20

Casing Diameter: 6

Casing Diameter UOM: inch

Casing Depth UOM: ft

Casing ID: 930052351

Layer: 2

Material: 4

Open Hole or Material: OPEN HOLE

Depth From:

Depth To: 160

Casing Diameter: 6

Casing Diameter UOM: inch

Casing Depth UOM: ft

Pump Test ID: 991507808

Pump Set At:

Static Level: 30

Final Level After Pumping: 40

Recommended Pump
Depth:

Pumping Rate: 5

Flowing Rate:

Recommended Pump
Rate:

Wells and Additional Sources Detail Report

Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 1
 Pumping Duration HR: 1
 Pumping Duration MIN: 0
 Flowing: N

Water ID: 933462070
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 70
 Water Found Depth UOM: ft

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
9	WSW	0.19	189.26	104.49	WWIS

Well ID:	1508539	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/23/1957
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1802
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole ID:	10030573	Elevation:	103.082275
DP2BR:	0	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	450750.7

Wells and Additional Sources Detail Report

Code OB Desc:	Bedrock	North83:	5032803
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	9/6/1957	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:			

Formation ID:	931009927
Layer:	1
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	163
Formation End Depth UOM:	ft

Method Construction ID:	
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe ID:	10579143
Casing No:	1
Comment:	
Alt Name:	

Casing ID:	930053788
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	

Wells and Additional Sources Detail Report

Depth To: 63
 Casing Diameter: 2
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Casing ID: 930053789
 Layer: 2
 Material: 4
 Open Hole or Material: OPEN HOLE
 Depth From:
 Depth To: 163
 Casing Diameter: 2
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Pump Test ID: 991508539
 Pump Set At:
 Static Level: 45
 Final Level After Pumping: 60
 Recommended Pump
 Depth:
 Pumping Rate: 5
 Flowing Rate:
 Recommended Pump
 Rate:
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test
 Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 1
 Pumping Duration HR: 2
 Pumping Duration MIN: 0
 Flowing: N

Water ID: 933463073
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 160
 Water Found Depth UOM: ft

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
10	S	0.20	195.68	106.12	WWIS

Wells and Additional Sources Detail Report

Well ID:	1508199	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	1/15/1951
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1107
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole ID:	10030234	Elevation:	100.66851
DP2BR:	0	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	450960.7
Code OB Desc:	Bedrock	North83:	5032633
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	3/16/1950	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision			
Comment:			
Supplier Comment:			

Formation ID:	931009042
Layer:	1
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	

Wells and Additional Sources Detail Report

Other Materials:

Mat3:

Other Materials:

Formation Top Depth: 0
Formation End Depth: 120
Formation End Depth UOM: ft

Method Construction ID:

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

Pipe ID: 10578804
Casing No: 1
Comment:
Alt Name:

Casing ID: 930053128
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 120
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930053127
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 18
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Pump Test ID: 991508199
Pump Set At:
Static Level: 15
Final Level After Pumping: 22

Wells and Additional Sources Detail Report

Recommended Pump

Depth:

Pumping Rate: 8

Flowing Rate:

Recommended Pump

Rate:

Levels UOM: ft

Rate UOM: GPM

Water State After Test 1

Code:

Water State After Test: CLEAR

Pumping Test Method: 1

Pumping Duration HR: 1

Pumping Duration MIN: 0

Flowing: N

Water ID: 933462608

Layer: 1

Kind Code: 5

Kind: Not stated

Water Found Depth: 120

Water Found Depth UOM: ft

Radon Information

Detailed radon information for the project property is provided below.

Radon Zone Information

ID: 144851 **Radon Rank:** MOD

Health Canada Radon Information

Health Region: 3551
Health Region Name: City of Ottawa Health Unit
Province or Territory: ON
Number Homes in Survey: 64
% Below 200 Bq/m3: 93.8
% Above 200 Bq/m3: 6.2
200 to 600 Bq/m3: 6.2
% Above 600 Bq/m3: 0

Area of Natural and Scientific Interest Information

There is no ANSI unit available in this area.

Area of Natural and Scientific Interest Information

Detailed ANSI information is provided below.

No records found for the project property or surrounding properties.

Federal Sources

Bedrock Geology of Canada

The Geological Map of Canada is scaled at 1:5,000,000. This map is created by Geological Survey of Canada and published by Natural Resources Canada.

BEDROCK GEOLOGY

Health Canada Radon Information

This source is the results from the Cross-Canada Survey of Radon Concentrations in Homes, a two-year study conducted by Health Canada's National Radon Program. The aims of this study were to obtain an estimate of the proportion of the Canadian population living in homes with radon gas levels above the guideline of 200 Bq/m³, to identify previously unknown areas where radon gas exposure may constitute a health risk, and to build, over time, a map of indoor radon gas exposure levels across Canada.

RADON

National Energy Board Wells

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.

NEBP

Soil Landscapes of Canada (SLC)

Major characteristics of soil and land such as surface form, slope, water table depth, permafrost and lakes.

SLC

Surficial Geology of Canada

This map contains information on surficial materials and associated landforms left by the retreat of the last glaciers and non glacial environments. It is based on compilation of existing maps. This data was authored by the Geological Survey of Canada and published by Natural Resources Canada.

SURFICIAL GEOLOGY

Toporama

Toporama covers the entire area of Canada's landmass and provides topographic, geo-referenced, and symbolic information in a raster format at 1:50,000 scale. This is a digital topographic reference product made available by Natural Resources Canada (NRCan).

TOPORAMA

Provincial Sources

Area of Natural and Scientific Interest

Areas of Natural and Scientific Interest (ANSIs) are lands and waters with features that are important for natural heritage protection, appreciation, scientific study or education. This dataset is made available by Ontario Ministry of Natural Resources.

ANSI

Bedrock Geology of Ontario

The Bedrock Geology layer shows the distribution of bedrock units underlying Ontario at a 1:250,000 scale. The geology of the province consists of Precambrian rocks of the Canadian Shield and Phanerozoic sedimentary rocks that overlie the Canadian Shield. This layer was compiled by the Precambrian Geoscience Section of Ontario Geological Survey.

BEDROCK GEOLOGY

Ontario Detailed Soil Survey (DSS3)

Soil surveys have been published for most of the agricultural areas, and many surrounding areas, across Canada. Data from these surveys comprise the most detailed soil inventory information in the National Soil DataBase. Data is made available by Agriculture and Agri-Food Canada

SOIL SURVEY

Ontario Oil and Gas Wells

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.

OOGW

Provincial Groundwater Monitoring Network

GROUNDWATER

Appendix

Groundwater level and chemistry data from monitoring wells that are part of the Provincial Groundwater Monitoring Network (PGMN) Program. Precipitation data (rain) is also available for some sites. This data is provided by Ontario Ministry of Environment and Climate Change.

Surficial Geology of Ontario

The Surficial Geology dataset contains a layer depicting the distribution and characteristics of surficial deposits across southern Ontario. This data set is authored by the Ontario Geological Survey.

SURFICIAL GEOLOGY

Topographic Map of Ontario

The Ontario Basic Mapping program provides a relationship between topographic information and the provincial geographical referencing grid, thereby forming the foundation for a comprehensive provincial geographical referencing system. This data is made available by the Ontario Ministry of Natural Resources and Forestry. This is ERIS self-designed topographic map template at 1:10,000.

TOPOGRAPHIC MAP

Water Well Information System

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

WWIS

Wetlands of Ontario

The Ministry of Natural Resources and Forestry has made available a database of wetlands in Ontario. Certain attributes identify wetlands that have been evaluated with the Ontario Wetland Evaluation System (OWES), and of those which ones have been designated as Provincially Significant Wetlands (PSW).

WETLAND

Private Sources

Oil and Gas Wells

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.

OGWE

Radon Zone Information

The Radon Potential Map is developed by Radon Environmental Management Corporation. Its objective was to illustrate the relative variation of radon risk across the country, and in 2011 it published its first geologic Radon Potential Map of Canada.

RADON

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Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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APPENDIX H

MAPS

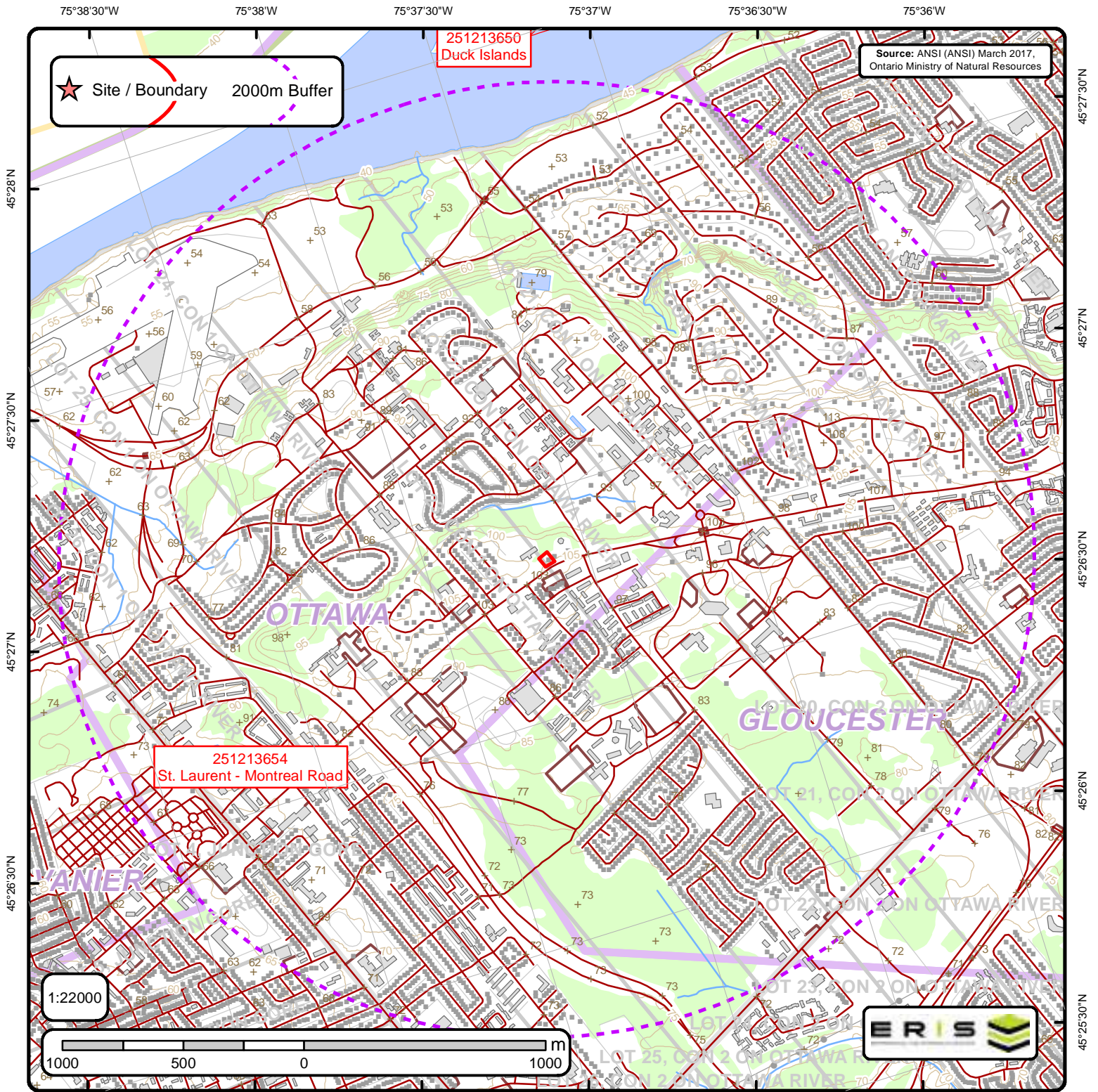
Phase I Environmental Site Assessment

971 Montreal Road

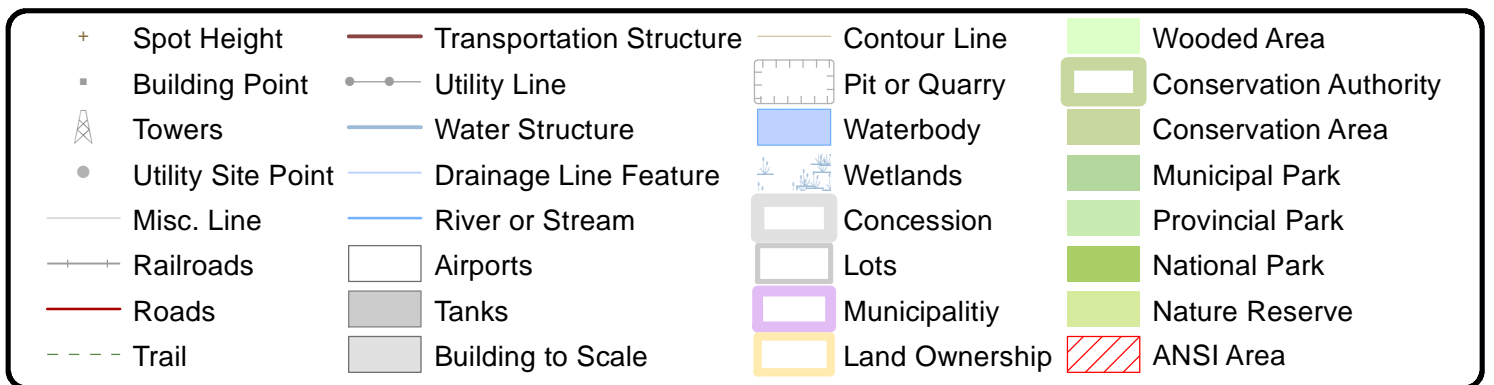
Ottawa, Ontario

Developpements Proximi-T

MM2320



Area of Natural & Scientific Interest (ANSI) Order No. 20200626198





ANSI Report

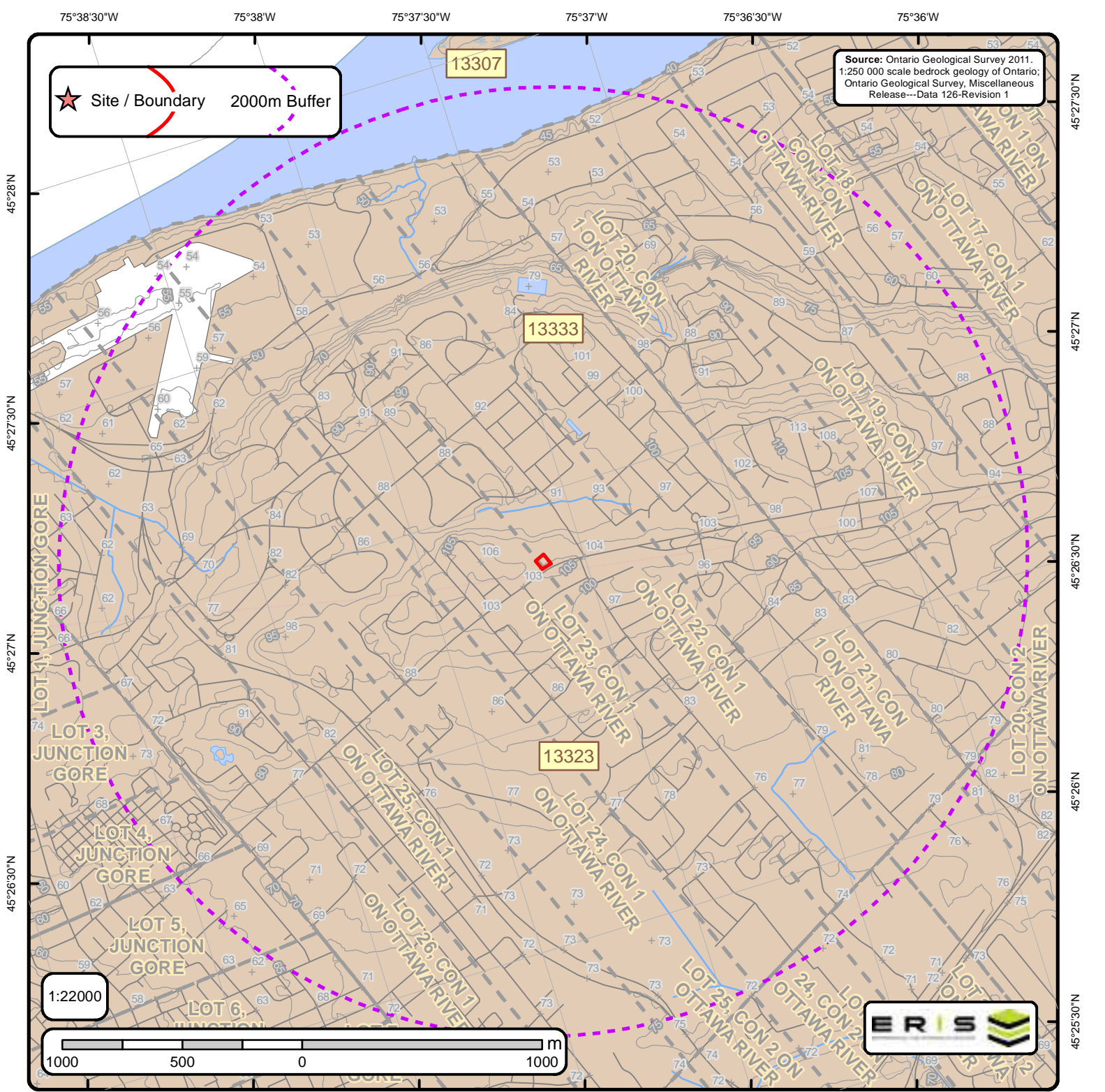
ANSI Units Found within 2000 m of
971 Montreal Road

Page 1
Order No.
20200626198



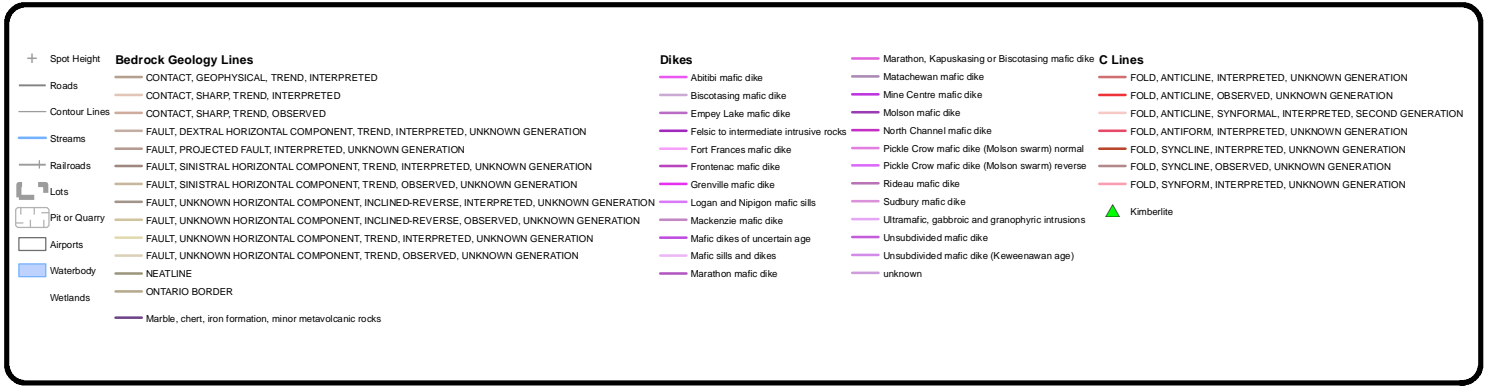
ANSI Name: St. Laurent - Montreal Road

ID: 251213654 | **Type:** ANSI, Earth Science | **Significance:** Provincial | **Management Plan:** No | **Area (sqm):** 1111.845 | **Comments:**



Bedrock Geology of Ontario

Order No. 20200626198





Bedrock Geology Report

Bedrock Geology units found within 2000 m of
971 Montreal Road

Page 1
Order No.
20200626198



ID: 13333 | **Unit Name:** |

Type (All): 54a | **Type (Primary):** 54a | **Type (Secondary):** | **Type (Tertiary):** | **Rock Type (Primary):** Limestone, dolostone, shale, arkose, sandstone | **Strata (Primary):** Ottawa Group; Simcoe Group; Shadow Lake Formation | **Super Eon (Primary):** | **Eon (Primary):** PHANEROZOIC (Present to 542.0 Ma) | **Era (Primary):** PALEOZOIC (251.0 Ma to 542.0 Ma) | **Period (Primary):** ORDOVICIAN (443.7 Ma to 488.3 Ma) | **Epoch (Primary):** MIDDLE ORDOVICIAN (now considered UPPER DEVONIAN) | **Province (Primary):**

ID: 13323 | **Unit Name:** |

Type (All): 55b | **Type (Primary):** 55b | **Type (Secondary):** | **Type (Tertiary):** | **Rock Type (Primary):** Shale, limestone, dolostone, siltstone | **Strata (Primary):** Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Member; Eastview Member | **Super Eon (Primary):** | **Eon (Primary):** PHANEROZOIC (Present to 542.0 Ma) | **Era (Primary):** PALEOZOIC (251.0 Ma to 542.0 Ma) | **Period (Primary):** ORDOVICIAN (443.7 Ma to 488.3 Ma) | **Epoch (Primary):** UPPER ORDOVICIAN | **Province (Primary):**



Bedrock Geology Report Metadata

Ontario Geological Survey 2011. 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release-Data 126
Revision1



ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

ID - Unit ID **Unit Name** - Generalized geological unit classification

Type (All) - The geological unit number(s) or code(s) for all rock types present in an individual polygon.

Type (Primary) - The primary geological unit number or code for the primary rock type in an individual polygon

Type (Secondary) - The secondary geological unit number or code for the secondary rock type, if present, in an individual polygon

Type (Tertiary) - The tertiary geological unit number or code for the tertiary rock type, if present, in an individual polygon

Rock Type (Primary) - Rock type or sub-unit description

Status (Primary) - The Stratigraphic unit. Divided into:

- Supergroup (two or more groups and lone formations)
- Group (two or more formations)
- Formation (primary unit of lithostratigraphy)
- Member (named lithologic subdivision of a formation)
- Bed (named distinctive layer in a member or formation)

Super Eon (Primary) - A name given to the largest defined unit of geological time, divided into Eons. Unique values which this field may contain (Domains) are:

PRECAMBRIAN (0.542 Ga to <3.85 Ga)

Eon (Primary) - A name given to a defined unit of geological time, divided into Eras. Unique values which this field may contain (Domains) are:

- ARCHEAN (2.5 Ga to <3.85 Ga)
- PROTEROZOIC (0.542 Ga to 2.50 Ga)
- PHANEROZOIC (Present to 542.0 Ma)

Era (Primary) - A name given to a defined unit of geological time, divided into Periods. Each era on the scale is separated from the next by a major event or change. Unique values which this field may contain (Domains) are:

- | | |
|---|--|
| MESOARCHEAN (2.8 Ga to 3.2 Ga) | MESOPROTEROZOIC (1.0 Ga to 1.6 Ga) |
| NEO-TO MESOARCHEAN (2.5 Ga to 3.2 Ga) | EARLY PALEOZOIC TO NEOPROTEROZOIC (443.7 Ma to 1.0 Ga) |
| NEOARCHEAN (2.5 Ga to 2.8 Ga) | NEO-TO MESOPROTEROZOIC (0.542 Ga to 1.6 Ga) |
| PALEOPROTEROZOIC (1.6 Ga to 2.5 Ga) | PALEOZOIC (251.0 Ma to 542.0 Ma) |
| MESO-TO PALEOPROTEROZOIC (1.0 Ga to 2.5 Ga) | MESOZOIC (65.5 Ma to 251.0 Ma) |

Period (Primary) - A name given to a defined unit of geological time, divided into Epochs. Unique values which this field may contain (Domains) are:

- CAMBRIAN (488.3 Ma to 542.0 Ma)
- ORDOVICIAN (443.7 Ma to 488.3 Ma)
- SILURIAN (416.0 Ma to 443.7 Ma)
- DEVONIAN (359.2 Ma to 416.0 Ma)
- MISSISSIPPIAN TO DEVONIAN (318.1 Ma to 416.0 Ma)
- JURASSIC (145.5 Ma to 199.6 Ma)
- CRETACEOUS AND JURASSIC (65.5 Ma to 199.6 Ma)

Epoch (Primary) - A name given to a defined unit of geological time. Unique values which this field may contain (Domains) are:

- | | |
|----------------------------------|--------------------------------------|
| LOWER ORDOVICIAN | UPPER SILURIAN |
| MIDDLE ORDOVICIAN | LOWER DEVONIAN |
| UPPER ORDOVICIAN | MIDDLE DEVONIAN |
| MIDDLE AND LOWER SILURIAN | UPPER DEVONIAN |
| UPPER SILURIAN TO LOWER DEVONIAN | LOWER CRETACEOUS AND MIDDLE JURASSIC |

Province (Primary) - The Geological Province the geological unit is in. Unique values which this field may contain (Domains) are:

- SUPERIOR
- SOUTHERN
- SUPERIOR
- GRENVILLE

75°38'30"W

75°38'W

75°37'30"W

75°37'W

75°36'30"W

75°36'W



Source: Ontario Base Mapping (OBM), 2010, Ontario Ministry of Natural Resources

45°28'N

45°27'30"N

45°27'N

45°26'30"N

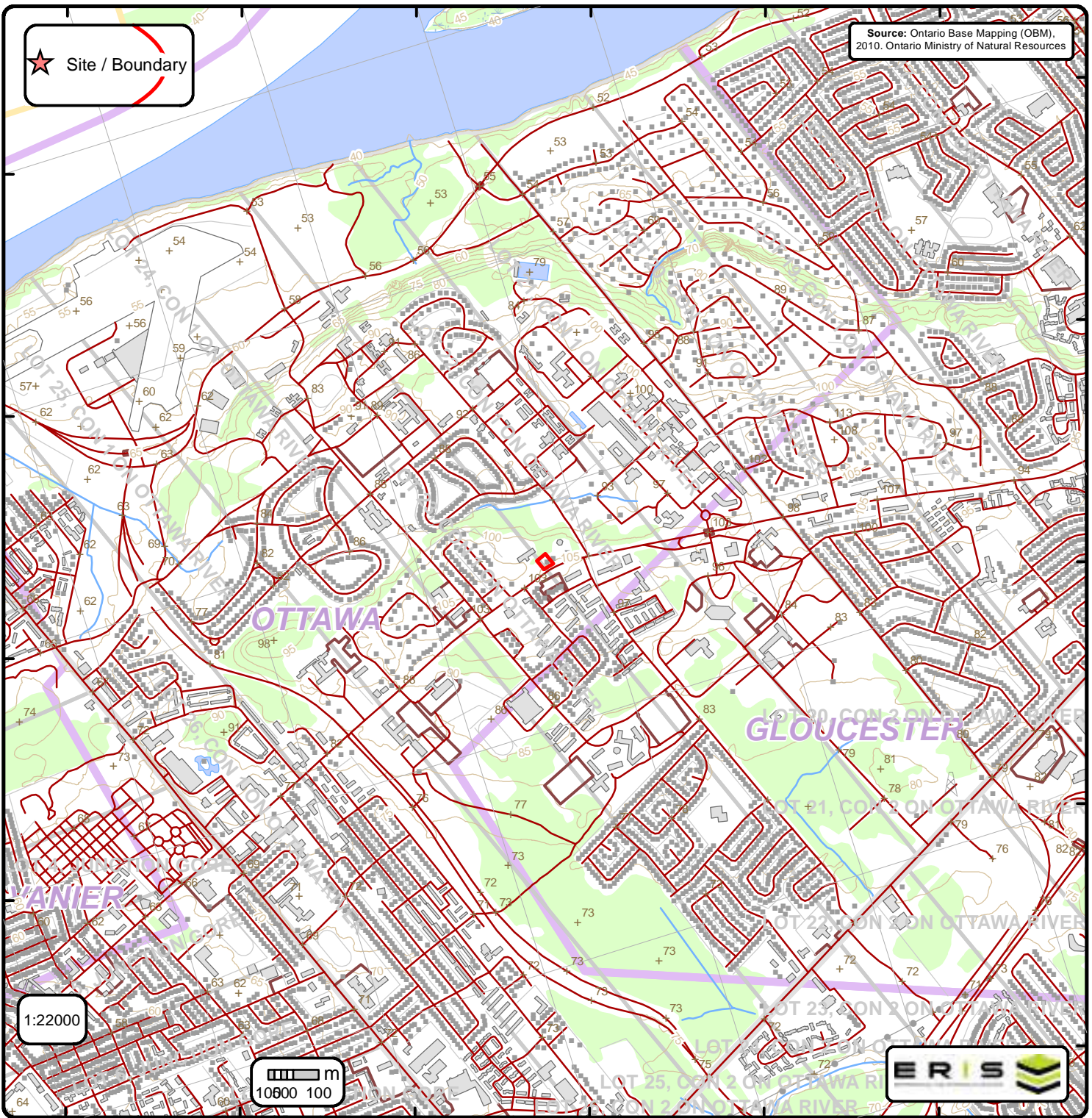
45°27'30"N

45°27'N

45°26'30"N

45°26'N

45°25'30"N



Ontario Base Mapping (OBM) Data

Order No. 20200626198

+ 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	

75°38'30"W

75°38'W

75°37'30"W

75°37'W

75°36'30"W

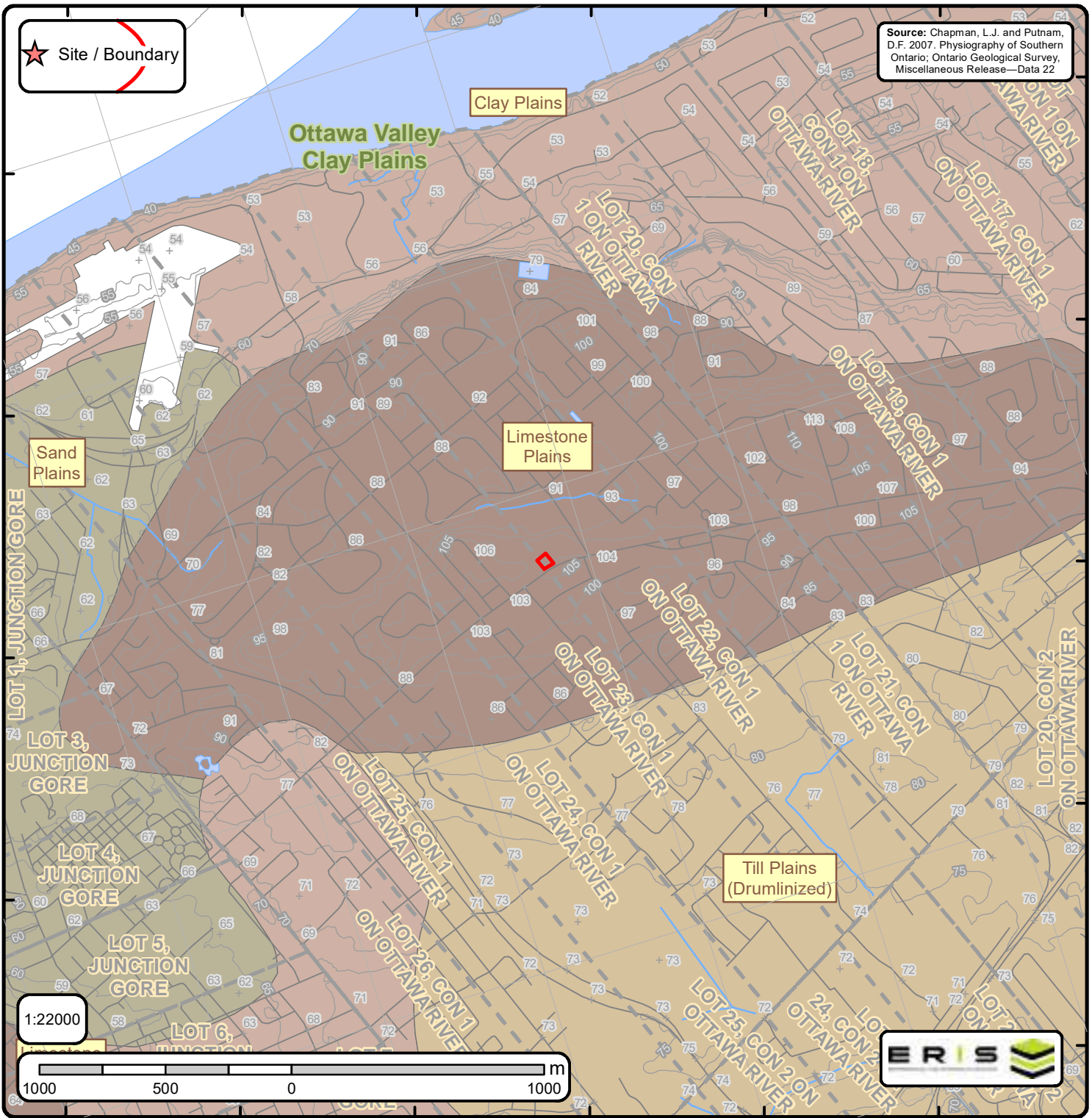
75°36'W



Source: Chapman, L.J. and Putnam, D.F. 2007. Physiography of Southern Ontario: Ontario Geological Survey, Miscellaneous Release—Data 22

45°28'N
45°27'30"N
45°27'N
45°26'30"N
45°26'N
45°25'30"N

45°27'30"N
45°27'N
45°26'30"N
45°26'N
45°25'30"N



Physiography of Southern Ontario

Order No. 20200626198

	Spot Height		Lots		Boulder Pavement		Bare Rock Ridges And Shallow Till		Peat And Muck
	Roads		Pit or Quarry		Dissected Terrain		Beaches		Sand Plains
	Railroads		Airports		Mud Flow Scars		Bevelled Till Plains		Shale Plains
	Contour Lines		Wetlands		Sand Dunes		Clay Plains		Shallow Till And Rock Ridges
	Streams		Waterbody		escarpment		Drumlins		Spillways
	Physiography Regions		shorecliff		Limestone Plains		Eskers		Till Plains (Drumlinized)
			shorecliff (weakly developed)		Kame Moraines		Till Plains (Undrumlinized)		

75°38'30"W 75°38'W 75°37'30"W 75°37'W 75°36'30"W 75°36'W

★ Site / Boundary 2000m Buffer

Source: Version 3 Detailed Soil Survey National DataBase (NSDB), Agriculture and Agri-Food Canada, 2014

45°28'N

45°27'30"N

45°27'N

45°26'30"N

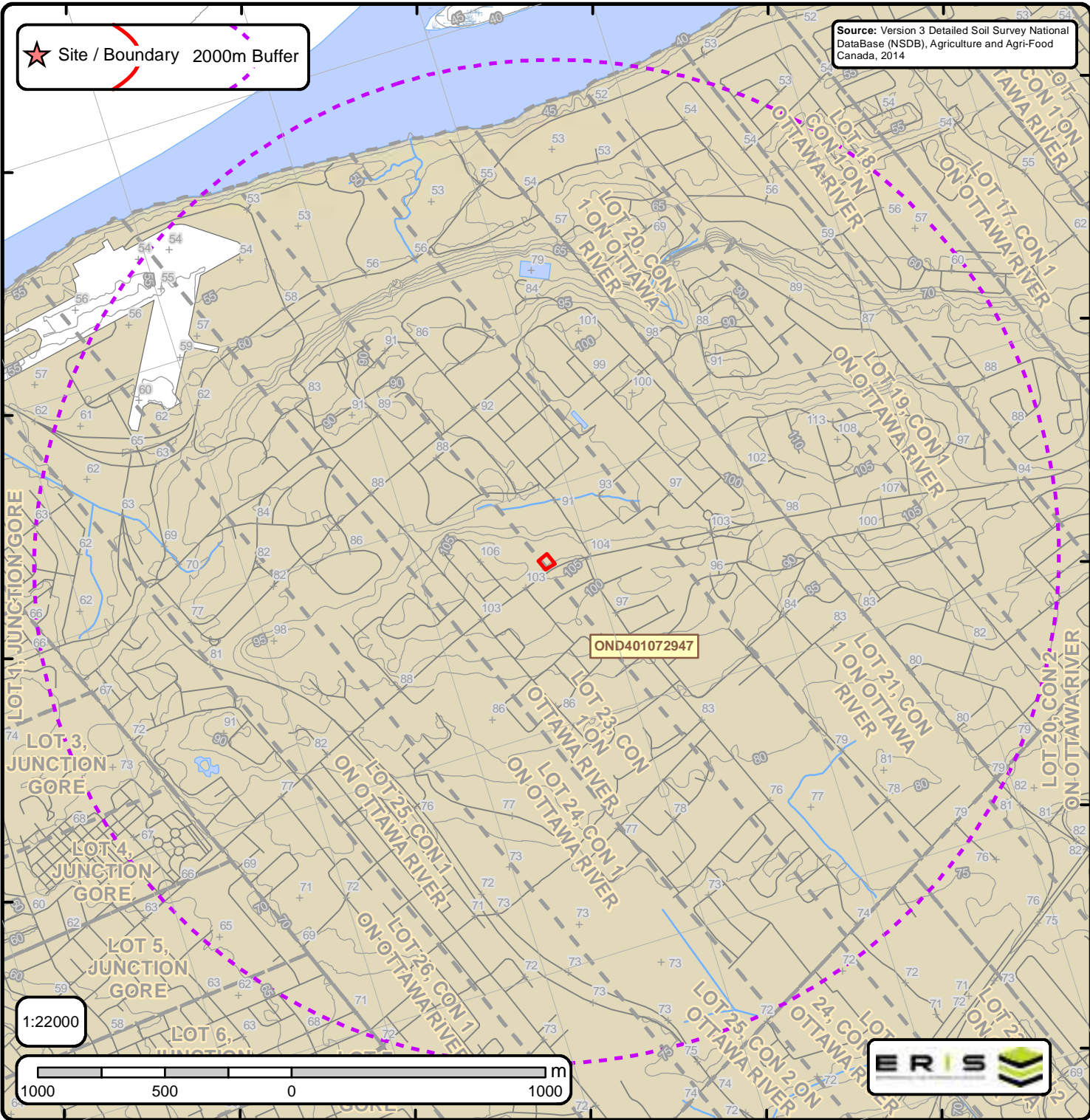
45°27'30"N

45°27'N

45°26'30"N

45°26'N

45°25'30"N



1:22000



Detailed Soil Survey (ON Soils)

Order No. 20200626198

+	Spot Height	- - -	Lots
—+—	Railroads	□	Pit or Quarry
—	Roads	□	Airports
—	Contour Lines	☘	Wetlands
—	Streams	■	Waterbody



Soils Report

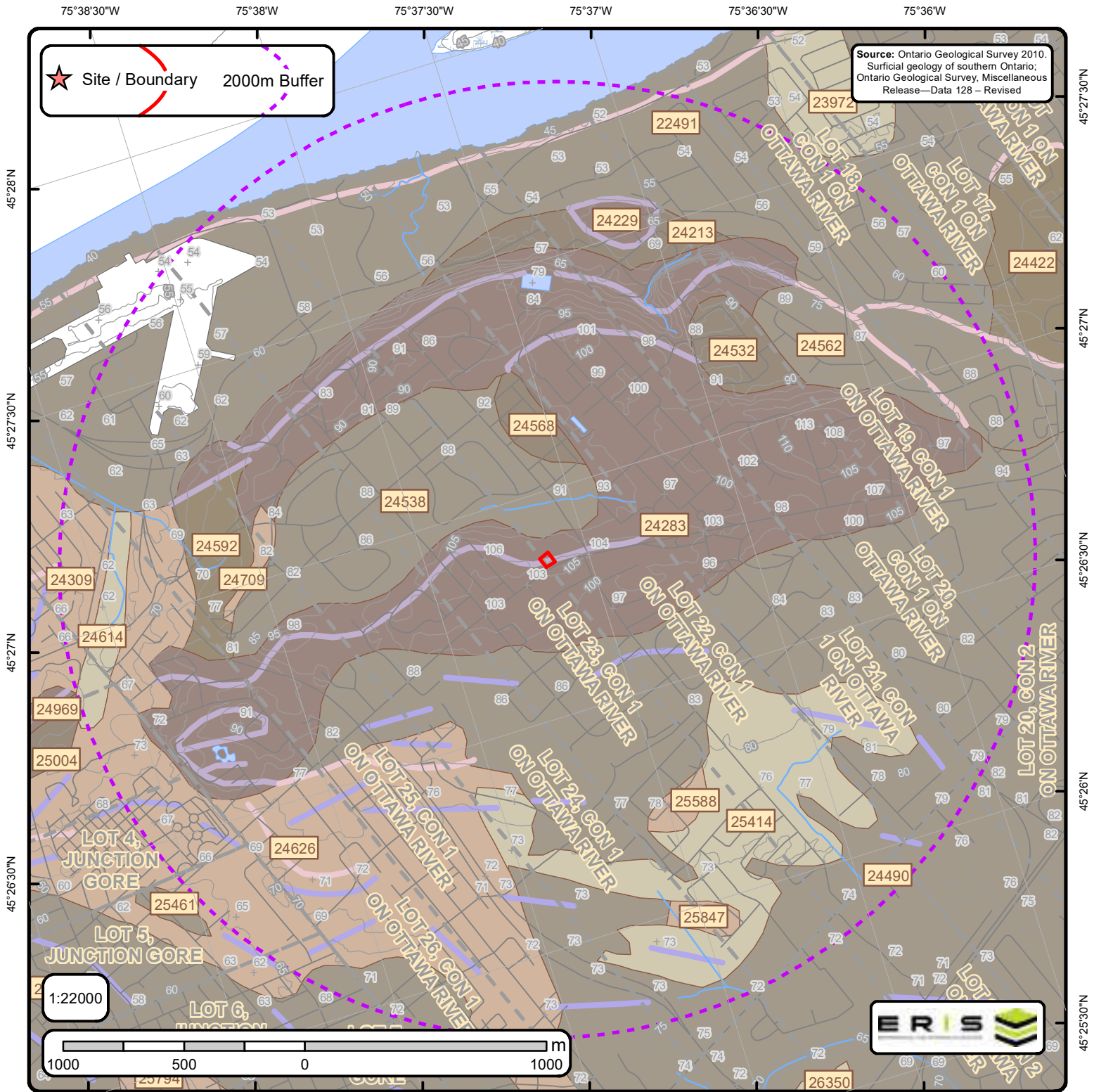
Soil Map Units Found within 2000 m of
971 Montreal Road

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20200626198



Soil ID: OND401072947

Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZUN~~~~N | **Surface Stoniness Class** : Not Applicable | **Slop Steepness(%)** : None | **Slop Length(m)** : -9 | **Drainage** : Not Applicable | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : None | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Soil Name** : UNCLASSIFIED | **Water Table Characteristics** : Unspecified period | **Soil Drainage Class** : Not applicable | **Kind of Surface Material** : Unclassified | **Layer that Restricts Root Growth** : No root restricting layer | **Type of Root Restricting Layer** : n/a | **Parent Material 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Mode of Deposition 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Parent Material Chemical Property 1|2|3** : Not Applicable; Not Applicable; Not Applicable |



The Surficial Geology of Southern Ontario Order No. 20200626198

+	Spot Height	—	Streams		Dune		Beach		Esker		karst		pitsg
	Waterbody	—	Contour Lines		Lake		Bluff		Esker ND		linfeat		popup
	Wetlands	—	Roads		Rib		Crevasse		Fluvial DL		megarip		ribl
	Airports	—	Railroads		Scab		Crest		fluvndl		mfluvdl		slidell
	Pit or Quarry		Morains		Slide		End		iceberg		mfluvndl		slumpb
	Lots		NOF Dune		Escarpment		icslope		moraine		terrace		



ID: 22491 | **Unit Name:** Offshore marine deposits |
Deposit Type Code: 3a | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** glaciomarine | **Primary General Modifier:** foreshore/basinal | **Veneer:** silt, sand | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Clay and silt underlying erosional terraces; upper part of marine deposits removed to variable depths by fluvial erosion so in places clay is uniform blue-grey; unit includes lenses, bars and channel fills to sand and pockets of nonmarine silt that were

ID: 24213 | **Unit Name:** Till |
Deposit Type Code: 1a | **Deposit Age:** Quaternary | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** sandy silt to silty sand | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** N-NE | **Carbon Content:** | **Formation:** Undifferentiated silty-sandy till on Paleozoic terrain | **Permeability:** Low-Medium | **Material Description:** Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a disc

ID: 24229 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 24283 | **Unit Name:** Bedrock |
Deposit Type Code: Pa | **Deposit Age:** Paleozoic | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.

ID: 24309 | **Unit Name:** Alluvial deposits |
Deposit Type Code: 6b | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** silt | **Primary General:** fluvial | **Primary General Modifier:** abandoned floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.



ID: 24490 | **Unit Name:** Offshore marine deposits |
Deposit Type Code: 3a | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** glaciomarine | **Primary General Modifier:** foreshore/basinal | **Veneer:** silt, sand | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Clay and silt underlying erosional terraces; upper part of marine deposits removed to variable depths by fluvial erosion so in places clay is uniform blue-grey; unit includes lenses, bars and channel fills to sand and pockets of nonmarine silt that were

ID: 24532 | **Unit Name:** Till |
Deposit Type Code: 1a | **Deposit Age:** Quaternary | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** sandy silt to silty sand | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** N-NE | **Carbon Content:** | **Formation:** Undifferentiated silty-sandy till on Paleozoic terrain | **Permeability:** Low-Medium | **Material Description:** Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a disc

ID: 24538 | **Unit Name:** Offshore marine deposits |
Deposit Type Code: 3 | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** sand | **Primary General:** glaciomarine | **Primary General Modifier:** foreshore/basinal | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Clay, silty clay and silt, commonly calcareous and fossiliferous; locally overlain by thin sands. Upper parts are generally mottled or laminated reddish brown and bluish grey and may contain lenses and pockets of sand, but at depth the clay is uniform a

ID: 24562 | **Unit Name:** Offshore marine deposits |
Deposit Type Code: 3 | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** sand | **Primary General:** glaciomarine | **Primary General Modifier:** foreshore/basinal | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Clay, silty clay and silt, commonly calcareous and fossiliferous; locally overlain by thin sands. Upper parts are generally mottled or laminated reddish brown and bluish grey and may contain lenses and pockets of sand, but at depth the clay is uniform a

ID: 24568 | **Unit Name:** Till |
Deposit Type Code: 1a | **Deposit Age:** Quaternary | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** sandy silt to silty sand | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** N-NE | **Carbon Content:** | **Formation:** Undifferentiated silty-sandy till on Paleozoic terrain | **Permeability:** Low-Medium | **Material Description:** Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a disc



ID: 24592 | **Unit Name:** Landslide |
Deposit Type Code: I | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** clay | **Secondary Material:** sand | **Primary General:** colluvial | **Primary General Modifier:** landslide | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Landslide area showing location of headscarp and general trend of slump ridges. Ridges generally consist of clay with overlying or admixed sand.

ID: 24614 | **Unit Name:** Organic deposits |
Deposit Type Code: 7 | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** organic deposits | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** wetland | **Primary General Modifier:** | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** High | **Material Description:** Mainly muck and peat in bogs, fens, swamps and poorly drained areas.

ID: 24626 | **Unit Name:** Alluvial deposits |
Deposit Type Code: 6b | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** silt | **Primary General:** fluvial | **Primary General Modifier:** abandoned floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.

ID: 24709 | **Unit Name:** Alluvial deposits |
Deposit Type Code: 6b | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** silt | **Primary General:** fluvial | **Primary General Modifier:** abandoned floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.

ID: 25414 | **Unit Name:** Organic deposits |
Deposit Type Code: 7 | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** organic deposits | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** wetland | **Primary General Modifier:** | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** High | **Material Description:** Mainly muck and peat in bogs, fens, swamps and poorly drained areas.



Surface Geology Report

Surface Geology units found within 2000 m of
971 Montreal Road

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ID: 25588 | **Unit Name:** Alluvial deposits |
Deposit Type Code: 6b | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** silt | **Primary General:** fluvial | **Primary General Modifier:** abandoned floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.

ID: 25847 | **Unit Name:** Alluvial deposits |
Deposit Type Code: 6b | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** silt | **Primary General:** fluvial | **Primary General Modifier:** abandoned floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels.



Surface Geology Report Metadata

Ontario Geological Survey 2010. Surficial geology of southern Ontario;
Ontario Geological Survey, Miscellaneous Release - Data 128 - Revised.

ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY



ID - ID applied to the Unit

Unit Name - Name of deposit

Deposit Type Code - The geological unit number taken from the original map legend.

Deposit Age - to show the age when the sediments were deposited, e.g., Wisconsinan, postglacial or recent.

Map Number - Original map series number, eg., 'M2402' or 'P1973'. Each sgu_point feature is tagged to its original map.

Map Name - Usually NTS area where mapping was completed, e.g., 'Golden Lake'

Source Map Scale - The scale at which the original map was captured, e.g., '1:50 000'

Primary Material - This attribute provides the user with information regarding the most prevalent material present within a given area.

Primary Material Modifier - This attribute provides the user with a more refined description of the lithological classification of the primary material.

Secondary Material - This attribute provides the user with information regarding subordinate materials present within a given area.

Primary General - This attribute provides the user with an interpretation of the depositional environment within which the primary material was deposited.

Primary General Modifier - This attribute provides the user with a refined interpretation of the primary genetic modifier.

Veneer - This attribute provides the user with information regarding the type of material that forms a thin, discontinuous veneer over the primary material.

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Phase - A diachronic stratigraphic unit in a lower order than Subepisode, and the proposed sequence-stratigraphic classification is listed in the following table in the eastern and northern Great Lakes area (Karrow et al. 2000)

Stratus Modifier - This attribute provides the user information regarding the stratigraphic position of the mapped unit (i.e., whether the unit occurs primarily on the surface or in the subsurface).

Provenance - This attribute provides the user with information regarding the provenance of a particular till unit (i.e. direction or lobe from which the till is derived).

Carbon Content - This attribute provides the user with information regarding the carbonate content of till.

Formation - This attribute provides the user with information regarding the formation to which a given primary material belongs (e.g., Tavistock Till, Port Stanley Till, Scarborough Formation). This attribute is seamless and allows the user to create a map based on formation.

Permeability - This attribute provides the user with basic information about permeability of the sediments in a ranking of high, medium and low.

Material Description - Material or sediment description, e.g., 'sand and silty fine sand', 'silty sand and gravel' and 'silty till with low stone content'.