

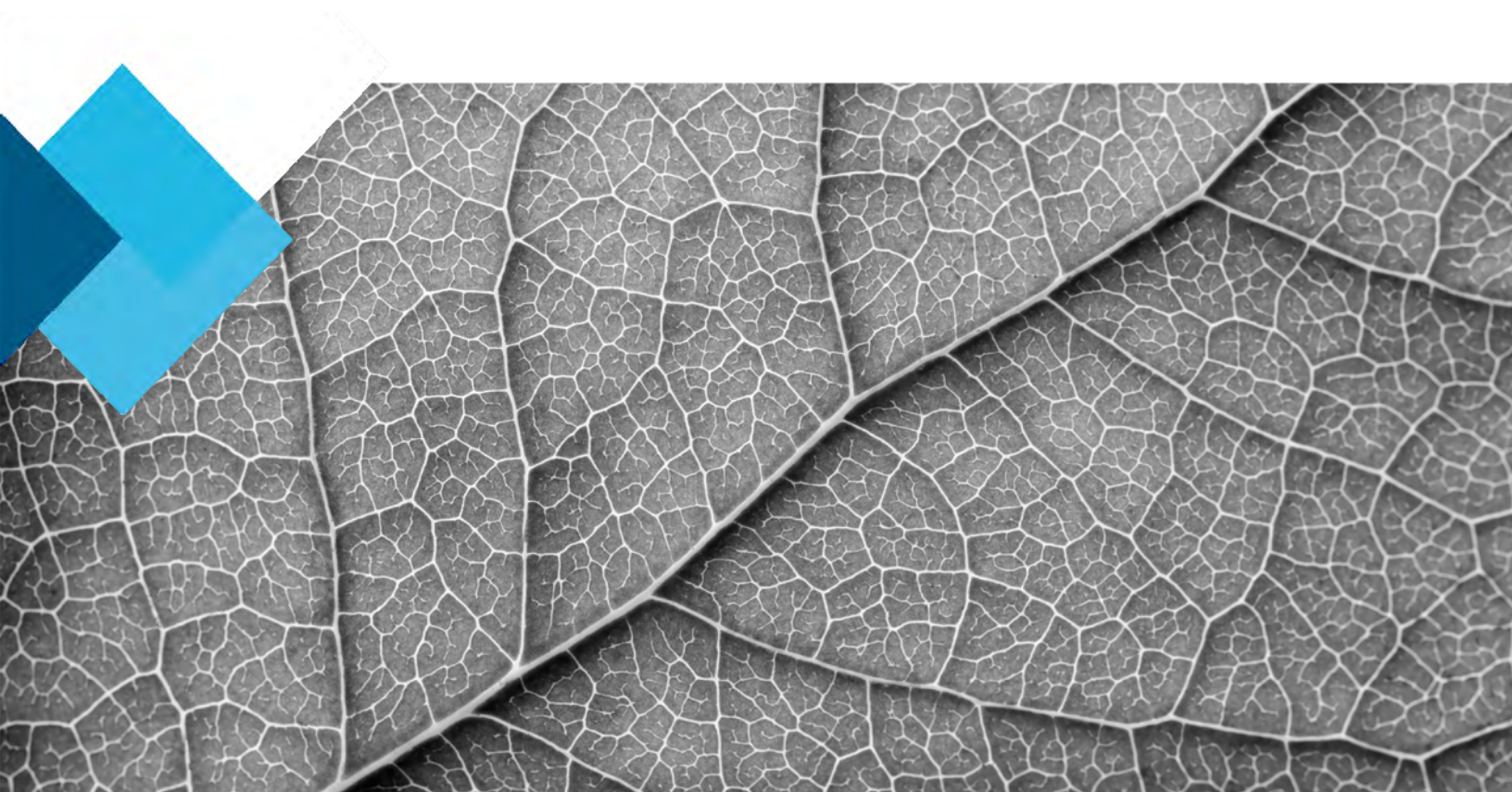


**SNC • LAVALIN**

# Phase One Environmental Site Assessment

2140 Baseline Road, Ottawa, Ontario

City of Ottawa



Environment & Geoscience

January 23, 2017

640516

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The findings, conclusions, and recommendations in this report (i) have been developed in a manner consistent with the level of skill normally exercised by professionals currently practicing under similar conditions in the area, and (ii) reflect SNC-Lavalin's best judgment based on information available at the time of preparation of this report. No other warranties, either expressed or implied, are made as to the professional services provided under the terms of our original contract and included in this report. The findings and conclusions contained in this report are valid only as of the date of this report and may be based, in part, upon information provided by others. If any of the information is inaccurate, new information is discovered, site conditions change, or applicable standards are amended, modifications to this report may be necessary. The results of this assessment should in no way be construed as a warranty that the subject site is free from any and all contamination.

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# 1 Executive Summary

The Environment & Geoscience business unit of SNC-Lavalin Inc. (SNC-Lavalin) was retained by the City of Ottawa (the City) to conduct a Phase One Environmental Site Assessment (ESA) for the City-owned property at 2140 Baseline Road, in Ottawa, Ontario. The Phase One Property (also referred to as the "site" in this report) includes land located south of Baseline Road, west of Constellation Drive and north of Gemini Way with a total area of approximately 0.75 acres (0.06 acres for 04692-0478 PIN, 0.04 acres for 04692-0323 PIN, 0.21 acres for 04692-1301 PIN, 0.43 acres for 04692-0309 PIN, and 0.02 acres for 04692-0454 PIN).

The objectives of the Phase One ESA were to document the presence or absence of areas of potential environmental concern (APECs), provide a record of the methodology followed in conducting the Phase One ESA, and determine whether further environmental investigation is required. The Phase One ESA work program was based on the requirements of Ontario Regulation (O. Reg.) 153/04, as amended, and included a review of available historical and regulatory information, interviews with individuals knowledgeable about the site, site reconnaissance, and presentation of conclusions based on an evaluation of all gathered information.

Previous ownership records and air photos suggest the site was privately owned prior to 1960 and likely used for agricultural purposes during this period. From 1960 to 1975, the site was Crown land and agricultural activities either continued during this time or fields were left fallow. The first developed use of the site is believed to be circa 1978 when excavation work in preparation for the Gemini Way and Constellation Drive roadways can be seen in air photos. By 1985, the initial configuration of Gemini Way and Constellation Drive roadways extended through the middle of the site. By 1991, Gemini Way and Constellation Drive roadways were reconfigured to include most of the property. Small landscaped areas were present in the northeast and southeast portions of the site. In 2009, the roadways were realigned to the present day configuration where Constellation Drive borders the eastern property boundary and Gemini Way borders the south property boundary of the site. The site is currently vacant, urban greenspace.

The site is currently owned by the City. Ownership was progressively transferred to the City (or its predecessors, the City of Nepean and the Regional Municipality of Ottawa-Carleton) in 1982, 1990, 1993, and 2009.

The results of the Phase One ESA are summarized in Table 1 (a summary of current and past uses of the Phase One Property), Table 2 [a summary of onsite and offsite potentially contaminating activities (PCAs)], and Table 3 [a summary of identified APECs and associated potential contaminants of concern (PCOC)]. Information for the Phase One Conceptual Site Model is illustrated in Figures 2, 4 and 5.

The Phase One ESA identified PCAs in the Phase One Study Area and APECs at the Phase One Property. Therefore, it is concluded that a Phase Two ESA (i.e. intrusive sampling investigation) would be required to satisfy the regulatory needs of a record of site condition (RSC) application for the site (note that SNC-Lavalin understands that the City presently has no intentions of seeking a RSC for the Phase One Property).

## 2 Introduction

SNC-Lavalin was retained by the City to conduct a Phase One ESA for the City-owned property at 2140 Baseline Road, in Ottawa, Ontario. Historical information for the Phase One ESA was gathered from August 2016 to December 2016. A site inspection was completed on October 6, 2016.

### 2.1 Phase One Property Information

The Phase One Property (also referred to as the "site" in this report) includes land located south of Baseline Road, west of Constellation Drive and north of Gemini Way with a total area of approximately 0.75 acres (0.06 acres for 04692-0478 PIN, 0.04 acres for 04692-0323 PIN, 0.21 acres for 04692-1301 PIN, 0.43 acres for 04692-0309 PIN, and 0.02 acres for 04692-0454 PIN). The property was formerly part of Constellation Drive and Gemini Way rights of way prior to those roads being realigned in 2009. The site is currently vacant, urban greenspace. The limits of the Phase One Property are illustrated in Figures 1 and 2.

Table A Site Information

<b>Municipal Address</b>	2140 Baseline Road, Ottawa, Ontario
<b>Legal Description</b>	Part of Lot 35, Concession 2 RF Nepean, Part Block 42 Plan 4M623, Part Block 41 Plan 4M623, all being Parts 2-4, 6-17, 23-35 on Plan 4R26884
<b>Property Identifier Number (PIN)</b>	Part of PIN 04692-0309 Part of PIN 04692-0454 Part of PIN 04692-1301 All of PIN 04692-0323 All of PIN 04692-0478
<b>Approximate Size:</b>	Approximately 0.75 acres (0.3 ha)

A legal survey plan showing the limits of the Phase One Property was not available. Copies of plans showing the boundaries used to establish the limits of the Phase One Property are included in Appendix A.

Table B Contact Information

<b>Site Owner</b>	City of Ottawa Rich Barker Advisor, Environmental Remediation
<b>Person Requesting Phase One ESA</b>	Environmental Remediation Unit, Realty Initiatives & Development Branch Corporate Real Estate Office, City of Ottawa 110 Laurier Avenue West, 5 <sup>th</sup> Floor West Ottawa, Ontario K1P 1J1

### 3 Scope of Investigation

The objectives of this Phase One ESA are to:

- › Document the presence or absence of areas of potential environmental concern (APECs);
- › Provide a record of the methodology followed in conducting the Phase One ESA; and,
- › Determine whether further investigation is required (e.g. Phase Two ESA).

The Phase One work program was based on the requirements of Ontario Regulation (O. Reg.) 153/04, as amended, subject to the following study limitations:

- › A Phase One ESA does not constitute a Compliance Audit. No review of environmental regulatory compliance was carried out as part of this assessment.
- › No soil, water, sediment, building materials or other samples were collected or analysed as part of this work program.
- › No identification or inspection of building materials, designated substances or other special attention items was conducted.
- › No assessment of vapour intrusion or indoor air quality was conducted.
- › Inspections of surrounding properties were limited to visual observations from the site and from publicly accessible vantage points.

To meet the objectives described above, SNC-Lavalin completed the following work:

- › Reviewed available historical and regulatory information for the site;
- › Requested interviews with individuals knowledgeable about the site;
- › Completed a site reconnaissance to observe the current condition of the site; and,
- › Provided conclusions based on an evaluation of information gathered during this investigation.

#### 3.1 Records Review Methodology

SNC-Lavalin conducted a review of historical and environmental records relating to the site and surrounding properties to identify evidence of actual or potential contamination in connection with the site. The following information sources were reviewed:

##### General Site Information

- › **Survey Plan** – A legal survey plan showing property boundaries and above ground infrastructure was not available at the time of completion of the current report. Copies of plans showing the boundaries used to establish the limits of the Phase One Property are included in Appendix A.
- › **Fire Insurance Plans** – Opta Environmental Services (OPTA), through Environmental Risk Information Service Ltd. (ERIS), was retained to obtain property underwriters' fire insurance plans, site plans and inspection reports for the site and adjacent properties to assess previous site activities and development.
- › **Chain of Title** – Read Abstracts Limited (Read Abstracts), through OPTA, was retained to complete a chain of title review from first developed use to the present. The chain of title was reviewed to identify previous property owners and to assist in identifying previous site activities and development, particularly those of environmental concern.

- › **Previous Environmental Reports** – No City environmental reports (i.e. documenting previous environmental investigations at the site) were available from the City for review.
- › **Municipal Directories** – In addition to the above record reviews which are required under O. Reg. 153/04, OPTA was also retained to conduct an optional search of municipal directories for the site and adjacent properties to assess previous occupancy, particularly those of environmental concern.

#### Environmental Source Information

- › **EcoLog ERIS Database Information** - ERIS was retained to conduct a search of sixty-three (63) publicly-available government and private source databases for the Phase One Study Area (i.e. the site and properties within 250 m of the site).
- › **Ontario Ministry of the Environment and Climate Change Freedom of Information Request** - A request was submitted under the Freedom of Information and Protection of Privacy Act (FOIPPA) to the Ontario Ministry of the Environment and Climate Change (MOECC) to obtain documents in their files pertaining to the site and/or adjacent properties.
- › **Technical Standards and Safety Authority Records** – A request was submitted to the Technical Standards and Safety Authority (TSSA) requesting a search of their files to provide copies of all records pertaining to the site. The TSSA search was also conducted to identify any adjacent sites for which they have records.
- › **Local Municipality** – The City provided the results of its search of its municipal databases, including the Historical Land Use Inventory (HLUI) database, for any environmental information pertaining to the site or surrounding area.

#### Physical Setting Sources

- › **Aerial Photographs** - Historical aerial photographs for the Phase One Study Area (the site and properties within 250 m of the site) were obtained from Natural Resources Canada's National Air Photo Library in Ottawa, Ontario and from the City of Ottawa's online GIS mapping application (available at <http://maps.ottawa.ca/geoOttawa/>). Specific aerial photographs were selected for review to identify and illustrate:
  - › Property use and development history at the site from the date of the first developed use of the site, where possible, to the current property use;
  - › The locations of buildings and structures present at the site during the time period for which aerial photograph coverage is available; and,
  - › Activities onsite or within the Phase One Study Area with the potential to impact soil or groundwater quality at the site.
- › **Topography, Hydrology, Geology, Water Bodies and Areas of Natural Significance** - The following resources/documents were reviewed in describing the physical setting of the site and surrounding area:
  - › Available topographic maps were referenced to describe the regional topography and to identify surface water bodies in the area of the site. This included the Ontario Base Map (OBM) covering the Phase One Study Area as provided by EcoLog ERIS.
  - › Available geologic maps which include the site and surrounding properties were reviewed to provide a description of the regional geology in the area of the site. Geologic mapping information was provided by EcoLog ERIS.



- › Areas of natural and scientific interest (ANSIs) and provincially-significant wetlands (PSWs) were identified based on mapping provided by EcoLog ERIS.
- › The City of Ottawa's Official Plan (available at <http://ottawa.ca/en/city-hall/planning-and-development/official-plan-and-master-plans/official-plan>) was reviewed to identify areas designated as environmentally significant within 250 m.
- › **MOECC Water Well Records** - A search of the MOECC database of water well records was conducted for a 500 m radius surrounding the site to identify potential potable water use in the area and to evaluate regional hydrogeological/geological characteristics.

#### Site Operating Records

- › No site operating records were available for review, including previous environmental or geotechnical investigations, City Infrastructure Services reports (i.e. related to road realignment) or other site specific records.

## 3.2 Interview Methodology

No interviews were conducted during the October 2015 site visit as there are no current site occupants and the site is vacant.

A telephone interview was conducted on January 18, 2017 with Bill Hamilton, an employee of Ottawa Community Lands Development Corporation (OCLDC), a development corporation of the City of Ottawa. The result of this interview was included in the current investigation.

## 3.3 Site Reconnaissance Methodology

SNC-Lavalin personnel conducted a visual inspection of the site on October 6, 2016 (after the preliminary records review) to document current site conditions and to identify potential environmental concerns. Adjacent properties were inspected from publicly accessible areas to investigate potential environmental concerns associated with current adjacent property uses.

## 3.4 Review and Evaluation of Information Obtained

Based on available historical information and observations made during the site reconnaissance, APECs were identified and a Phase One Conceptual Site Model (CSM) was developed.

## 4 Records Review

### 4.1 General

#### 4.1.1 Phase One Study Area Determination

The Phase One Property, adjacent properties and the Phase One Study Area are shown in Figure 2. The Phase One Study Area includes the site and all properties located wholly or partly within 250 metres of the site. The review of current and historical records as part of the current investigation did not identify any information that would warrant expansion of the Phase One Study Area beyond a 250 m radius.

#### 4.1.2 First Developed Use Determination

The first developed use of the site is believed to be circa 1978 when excavation work in preparation for the Gemini Way and Constellation Drive roadways can be seen in air photos. By 1985, the initial configuration of Gemini Way and Constellation Drive roadways extended through the middle of the site. Previous ownership records and air photos suggest the site was privately owned prior to 1960 and potentially used for agricultural purposes or left fallow prior to road construction.

#### 4.1.3 Fire Insurance Plans

OPTA, through ERIS, was contracted to provide property underwriters' fire insurance plans (FIPs) and any available site plans or inspection reports for the Phase One Property. No FIP covering the Phase One Property were provided; however, FIPs from 1965 were available for the Phase One Study Area and are included in Appendix B.

The 1965 FIPs included details for the residential development (Parkway Parks Apartments) located at 2045 Baseline Road, north of the Phase One Property across Baseline Road. The review of the 1965 FIPs identified approximately 26 apartment buildings within the Phase One Study Area, each with a boiler using oil as fuel.

#### 4.1.4 Chain of Title

OPTA was retained to conduct a chain of title search for the Phase One Property from first developed use to the present. A summary of the chain of title search results are provided in Appendix C.

The Phase One Property parcel is described as:

- › 2140 Baseline Road
- › PINs: 04692-0323, 04692-0478, and parts of 04692-0309, 04692-0454, 04692-1301
- › Part of Lot 35, Concession 2 RF Nepean, Part Block 42 Plan 4M623, Part Block 41 Plan 4M623, all being Parts 2-4, 6-17, 23-35 on Plan 4R26884

The chain of title review indicates that the Phase One Property was owned by private individuals prior to 1960 when lands were transferred to the Crown. Portions of the lands were transferred from the Crown to the Central Mortgage and Housing Corporation (CMHC) in 1975 and 1990. The lands were further divided as ownership of portions of the lands transferred from the CMHC to the Carleton Board of Education in 1978, the City of Nepean in 1982 and Arnon Developments in 1982. The portion of land owned by Arnon Developments transferred among developers between 1982 and 2009, before ownership of all parts of the property transferred to the City in 2009.

Ownership of the remaining portions of land had previously transferred ownership to the City in 1982 and 1990 (listed as City of Nepean) and 1993 (listed as Regional Municipality of Ottawa-Carleton). The City of Ottawa is registered as the current owner of all lands within the Phase One Property.

The chain of title included records of leases to Digital Equipment of Canada Limited. As the review of historical records did not identify any current or past buildings or structures at the site, this lease is believed to relate to the portion of the site used for parking for the building at 2 Constellation Drive (adjacent to the east; refer to aerial photographs from 1991 to 2008). The Phase One Property includes part of PIN 04692-1301 which extends east to include lands associated with 2 Constellation Drive.

#### 4.1.5 Municipal Directories

OPTA was contracted to provide a summary of site occupancy based on municipal directories. The summary provided listings from Vernon's municipal directories covering the site and adjacent properties for the years of 1960, 1965, 1970, 1975, 1979, 1984, 1988/89, 1995/96, 2001/2, 2005/6, and 2011. A copy of the directories search is provided in Appendix D.

The Phase One Property address of 2140 Baseline Road was not listed in any of the directories reviewed.

The review identified the following nearby listings of possible environmental significance:

Table C Municipal Directories Listings

Direction	Address	Year(s)	Listing
North	2045 Baseline Road	1965 to 2011	› Multi Tenant Residential
West	1 Centrepointhe Drive	1995/96 to 2011	› Multi Tenant Medical Building
South	55 Centrepointhe Drive	2001/2 to 2011	› Ottawa Carleton District School Board
East	2 Constellation Drive	1995/96 to 2011	› Various businesses including:
			› World Skills (Employment Centre)
			› Municipal Office
			› Branham Group (advisory services)
			› Municipal Tax Equity (financial services)
			› BNR Woodline (telecommunications research and development)

BNR (Bell Northern Research) was a telecommunications research and development company acquired by Nortel Networks in the mid-1990s. BNR occupancy at 2 Constellation Drive is listed for 1995/96 only. Nortel operations at the Woodline campus (which formerly included 2 and 100 Constellation Drive) are believed to have included training, supply management, human resources, real estate and finance administrative staff. Research and development activities may have also included laboratories.

### 4.1.6 Environmental Reports

No City environmental reports (i.e. documenting previous environmental investigations at the site) were available from the City for review.

## 4.2 Environmental Source Information

### 4.2.1 EcoLog ERIS Database Information

A copy of the EcoLog ERIS report is provided as Appendix E. The EcoLog ERIS report includes a complete listing of the sixty-three (63) databases searched which included the environmental sources referred to in Schedule D of O. Reg. 153/04 (paragraph 7 of subsection 3 (2)). The following sections summarize information from the EcoLog ERIS report which may be pertinent to the environmental condition of the site. Details included in the EcoLog ERIS report pertaining to boreholes or water wells at or in the vicinity of the site are discussed in Section 4.3.3.

#### 4.2.1.1 Records Reported for the Site

No environmental records were identified in the EcoLog ERIS report for the Phase One Property.

The ERIS report includes several unplotable listings associated with certificates of approval for sewage works registered to the CMHC and referencing Constellation Crescent. Based on past ownership of the Phase One Property by the CMHC, it is possible that these listings could be associated with the Phase One Property. In the absence of available records to confirm this, these activities have not been included as PCAs.

#### 4.2.1.2 Records Reported for the Study Area

The following environmental records were identified in the EcoLog ERIS report for other properties within the Phase One study area:

Table DEcoLog ERIS Identified Environmental Records for Study Area

Address (Business Name)	Approximate Location Relative to the Site	Database Reviewed	Date	Potential Environmental Concern
<b>Baseline Rd &amp; Constellation Cres (City of Ottawa)</b>	Immediately adjacent to northeast	CA	Issued May 13, 2009	› Certificate of Approval for municipal and private sewage works
<b>2 Constellation Cres (Bell Northern Research Ltd.)</b>	Adjacent to east (across Constellation Cres)	GEN	1989 and 1990, 1992 to 2001	› Waste Generator Registration for one or more of waste class 112 (acid waste – heavy metals), 121 (alkaline waste – heavy metals), 148 (inorganic laboratory chemicals), 212 (aliphatic solvents), 241 (halogenated solvents) and 263 (organic laboratory chemicals) › Associated with telecommunications

<b>2 Constellation Cres</b> <b>(Bell Northern Research Limited)</b> <b>*Unplottable listing references Baseline Road and is believed to be associated with this address.</b>	Adjacent to east (across Constellation Cres)	CA	Issued Aug 17, 1989	<ul style="list-style-type: none"> <li>› Certificate of Approval (Air Industrial) for a fume hood.</li> <li>› An EBR listing in 1997 for Bell Northern Research Limited confirms an approval for discharge to the natural environment other than water. No address is listed.</li> </ul>
<b>Possibly 2 Constellation Cres</b> <b>(Bell Northern Research Limited)</b> <b>*Unplottable with no geographic reference.</b>	Adjacent to east (across Constellation Cres)	NPCB	1992	<ul style="list-style-type: none"> <li>› Storage Only</li> </ul>
<b>2 Constellation Cres</b> <b>(Arnon Corporation)</b> <b>*Unplottable listing references Woodline Campus and is believed to be associated with this address.</b>	Adjacent to east (across Constellation Cres)	CA	Issued Aug 7, 1997	<ul style="list-style-type: none"> <li>› Certificate of Approval for municipal sewage</li> </ul>
<b>1 Centreponte Drive</b> <b>(Nepean Medical Centre Inc. / ProMed One Centrepont Ltd. / Mohawk Medical Management Property Management)</b>	Adjacent to west	GEN	1994 to 2013, as of 2014	<ul style="list-style-type: none"> <li>› Waste Generator Registration for waste class 312 (pathological wastes) and 261 (pharmaceuticals)</li> <li>› Associated with medical centre</li> </ul>
<b>1 Centreponte Drive</b> <b>(Dr. Dale Fyman, Dentist / Andreia Barta-sima )</b>	Adjacent to west	GEN	2000 and 2001, 2007 to 2010	<ul style="list-style-type: none"> <li>› Waste Generator Registration for waste class 264 (photoprocessing wastes)</li> <li>› Associated with dentistry</li> </ul>





<b>55 Centrepoin te Drive</b> (Sir Guy Carleton Secondary School)	Approximately 200 m south	GEN	1992 to 2013, as of 2015	<ul style="list-style-type: none"> <li>Waste Generator Registration for one or more of waste class 112 (acid solutions – containing heavy metals), 121 (alkaline wastes – heavy metals), 145 (paint/pigment/coating residues), 146 (other specified inorganics), 148 (inorganic laboratory chemicals), 212 (aliphatic solvents), 213 (petroleum distillates), 251 (oil skimmings &amp; sludges), 252 (waste oils &amp; lubricants), 263 (organic laboratory chemicals), 264 (photoprocessing wastes), and 331 (waste compressed gases).</li> <li>Associated with secondary education</li> </ul>
<b>100 Constellation Cres</b> (City of Ottawa)	Approximately 150 m east southeast	CA	Issued March 4, 2008	<ul style="list-style-type: none"> <li>Certificate of Approval for municipal and private sewage works</li> </ul>
<b>100 Constellation Cres</b> (Ottawa Public Health Environment & Health Protection)	Approximately 150 m southeast	GEN	2005 to 2013, as of May 2015	<ul style="list-style-type: none"> <li>Waste Generator Registration for one or more of waste class 252 (waste oils &amp; lubricants), 261 (pharmaceuticals) and 312 (pathological wastes)</li> </ul>
<b>100 Constellation Cres</b> (City of Ottawa)	Approximately 150 m southeast	GEN	2006 to 2009, 2013, as of April 2014	<ul style="list-style-type: none"> <li>Waste Generator Registration for one or more of waste class 121 (alkaline wastes – heavy metals), 252 (waste oils &amp; lubricants), 112 (acid waste – heavy metals), 331 (waste compressed gases), 221 (light fuels), 312 (pathological waste), 147 (chemical fertilizer wastes), 212 (aliphatic solvents), 261 (pharmaceuticals), 263 (organic laboratory chemicals), 145 (paint/pigment/coating residues), 242 (halogenated pesticides), 148 (inorganic laboratory chemicals), and 146 (other specified inorganic sludges, slurries or solids)</li> </ul>
<b>100 Constellation Cres</b> (Nortel Networks Corporation / Nortel Technology)	Approximately 150 m east southeast	GEN	1998 to 2004	<ul style="list-style-type: none"> <li>Waste Generator Registration for waste class 148 (inorganic laboratory chemicals) and 253 (emulsified oils)</li> </ul>
<b>Possibly 100 Constellation Cres</b> (Nortel Networks) *Unplottable with no geographic reference.	Approximately 150 m east southeast	SPL	Oct 3, 2005	<ul style="list-style-type: none"> <li>Spill to air of halon (CFC)</li> </ul>



<b>100 Constellation Cres</b> (Arnone Paving Inc. / Arnon)	Approximately 150 m east southeast	SPL	Reported August 19, 2009	› Approximately 30 L hydraulic oil spill to ground
			Reported October 18, 2011	› Approximately 10 L hydraulic oil to sidewalk (unplottable listing references Arnone Paving and is believed to be associated with this address)
			Reported January 24, 2012	› Approximately 1 L gasoline to catchbasin
<b>1400 Highgate Road</b> (City of Ottawa – OC Transpo)	Approximately 240 m west	SPL	Reported October 15, 2010	› Approximately 20 L engine coolant to catchbasin
<b>1303 Fellows Road</b> (Conseil des Ecoles catholiques du Centre-Est)	Approximately 200 m north	GEN	2002 to 2006, 2011 to 2013, as of May 2015	› Waste Generator Registration for one or more of waste class 252 (waste oils & lubricants), 112 (acid waste – heavy metals), 121 (alkaline wastes – heavy metals), 122 (alkaline wastes – other metals), 263 (organic laboratory chemicals), 146 (other specified inorganics), 145 (paint/pigment/coating residues), 148 (inorganic laboratory chemicals), and 331 (waste compressed gases including cylinders) › Associated with education
<b>1303 Fellows Road</b> (St. Raymonds Intermediate School)	Approximately 200 m north	GEN	1992 to 1998	› Waste Generator Registration for waste class 148 (inorganic laboratory chemicals) › Associated with education

List of Databases:

CA – Certificates of Approval

GEN – Ontario Regulation 347 Waste Generators Summary

NPCB – National PCB Inventory

SPL – Ontario Spills

The EcoLog ERIS report also identified listings associated with properties potentially within the study area for which no geographic location was identified (i.e. unplottable listings):

- › These included certificates of approval, environmental registry listings, and waste generator registrations. Based on the information available for these listings, no potential impacts to soil and/or groundwater quality within the Phase One Property are anticipated.
- › The unplottable listings included several additional spills involving heating oil / diesel fuel / coolant. These have not been included as potential environmental concerns as the descriptions for these spills suggest they are not located within the Phase One Study Area.

PCAs identified through listings in the EcoLog ERIS report are presented in Table 2.

#### 4.2.2 MOECC Freedom of Information (FOI) Request

A search of MOECC files was requested through the Freedom of Information and Protection of Privacy Act (FOIPPA) for the site. A copy of the response from the MOECC received on September 14, 2016, indicating that no records were located, is included in Appendix F.

#### 4.2.3 Local Municipality

The City provided results from a search of their Historical Land Use Inventory (HLUI) database. A copy of these results is provided in Appendix H.

The HLUI summary identified the following details associated directly with the Phase One Property. However, the PINs and addresses noted for these listings do not correspond to any of the PINs or addresses associated with the Phase One Property, and are therefore not considered to be occurring directly on the Phase One Property.

- › Constellation Drive (considered as adjacent to east, across Constellation Drive) – Rezoned as private snow dump in 1999, Other Utility Industries, Arnon;
- › 1 CentrepoinTE Drive (adjacent to west) - Medical and Other Health Laboratories, Diagnostic Care Inc.; and,
- › 55 CentrepoinTE Drive (adjacent to south, across Gemini Way) - Elementary and Secondary Education, Ottawa-Carleton District School Board.

The summary also included the following results for properties within 250 m of the site:

- › 2 Constellation Drive (adjacent to east, across Constellation Drive) – Laboratories, Northern Telecom (Nortel);
- › 100 Constellation Drive (approximately 150 m southeast of the site) – Communication and Other Electronic Equipment Industries, Nortel Woodline; and,
- › 1400 Woodroffe Avenue (approximately 125 m east of the site) – Public Passenger Transit Systems Industries, OC Transpo.

#### 4.2.4 Technical Standards and Safety Authority

A search of Technical Standards and Safety Authority (TSSA) records of retail fuel facilities and registered storage tanks was requested for the Phase One Property and adjacent properties for which municipal addresses were available. A copy of the response is included as Appendix H.

The response from the TSSA, dated August 22, 2016, indicated there were no records on file for the Phase One Property or adjacent properties.

### 4.3 Physical Setting Sources

#### 4.3.1 Aerial Photographs

Aerial photographs available at the National Air Photo Library (NAPL) in Ottawa, Ontario were reviewed and included photographs taken in 1995, 1985, and 1978. Aerial photographs taken in 2014, 2009, 2008, 2002, 1991, 1976, 1965, and 1958, available through the City of Ottawa's online GIS mapping application (<http://maps.ottawa.ca/geoOttawa/>) were also reviewed. The review of aerial photographs included at least one photograph per decade since at least the first developed use of the site (determined to be circa

1978, refer to Section 4.1.2) where such photographs were available. Copies of the aerial photographs reviewed are provided in Appendix I.

A summary of general observations with respect to buildings and structures and potential property uses and activities on the Phase One Property and within the Phase One Study Area is provided in Appendix I.

Based on the review of available aerial photographs, the site was either used for agricultural activities or left fallow or vacant until at least 1976. The ground surface appears disturbed in 1976 and excavation work in preparation for the Gemini Way and Constellation Drive roadways can be seen in 1978. By 1985, the initial configuration of Gemini Way and Constellation Drive roadways extended through the middle of the site. The remaining land is vacant and grass covered. By 1991, Gemini Way and Constellation Drive roadways were reconfigured to include most of the property. Small landscaped areas were present in the northeast and southeast portions of the site. A small portion of paved parking for the building at 2 Constellation Drive extended onto the northeast portion of the site as shown in aerial photographs from 1991 to 2008. In 2009, the roadways were realigned such that Gemini Way borders the site on the south, and Constellation Drive borders the site on the east.

### 4.3.2 Physical Mapping Sources

ERIS was contracted to provide copies of maps covering the Phase One Study Area, including mapping of topography (from OBMs), physiography, surficial soils, surficial and bedrock geology, and areas of natural and scientific interest (ANSI). Copies of the maps provided by ERIS are included as Appendix J. Interpretations of these maps are provided below.

#### 4.3.2.1 Topography, Hydrology and Geology

The location of the Phase One Property is illustrated on the OBM map (note that Gemini Way and Constellation Drive are shown in their initial 1985 configuration). Two water bodies are shown within the Phase One Study Area on the OBM map: Pinecrest Creek located approximately 200 m northeast of the Phase One Property; and an unnamed water body approximately 175 m to the southwest. The Phase One Property is located at an elevation of approximately 86 m above mean sea level. The topography in the vicinity of the site is relatively flat.

The physiography map from ERIS shows the Phase One Study Area to be within the Ottawa Valley Clay Plains. Surface geology is described as alluvial deposits, consisting of sand and silt. Bedrock in the Phase One Study Area consists of limestone, dolostone, shale, arkose and sandstone of the Ottawa Group, Simcoe Group, Shadow Lake Formations of the Middle Ordovician.

Based on publicly available borehole and water well records (refer to Section 4.3.3), surficial soils were generally described as grey clay to depths of approximately 5.2 to 12.2 m below ground surface (bgs) followed by limestone.

#### 4.3.2.2 Fill Materials

Aerial photographs identified the possible presence of fill for the formation of the roadways intersecting the site.

#### 4.3.2.3 Water Bodies

Based on the OBM map and aerial photos, Pinecrest Creek is identified within the Phase One Study Area, approximately 200 m northeast of the Phase One Property. Pinecrest Creek discharges to the

Ottawa River approximately 3.1 km north of the Phase One Property. The unnamed water body identified approximately 175 m southwest of the site appears to be a surface water retention feature or recharge area.

#### 4.3.2.4 Areas of Natural Significance

Mapping provided by ERIS did not identify any areas of natural and scientific interest (ANSI) within the Phase One Study Area.

A review of the City of Ottawa's Official Plan [Schedule K (Environmental Constraints) and Schedule L3 (Natural Heritage Overlay West); City of Ottawa, 2016] did not identify any provincially significant earth science ANSIs or Natural Heritage System features within the Phase One Study Area.

#### 4.3.2.5 Species at Risk

A search of the Ontario Ministry of Natural Resources' (MNR) Natural Heritage Information Centre (NHIC) database (MNR, 2016) was conducted to identify species of potential concern within 1 km of the site. A copy of the search results is provided in Appendix J and includes a summary of species at risk that could potentially be found in the area of the site.

Based on the presence of a small vegetated area within the northeast corner of the site, it is possible that the site could support habitat for species of potential concern. Further assessment and/or mitigation plans pertaining to species of potential concern may be necessary prior to significant disruption of undeveloped/treed portions of the site. This is beyond the scope of this report.

### 4.3.3 Well Records

A search of water well records within 500 m of the site was requested from the Environmental Monitoring and Reporting Branch of the MOECC. A copy of the MOECC water well computer printout (which includes depth to water and geology) is provided in Appendix K and the locations of records within the Phase One Study Area are shown in Figure K.1.

The search identified three (3) records for domestic use wells within the Phase One Study Area, installed in 1951, 1953, and 1978. No records were identified within the Phase One Property.

Details for the well records identified within the Phase One Study Area included static water levels ranging from 6.1 to 12.2 m bgs and bedrock described as limestone at depths ranging from 5.2 to 12.2 m bgs. Information obtained through the search of the MOECC's water well database is consistent with the information obtained from the ERIS report (WWIS database).

A review of Schedule K (Environmental Constraints) of Official Plan for the City of Ottawa (City of Ottawa, 2015) identified that the Phase One Study Area is within an intake protection zone.

## 4.4 Site Operating Records

No site operation records, including City Infrastructure Services reports (i.e. related to road realignment), were available for review.



## 5 Interviews

No interviews were conducted during the site visit because there were no personnel onsite and the site is vacant.

A telephone interview was conducted on January 18, 2017 with Bill Hamilton, an employee of Ottawa Community Lands Development Corporation (OCLDC), a development corporation of the City of Ottawa. Mr. Hamilton provided the following information regarding the site:

- › Mr. Hamilton indicated that the parcel of land was the result of road remnants after realignment, and as a result, no specific City department had ownership of the site;
- › He indicated he acted in a sales role for the property on behalf of the City;
- › He indicated he was not aware of any other past activities at the site (aside from roadways), nor potential City-related activities at offsite neighbouring properties;
- › Mr. Hamilton was not aware of any spills, environmental concerns or other issues at the site or offsite neighbouring properties; and,
- › No environmental or geotechnical studies were found in City files related to the site.

## 6 Site Reconnaissance

### 6.1 General Requirements

The site reconnaissance was conducted on October 6, 2016 to observe and document site infrastructure, environmental conditions and surrounding property use. The site visit was conducted by SNC-Lavalin personnel, Melanie Siewert, P.Geo. (Limited). As the site is vacant, no other individuals were present during the site visit.

The site reconnaissance commenced at 9:00 am and was completed at 10:00 am. Weather conditions at the time of inspection were clear, with a temperature of approximately 17 ° Celsius. Photographs taken during the site visit are included in Appendix L.

The site layout at the time of the inspection and features described in the following sections are presented in Figure 3. The site consisted of municipally-owned land. The Phase One Property was vacant/undeveloped and landscaped (i.e. largely grass-covered, with mature trees in northeast corner).

### 6.2 Specific Observations at the Phase One Property

#### 6.2.1 Above Ground Structures

Above ground utilities were present along Baseline Road (hydro) and Gemini Way and Constellation (street lights). No other above ground structures were present within the Phase One Property.

#### 6.2.2 Below Ground Structures

Below ground utilities were present along Gemini Way (manholes) and near southeast and northeast corners of property (catch basins/storm sewers). An irrigation cover was identified near the northwest portion of the site, adjacent to the parking lot of 1 Centrepointhe Drive. No other evidence of below ground structures were observed within the Phase One Property.

#### 6.2.3 Bulk Storage Tanks

No bulk storage tank structures were observed within the Phase One Property.

#### 6.2.4 Potable and Non-Potable Water Usage

No evidence of onsite potable water use or supply was observed during the site visit.

#### 6.2.5 Site Features

##### 6.2.5.1 Wells

No evidence of onsite monitoring wells was observed during the site visit.

##### 6.2.5.2 Septic Systems

No evidence of septic tanks or tile beds was observed during the site visit.

#### 6.2.5.3 Ground Cover

The Phase One Property was landscaped (i.e. largely grass-covered, with mature trees in northeast corner). Two (2) pedestrian dirt pathways (i.e. trespasser paths) crossed the south portion of the site.

#### 6.2.5.4 Railway Lines

No railway lines were observed during the site visit.

#### 6.2.5.5 Ground Staining

No ground staining was observed during the site visit.

#### 6.2.5.6 Stressed Vegetation

One (1) dead mature tree was present in the northeast corner of the site. Two (2) stressed smaller trees were present along the northern property boundary. No other obvious evidence of stressed vegetation was noted during the site visit.

#### 6.2.5.7 Evidence of Fill Materials

Concrete exposed at surface was observed northeast of the trees and southwest of the trees on the site.

#### 6.2.5.8 Topography and Drainage

The topography across the site was relatively flat, with sides sloping down towards adjacent roads and parking lot (i.e. the site is slightly mounded, approximately 1-2 m higher than surrounding properties).

Drainage across the site appeared to be primarily by infiltration. Stormwater drains/catch basins were observed near the southeast and northeast corners of property. No ditches were present.

#### 6.2.5.9 Site Access

There were no maintained access points for the site.

#### 6.2.5.10 Waste Materials

One (1) plastic juice container was observed on the site. No other evidence of waste materials was observed.

#### 6.2.5.11 Pits or Lagoons

No pits or lagoons were identified at the site during the site visit.

#### 6.2.5.12 Standing Water

No standing water was observed on the site.

#### 6.2.5.13 Bedrock Outcrops

No bedrock outcrops were observed at the site during the site visit.

#### 6.2.5.14 Unidentified Substances

No unidentified substances were observed during the site visit.

#### 6.2.5.15 Odours

No odours were noted during the site visit.

### 6.3 Species at Risk – Site Observations

No wildlife was observed at the site during the site visit.

### 6.4 Surrounding Properties

Adjacent and surrounding properties within the Phase One Study Area were observed from the boundaries of the subject site and from publicly accessible areas.

The following table provides a summary of observations of adjacent properties. Property uses identified in Figure 2 are based on the most sensitive property use at each property.

Table E Adjacent and Surrounding Property Uses

Adjacent Property Address	Location in Relation to Phase One Property	Property Use/Occupant/Observations
<b>2045 Baseline Road</b>	North (across Baseline Road)	Residential: › Multi family 3-storey apartment buildings
<b>2 Constellation Drive</b>	East (across Constellation Drive)	Commercial: › 8-storey office building › Government services
<b>1 CentrepoinTE Drive</b>	East	Commercial: › 4-storey office building › Nepean Medical Centre and parking lot
<b>55 CentrepoinTE Drive</b>	South (across Gemini Way)	Community/Institutional: › Recreational sports fields (soccer/football); open, grassed, partially fenced with sport goal posts › Sir Guy Carleton High School beyond to the South

### 6.5 Written Description of Investigation

The site reconnaissance was conducted by visiting and observing the site and publicly accessible portions of the Phase One Study Area. Preliminary information obtained from the records review was considered prior to conducting the site visit.

Several potentially contaminating activities (PCAs) were identified during the site reconnaissance. The PCAs, and resulting areas of potential environment concern (APECs) on the subject property, are discussed in Section 7.

## 7 Review and Evaluation of Information

### 7.1 Current and Past Uses

Table 1 provides a summary of current and past property uses at the Phase One Property. Figure 3 illustrates the current site layout and identifies the locations of historical features identified within the Phase One Property.

Previous ownership records and air photos suggest the site was privately owned prior to 1960 and likely used for agricultural purposes during this period. From 1960 to 1975, the site was Crown land and agricultural activities either continued during this time or fields were left fallow. The first developed use of the site is believed to be circa 1978 when excavation work in preparation for the Gemini Way and Constellation Drive roadways can be seen in air photos. By 1985, the initial configuration of Gemini Way and Constellation Drive roadways extended through the middle of the site. By 1991, Gemini Way and Constellation Drive roadways were reconfigured to include most of the property. Small landscaped areas were present in the northeast and southeast portions of the site. A small portion of paved parking for the building at 2 Constellation Drive extended onto the northeast portion of the site as shown in aerial photographs from 1991 to 2008. In 2009, the roadways were realigned to the present day configuration where Constellation Drive borders the eastern property boundary and Gemini Way borders the south property boundary of the site. The site is currently vacant, urban greenspace.

The site is currently owned by the City. Ownership was progressively transferred to the City (or its predecessors, the City of Nepean and the Regional Municipality of Ottawa-Carleton) in 1982, 1990, 1993, and 2009.

No site operating records were available for review, including previous environmental or geotechnical investigations, City Infrastructure Services reports (i.e. related to road realignment) or other site specific records.

### 7.2 Potentially Contaminating Activities

Information obtained from the records review and from observations made during the site visit was evaluated and PCAs were identified at the Phase One Property, on properties adjacent to the subject site and within the Phase One Study Area. PCAs identified through the course of the current investigation are identified and discussed in Table 2.

### 7.3 Areas of Potential Environmental Concern

Based on the PCAs identified in Table 2, APECs and associated PCOC that could impact the media identified at the site are described in detail in Table 3.



## 7.4 Phase One Conceptual Site Model

The results of the Phase One ESA were used to develop a Phase One Conceptual Site Model (CSM). Information for the CSM is illustrated in Figures 2 and 4, including:

- existing buildings, structures, and roadways, if any, within the Phase One Study Area;
- water bodies and areas of natural significance, if any, within the Phase One Study Area (also discussed in Section 4.3.2);
- drinking water wells, if any, at the Phase One Property (also discussed in Section 4.3.3);
- property uses within the Phase One Study Area;
- areas where any PCAs have occurred and/or approximate locations of known current or former bulk storage tanks within the Phase One Study Area (also discussed in Section 7.2); and,
- any resulting APECs within the Phase One Property (also discussed in Section 7.3).

The following table provides additional narrative details relevant to the CSM.

Table F Details for Conceptual Site Model (CSM)

CSM Components	Details
<b>Topography</b>	The topography across the site is relatively flat, with sides sloping down towards adjacent roads and parking lot (i.e. the site is slightly mounded, approximately 1-2 m higher than surrounding properties).
<b>Water Bodies</b>	Pinecrest Creek is identified within the Phase One Study Area, approximately 200 m northeast of the Phase One Property. It discharges to the Ottawa River approximately 3.1 km north of the Phase One Property. An unnamed water body was identified approximately 175 m southwest of the site and appears to be a surface water retention feature or recharge area.
<b>Areas of Natural Significance</b>	No ANSIs were identified within the Phase One Study Area.
<b>Surficial Geology</b>	The Phase One Study Area is located within the Ottawa Valley Clay Plains. Surficial geology reportedly consists predominantly of alluvial deposits, consisting of sand and silt. Based on publicly available borehole and water well records for the Phase One Study Area, surficial soils have been described as grey clay.
<b>Fill</b>	Aerial photographs identified the possible presence of fill throughout the Phase One Property based on former development as roadways in several configurations. The site was also observed to be mounded and at a higher elevation than immediately surrounding lands.
<b>Bedrock Geology</b>	Bedrock in the area reportedly consists of limestone, dolostone, shale, arkose and sandstone of the Ottawa Group, Simcoe Group, Shadow Lake Formations of the Middle Ordovician. Based on publicly available borehole and water well records for the Phase One Study Area, limestone bedrock has been encountered in the area at depths of approximately 5.2 to 12.2 m bgs.

<b>Groundwater/Hydrogeology</b>	Based on publicly available borehole and water well records for the area, three (3) records for domestic use wells were identified within the Phase One Study Area. Static water levels ranged from 6.1 to 12.2 m bgs. No drinking water wells were identified within the Phase One Property.
<b>Underground Utilities</b>	Underground utilities within the Phase One Property are present along Gemini Way (manholes) and near southeast and northeast corners of property (catch basins/storm sewers). An irrigation cover was identified near the northwest portion of the site, adjacent to the parking lot of 1 Centrepoinette Drive. No other underground utilities are known to be present within the Phase One Property.
<b>Potential Use/Development</b>	<b>Future Property</b> The City has indicated that sale and potential future development of the site is likely. The planned future use of the site is not known.

## 7.5 Uncertainties

The following table summarizes uncertainty or absence of information reviewed as part of the current Phase One ESA.

Table G Uncertainties or Absence of Information

Uncertainty	Details	Potential effect
<b>Potential import of fill material for roadway base construction</b>	Fill material was likely imported for the roadway base construction across the site. No City records on road construction were available for review.	The source and nature of fill imported to the site is not known.
<b>Unknown activities associated with disturbed soil</b>	Disturbed soil was noted in the 1976 and 2009 aerial photographs and is presumed to be associated with road construction. No details on past site activities were available.	It is possible that soil disturbances were related to other unknown activities.
<b>Fuel spills of heating oil/diesel fuel/coolant (location unknown)</b>	The ERIS report identified records of spills; however, the ERIS report could not provide locations for these occurrences (i.e. unplotable records).	The locations of these spills in relation to the Phase One Property are not known and are believed to be outside the Phase One Study Area.
<b>PCB storage at 2 Constellation Dr</b>	The ERIS report identified records of PCB storage; however, the ERIS report could not provide locations for these occurrences (i.e. unplotable records). Based on the registered company name (Bell Northern Research Ltd.) it is possible the listing is for 2 Constellation Dr.	The storage location is inferred. It is possible that this activity occurred outside the Phase One Study Area.
<b>Domestic wells in Phase One Study Area</b>	Three (3) domestic wells were identified within the Phase One Study Area, from water well records and the ERIS report.	As all developed properties within the Phase One Study Area are municipally serviced for water (Mississippi-Rideau, 2010), the wells are unlikely to be in use; however, there are no records confirming the abandonment of these wells.

**Activities at  
Nortel/Bell-  
Northern  
Research Ltd.  
buildings at 2  
Constellation Dr**

The HLUI identified Nortel laboratories present at 2 Constellation Dr. Waste generator registrations were listed for this address from 1989 to 2001 and municipal directories identified BNR (later Nortel) at the address in 1995/96. No further records were available to confirm the activities which occurred at this property. Based on the gathered data, Nortel/BNR activities at the site are believed to be primarily administrative (e.g. supply management, human resources, finance, etc.). Research and development laboratories at the site were inferred to be small in scale and it was inferred that no manufacturing or processing activities were conducted at this property.

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Additional PCOCs may be present if manufacturing or processing activities related to telecommunications occurred at this property.

## 8 Conclusions

The Phase One ESA identified a number of APECs and PCOCs at the Phase One Property. Therefore, it is concluded that a Phase Two ESA (i.e. intrusive sampling investigation) would be required to satisfy the regulatory needs of a record of site condition (RSC) application (note that SNC-Lavalin understands that the City presently has no intentions of filing a RSC for the Phase One Property).

## 9 Closure

### 9.1 QP Statement

The Phase One ESA was supervised by the undersigned qualified person(s) and all findings and conclusions of the Phase One ESA are included in the report.

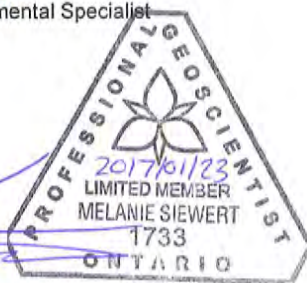
Prepared by:

*Emily Hopkins*

Emily Hopkins, B.Eng., M.A.Sc.

Engineering Trainee (EIT) / Environmental Specialist

Reviewed by:



Melanie Siewert, P.Geo. (Limited)

Senior Environmental Geoscientist

Environment & Geoscience  
Infrastructure

## 10 References

City of Ottawa. Official Plan for the City of Ottawa. Reviewed November and December, 2016.

Ministry of Natural Resources (MNR) Natural Heritage Information Centre (NHIC), 2016. <http://www.nhic.mnr.gov.on.ca>. Database accessed October 17, 2016.

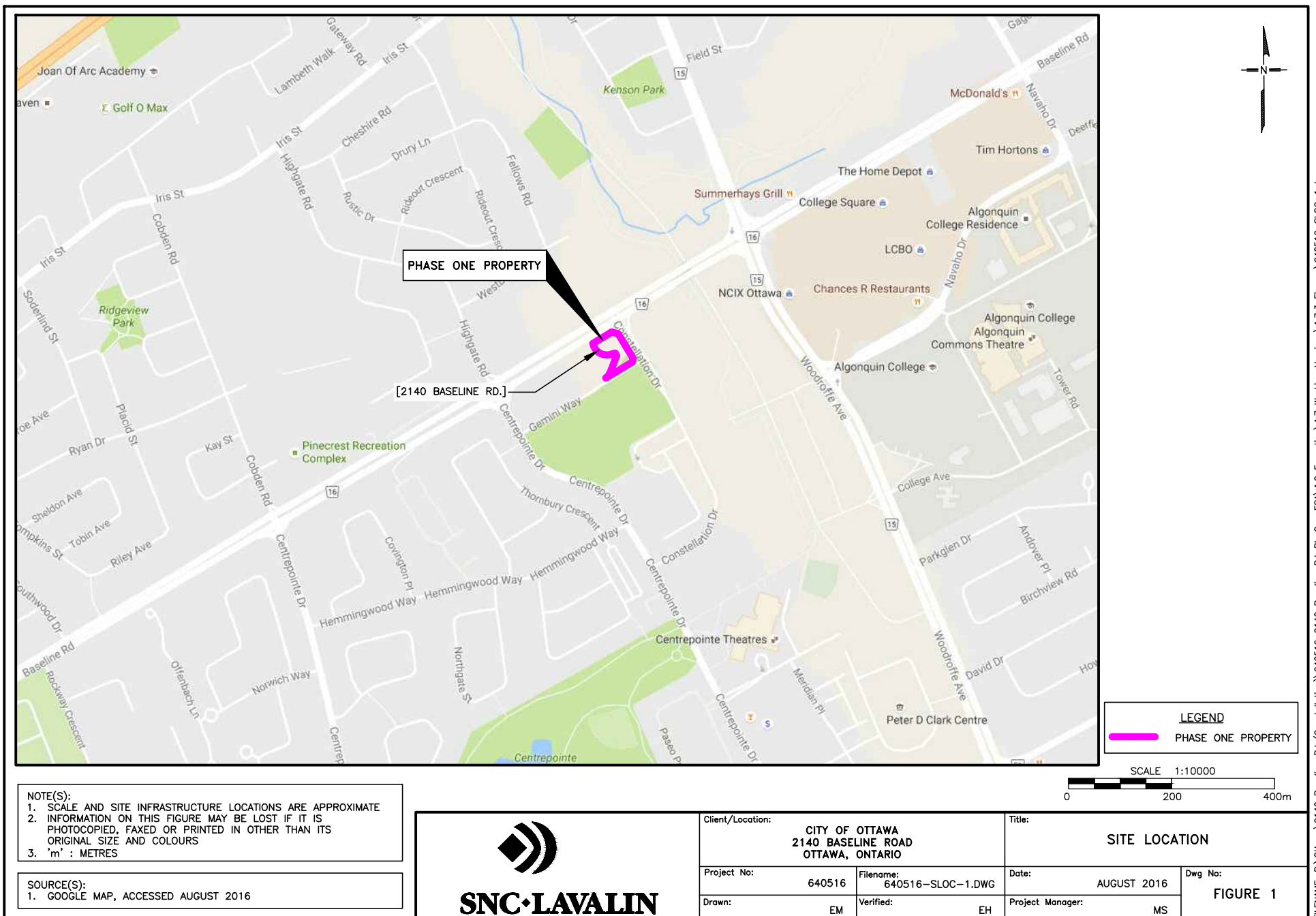
Mississippi Valley Conservation and Rideau Valley Conservation Authority (Mississippi-Rideau), 2010. Mississippi-Rideau Source Protection Region – Water Service Areas. Figure 2-23. September 17, 2010.

Ontario Ministry of the Environment and Climate Change (MOECC), 2011. Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the *Environmental Protection Act*, April 15, 2011.

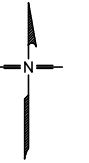
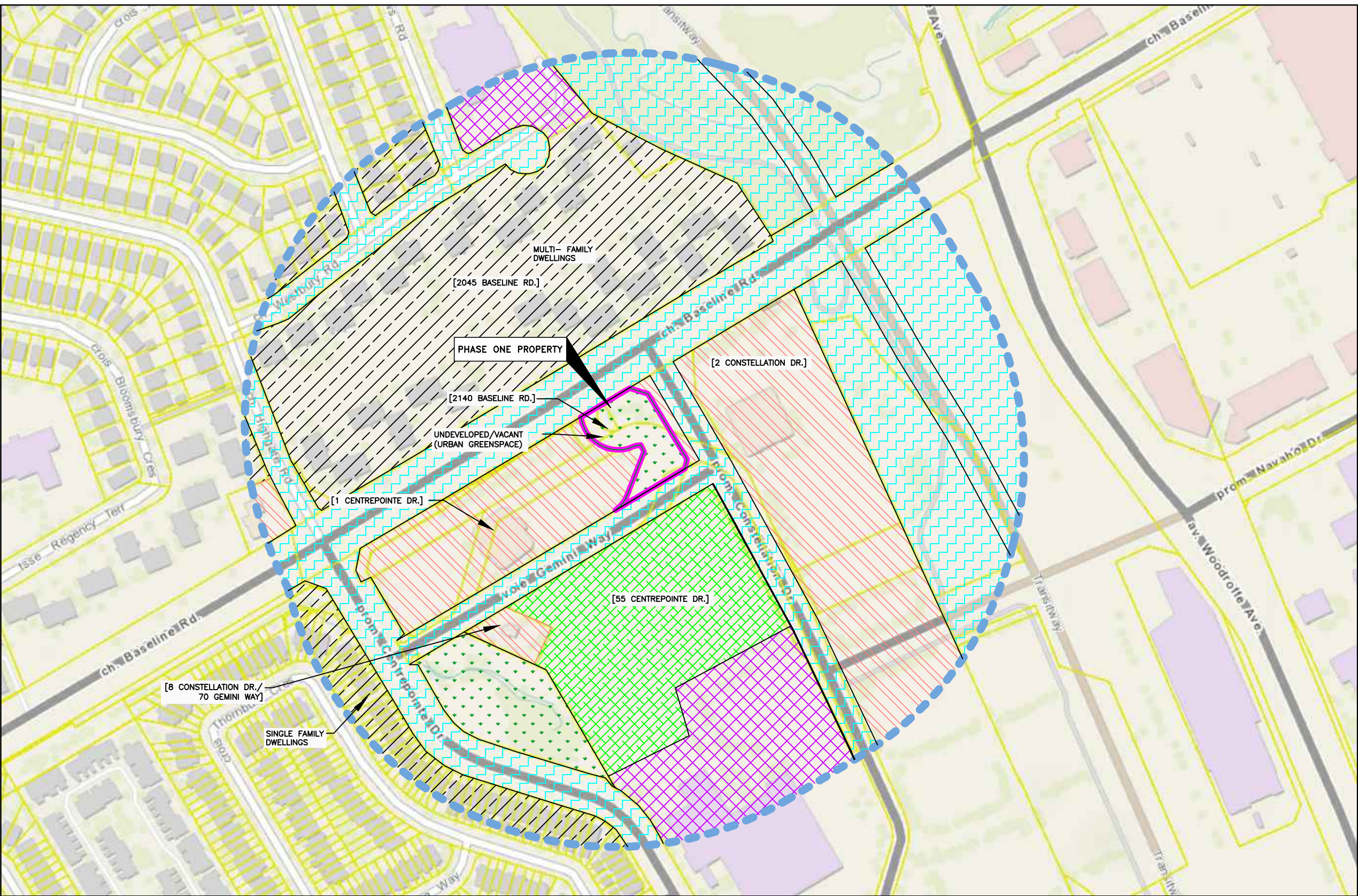
## Figures

- 1 Site Location
- 2 Phase One Study Area Property Uses
- 3 Current & Historical Site Layout
- 4 Areas of Potential Environmental Concern (APECs)

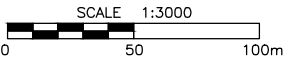








LEGEND	
	PHASE ONE PROPERTY
	PHASE ONE STUDY AREA
	PROPERTY LINE
	COMMERCIAL/INDUSTRIAL
	COMMUNITY
	INSTITUTIONAL
	PARKLAND
	RESIDENTIAL
	VACANT/UNDEVELOPED



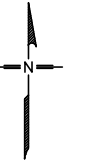
NOTE(S):  
1. SCALE AND SITE INFRASTRUCTURE LOCATIONS ARE APPROXIMATE  
2. INFORMATION ON THIS FIGURE MAY BE LOST IF IT IS PHOTOCOPIED, FAXED OR PRINTED IN OTHER THAN ITS ORIGINAL SIZE AND COLOURS  
3. 'm' : METRES

SOURCE(S):  
1. CITY OF OTTAWA GEOOTTAWA MAP, [HTTP://MAPS.OTTAWA.CA/GEOOTTAWA/](http://maps.ottawa.ca/geooottawa/)  
2. CITY OF OTTAWA, 2140 BASELINE ROAD – SURPLUS LANDS PLAN, REF#16599D.DGN, JULY 15, 2016

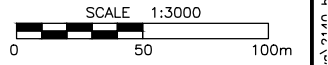


Client/Location: CITY OF OTTAWA 2140 BASELINE ROAD OTTAWA, ONTARIO		Title: PHASE ONE STUDY AREA PROPERTY USES	
Project No:	640516	Filename:	640516-LNDUS-2.DWG
Drawn:	EM	Verified:	EH
Date:		DECEMBER 2016	Dwg No:
Project Manager:		MS	FIGURE 2





LEGEND	
<span style="color: magenta;">———</span>	PHASE ONE PROPERTY
<span style="color: blue;">———</span>	PHASE ONE STUDY AREA
<span style="color: cyan;">———</span>	1985 ROAD ALIGNMENT
<span style="color: blue;">———</span>	1991 ROAD ALIGNMENT



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1. CITY OF OTTAWA GEOTOWA MAP, [HTTP://MAPS.OTTAWA.CA/GEOTOWATA/](http://maps.ottawa.ca/geotowata/)  
2. CITY OF OTTAWA, 2140 BASELINE ROAD - SURPLUS LANDS PLAN, REF#16599D.DGN, JULY 15, 2016  
3. HISTORICAL AIR PHOTO 2014

 <b>SNC•LAVALIN</b>	Client/Location: CITY OF OTTAWA 2140 BASELINE ROAD OTTAWA, ONTARIO		Title: CURRENT & HISTORICAL SITE LAYOUT	
	Project No: 640516	Filename: 640516-SL-2A.DWG	Date: DECEMBER 2016	Dwg No: FIGURE 3
	Drawn: EM	Verified: EH	Project Manager: MS	





NOTE(S):  
1. SCALE AND SITE INFRASTRUCTURE LOCATIONS ARE APPROXIMATE  
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3. 'm' : METRES

SOURCE(S):  
1. CITY OF OTTAWA GEOTTAWA MAP, [HTTP://MAPS.OTTAWA.CA/GEOTTAWA/](http://maps.ottawa.ca/geottawa/)  
2. CITY OF OTTAWA, 2140 BASELINE ROAD - SURPLUS LANDS PLAN, REF#16599D.DGN, JULY 15, 2016  
3. HISTORICAL AIR PHOTO 2014



Client/Location:		CITY OF OTTAWA 2140 BASELINE ROAD OTTAWA, ONTARIO		Title:		AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APECS)	
Project No:	640516	Filename:	640516-APEC-1.DWG	Date:	DECEMBER 2016	Dwg No:	FIGURE 4
Drawn:	EM	Verified:	EH	Project Manager:	MS		



## Tables

- 1 Current and Past Uses of the Phase One Property
- 2 Potentially Contaminating Activities (PCAs)
- 3 Areas of Potential Environmental Concern (APECs)

**TABLE 1: CURRENT AND PAST USES OF THE PHASE ONE PROPERTY  
2140 Baseline Road, Ottawa, ON**

Year	Name of Owner	Description of Property Use	Property Use	Other Observation from Aerial Photographs, FIP, etc.
2009 to Present	City [City of Ottawa / The Regional Municipality of Ottawa-Carleton / City of Nepean (progressively purchased site from 1982 to 2009 and is current owner)]  With easement to: - Hydro Ottawa Limited Easement (registered in 2016)	Municipal Lands - Vacant /Landscaped	Community (based on previous property use)	Based on: - site visit - aerial photographs - land title records  PCAs: - 30 (Importation of Fill Material of Unknown Quality)
1989 to 2009	Owners during time period: - Central Mortgage and Housing Corporation (1978 to 2009) - Carleton Board of Education (1978 to 1989) - City (1982 to present) - Multiple developers (Arnon Developments et al; 1982 to 2009)  With leases to: - Digital Equipment of Canada Ltd. (registered 1987 & 1992) - Bank of Nova Scotia (registered in 1989) - Crown (Her Majesty the Queen, as represented by Minister of Public Works) (registered in 2006)  With easement to: - Hydro-Electric Commission of the City of Ottawa Easement (registered in 1990)	Roadways - Constellation Drive/Gemini Way in second configuration	Community	Based on: - aerial photographs - land title records  PCAs: - 30 (Importation of Fill Material of Unknown Quality)
1978 to 1989	Owners during time period: - Central Mortgage and Housing Corporation (1975 to 2009) - Carleton Board of Education (1978 to 1989) - City (1982 to present) - Multiple developers (1982 to 2009)	Roadways - Constellation Drive/Gemini Way in first configuration	Community	Based on: - aerial photographs - land title records  PCAs: - 30 (Importation of Fill Material of Unknown Quality)
Prior to 1960 to 1978	Owners during time period: - Central Mortgage and Housing Corporation (1975 to 2009) - Crown (1960 to 1975) - Privately owned by various individuals (prior to 1960): - James Payne - Hugh and Mary Davidson	Agricultural fields becoming fallow/vacant land over time	Agricultural	Based on: - aerial photographs - land title records  PCAs: - none

TABLE 2: POTENTIALLY CONTAMINATING ACTIVITIES (PCAs)  
2140 Baseline Road, Ottawa, ON

Location	Address/Identifier	PCA	PCA No.	Associated with APEC (refer to Table 3 for details)
Onsite	Entire Phase One Property	Potential importation of fill material for roadway base construction and distrubed soil noted in 1976 and 2009 aerial photographs.	30 (Importation of Fill Material of Unknown Quality)	Yes
	Former roadways on Phase One Property	Use of majority of site as roads	n/a	Yes
Offsite	2045 Baseline Road (adjacent to north)	Fuel oil boilers in multi tenant residences (FIP/Municipal Directory).	41 (Petroleum-derived bulk storage)	No - Based on separation by four-lane road and absence of confirmed spills/release
	2 Constellation Cres (adjacent to east)	Bell Northern Research Ltd. from 1989 to 2001 (ERIS/Municipal Directory) waste generator associated with telecommunications / Northern Telecom (Nortel) laboratories (HLUI).	n/a	No - Based on separation by road and absence of records suggesting manufacturing activities at this location.
		Bell Northern Research Ltd. in 1992 (ERIS) PCB storage.	n/a	No - Based on separation by road and uncertain geographic reference.
		Snow dump (1978 to 1999)	n/a	No - Based on separation of >150 m between snow dump (as shown in 1978 aerial photographs) and the Phase One Property.
	1 Centrepointe Drive (adjacent to west)	Nepean Medical Centre Inc. / ProMed One Centrepointe Ltd. / Mohawk Medical Management Property Management from 1994 to present (ERIS/Municipal Directory) waste generator / DiagnostiCare Inc. medical and other health laboratories (HLUI).	n/a	No - Based on separation of >100 m between operations at the site and the Phase One Property and absence of confirmed spills/release.
		Dr. Dale Fyman, Dentist / Andreia Barta-sima from 2000 to 2010 (ERIS/Municipal Directory) waste generator associated with dentistry photo processing.	n/a	No - Based on separation of >100 m between operations at the site and the Phase One Property and absence of confirmed spills/release.
	70 Gemini Way/8 Constellation Drive (~125 m southwest)	Bell Utility Building from at least 1991 to present (Air Photos); possible telecommunications equipment.	n/a	No - Based on separation of >100 m between operations at the site and the Phase One Property and absence of confirmed spills/release.
	55 Centrepointe Drive (~123-178 m south southeast)	Sir Guy Carleton Secondary School waste generator from 1992 to present (ERIS/Municipal Directory) associated with elementary and secondary school education (HLUI).	n/a	No - Based on separation of >100 m between operations at the site and the Phase One Property and absence of confirmed spills/release.
	1400 Woodroffe Ave (~140 m east)	Public passenger transit system industries (HLUI); air photo review confirms area is temporary holding station for buses along Transitway.	52 (Storage, maintenance, fuelling and repair of equipment, vehicles, and materials to maintain transportation systems)	No - Based on air photo review and separation of >100 m between operations at the site and the Phase One Property and absence of confirmed spills/release.
	100 Constellation Cres (~151 m east southeast)	Ottawa Public Health Environment & Health Protection from 2005 to present (ERIS) waste generator / City of Ottawa from 2006 to present (ERIS) waste generator.	n/a	No - Based on separation of >100 m between operations at the site and the Phase One Property and absence of confirmed spills/release.
		Nortel Networks Corporation / Nortel Technology from 1998 to 2004 (ERIS) waste generator / Nortel-Woodline communication and other electronic equipment industries (HLUI).	19 (Electronic and Computer Equipment Manufacturing)	No - Based on separation of >100 m between operations at the site and the Phase One Property and absence of confirmed spills/release.
		Reported spill of approximately 30 L hydraulic oil spill to ground in 2009, 10 L to sidewalk ir 2011 and reported spill of 1 L gasoline to catchbasin in 2012 (ERIS).	n/a	No - Based on small quantity released and separation of > 100 m between the location of the reported spill and the Phase One Property.
	1400 Highgate Road (~240 m east)	Reported spill of approximately 20 L engine coolant to catchbasin in 2010	n/a	No - Based on small quantity released and separation of > 100 m between the location of the reported spill and the Phase One Property.
	1303 Fellows Road (~260-263 north northwest)	Conseil des Ecoles catholiques du Centre-Est from 2002 to present (ERIS) waste generator / St. Raymonds Intermediate School from 1992 to 1998 (ERIS) waste generator.	n/a	No - Based on separation of >250 m between operations at the site and the Phase One Property and absence of confirmed spills/release.
	unknown locations	Fuel spills of heating oil/diesel fuel/coolant (locations unknown)	n/a	No - Activity locations not confirmed.

1 – Area of potential environmental concern (APEC) means the area on, in or under a phase one property where one or more contaminants are potentially present, as determined through the Phase I ESA

2 - Potentially contaminating activity (PCA) means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a Phase One Study Area



TABLE 3: AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APECs)  
2140 Baseline Road, Ottawa, ON

APEC Identifier	Location of APEC on Phase I Property	PCA	PCA No.	Location of PCA	PCOCs	Media Potentially Impacted	Likelihood of impact	Source/Rationale
APEC 1	Entire Phase One Property	Potential import of fill material for roadway base construction	30 (Importation of Fill Material of Unknown Quality)	Onsite	Metals, PAH	Soil  Groundwater (if PCOCs confirmed in soil)	High	- Disturbed soil noted across the site in 1976 and 2009 aerial photographs. - Existing roadway was realigned in 2009 and prior to 1991. Historically, the roadway extended through the site. - Site visit identified concrete exposed at surface.
APEC 2	Former roadways on Phase One Property	Use of majority of site as roads	n/a	Onsite	PHC, BTEX, Metals, PAH <sup>4</sup>	Soil  Groundwater (if PCOCs confirmed in soil)	Low	- Aerial photographs identified two configurations of roads that historically covered the majority of the site.

1 – Area of potential environmental concern (APEC) means the area on, in or under a phase one property where one or more contaminants are potentially present, as determined through the Phase I ESA

2 - Potentially contaminating activity (PCA) means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a Phase One Study Area

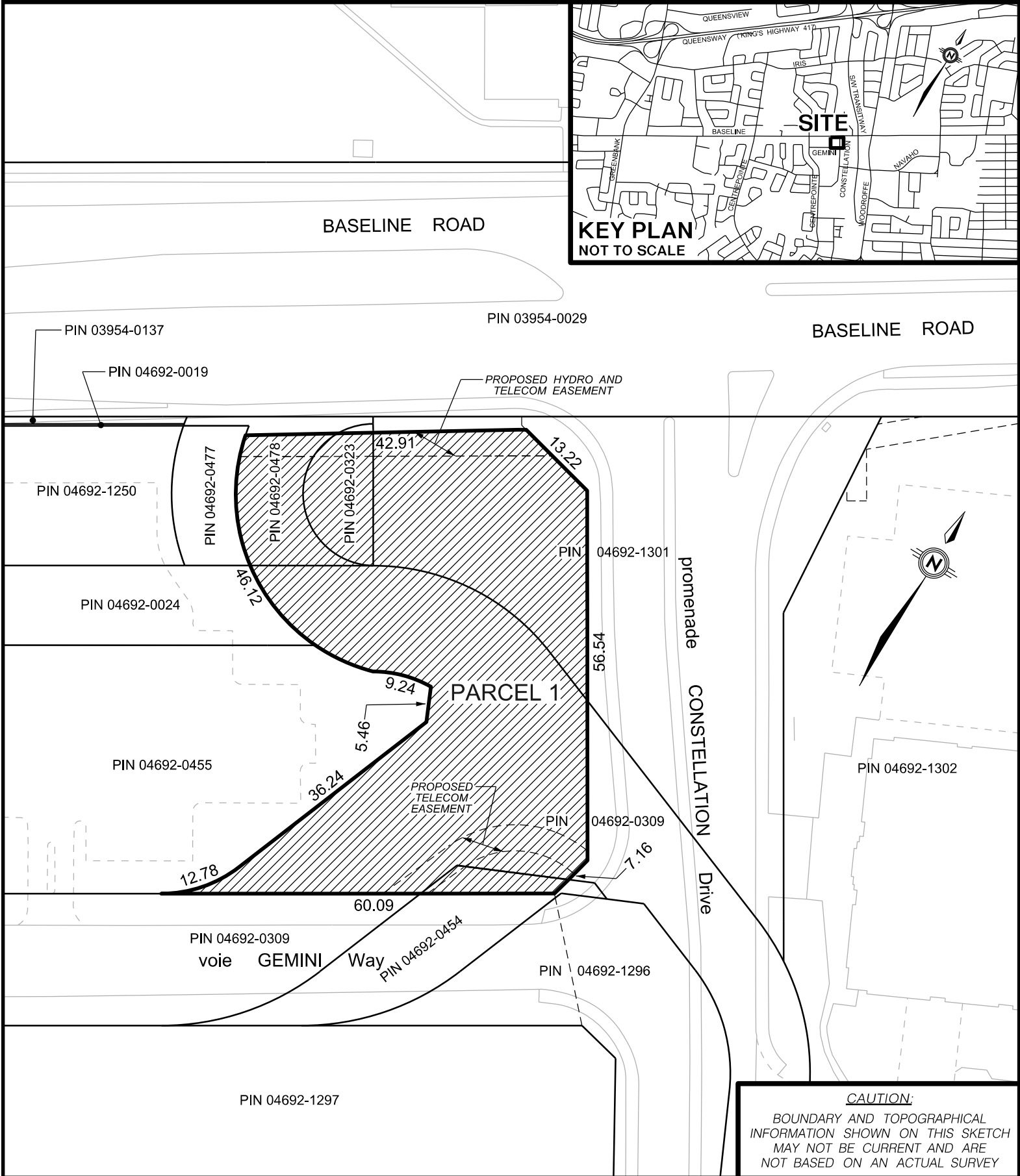
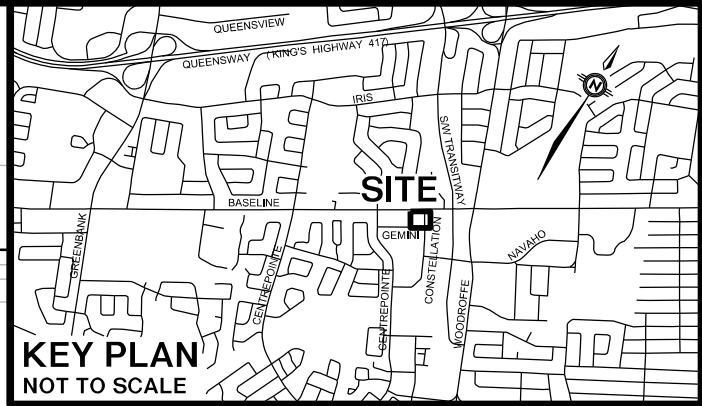
3 – Potential contaminants of concern (PCOC) identified using the Method Groups as identified in the "Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, as amended.

BTEX Benzene, Toluene, Ethylene, Xylene  
PHC Petroleum Hydrocarbon  
VOC Volatile Organic Carbon  
PAH Polycyclic Aromatic Hydrocarbon  
PCB Polychlorinated biphenyl  
EC Electrical Conductivity  
SAR Sodium Adsorption Ratio  
Metals includes metals by ICP-MS, As, Sb, Se, Cr (VI), B-HWS and Hg  
Na Sodium  
Ca, Mg Calcium & Magnesium  
Cl Chloride

CN Free Cyanide  
Methyl Hg Methyl Mercury  
OC Organochlorine Pesticides  
CP chlorophenols  
ABN Acid/Base Neutral Compounds  
1,4-Dioxane  
PCDD/F dioxins & furans  
THM Trihalomethanes  
high pH  
low pH  
nutrients NO2, NO3, Phosphorous

# Appendix A

## Site Limits



**CAUTION:**  
BOUNDARY AND TOPOGRAPHICAL  
INFORMATION SHOWN ON THIS SKETCH  
MAY NOT BE CURRENT AND ARE  
NOT BASED ON AN ACTUAL SURVEY

2140 BASELINE ROAD - SURPLUS LANDS ( Parts 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 and 35, Plan 4R-26884 )			
OWNER <b>CITY OF OTTAWA</b>		CAD BY L. GUIBORD	
		CHECKED BY G. HARTWICK	
SCALE 1:750 (METRIC)	DATE 2016/07/15	AREA = 3049 sq.m.	MS No. 16599d.DGN



**INFRASTRUCTURE SERVICES  
DEPARTMENT  
SURVEYS & MAPPING UNIT**

## Appendix B

### Fire Insurance Plans Search



# enviroscan



An SCM Company

175 Commerce Valley Drive W  
Markham, Ontario L3T 7Z3

T: 905-882-6300  
W: [www.optaintel.ca](http://www.optaintel.ca)

Report Completed By:  
**Sunita**

Site Address:

2140 Baseline Road Ottawa Ontario

Project No:

20160822019

Opta Order ID:

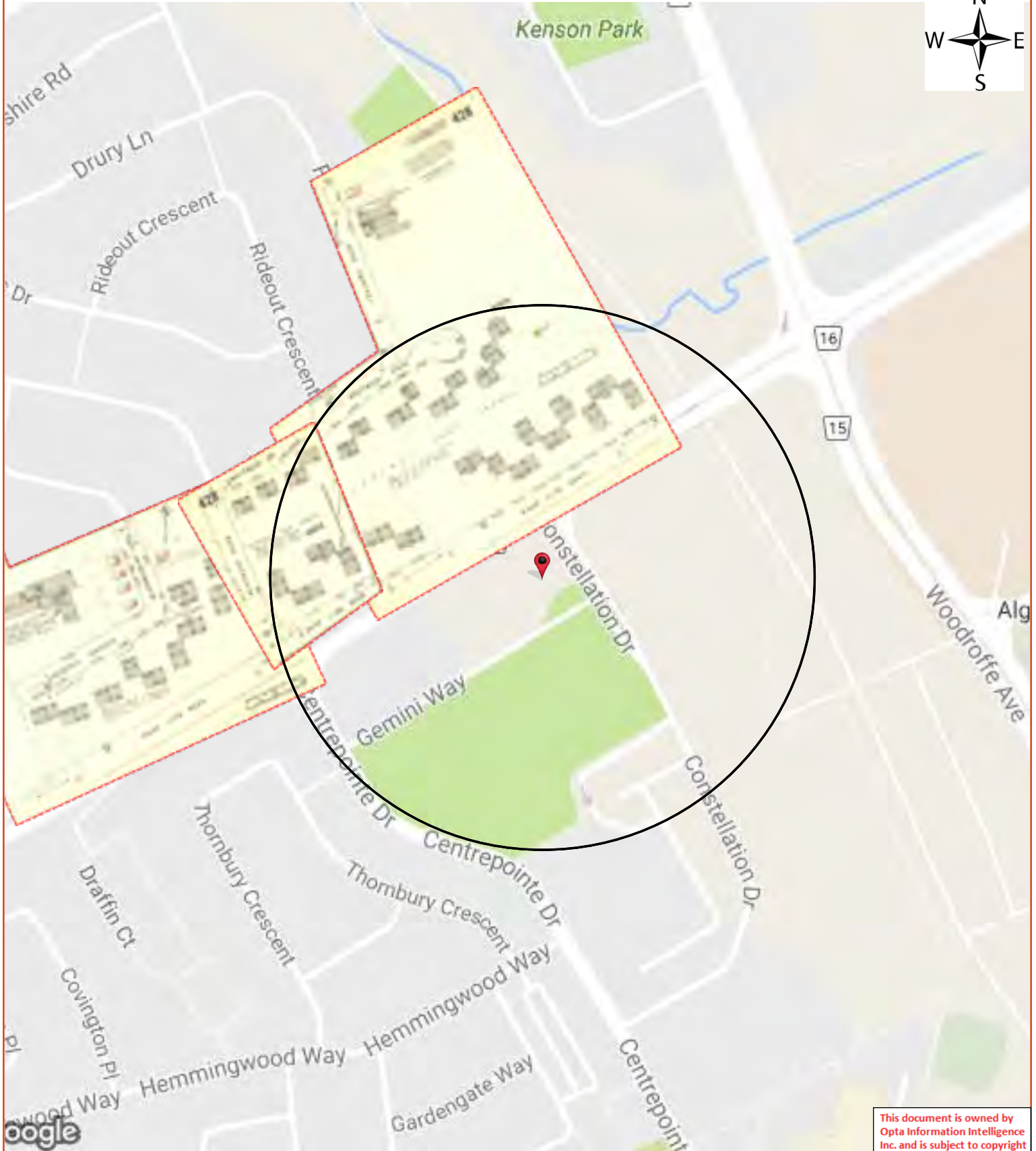
29502

Requested by:

Eleanor Goolab  
ERIS

Date Completed:

9/23/2016 6:34:38 AM





**Opta Historical Environmental Services Enviroscan  
Terms and Conditions**

Requested by:

Eleanor Goolab

Date Completed: September 23, 2016 06:34:38



OPTA INFORMATION INTELLIGENCE

# Opta Historical Environmental Services Enviroscan<sup>TM</sup>

## Terms and Conditions

**Report**

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

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**Entire Agreement**

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

**Governing Document**

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

**Law**

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



**Report Index**

**Requested by:**

Eleanor Goolab

Date Completed: September 23, 2016 06:34:38



OPTA INFORMATION INTELLIGENCE

**Page      Report Title**

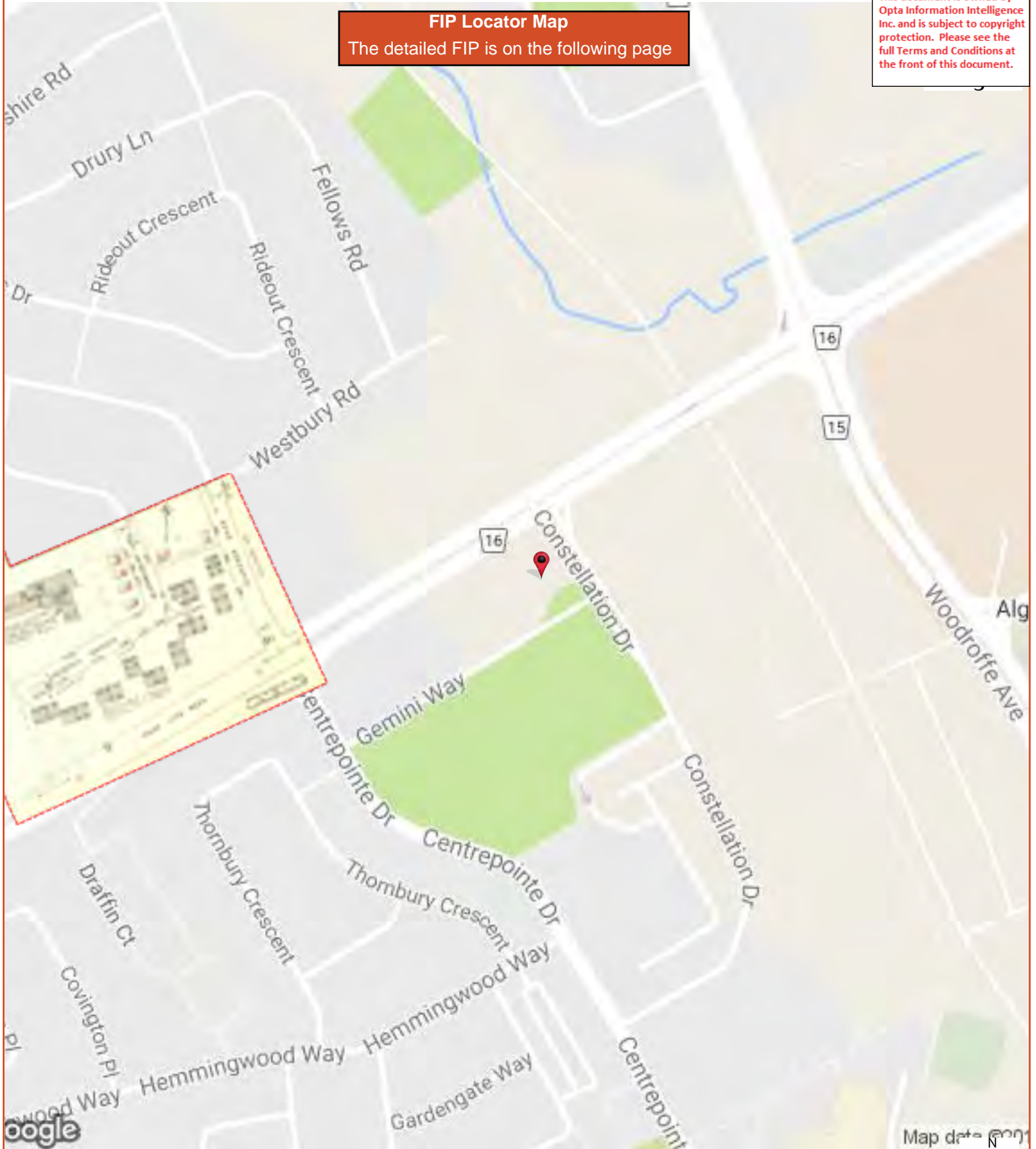
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8	(1965) Volume: Ottawa Volume 4 Firemap: 428
10	(1965) Volume: Ottawa Volume 4 Firemap: 428



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FIP Locator Map

The detailed FIP is on the following page



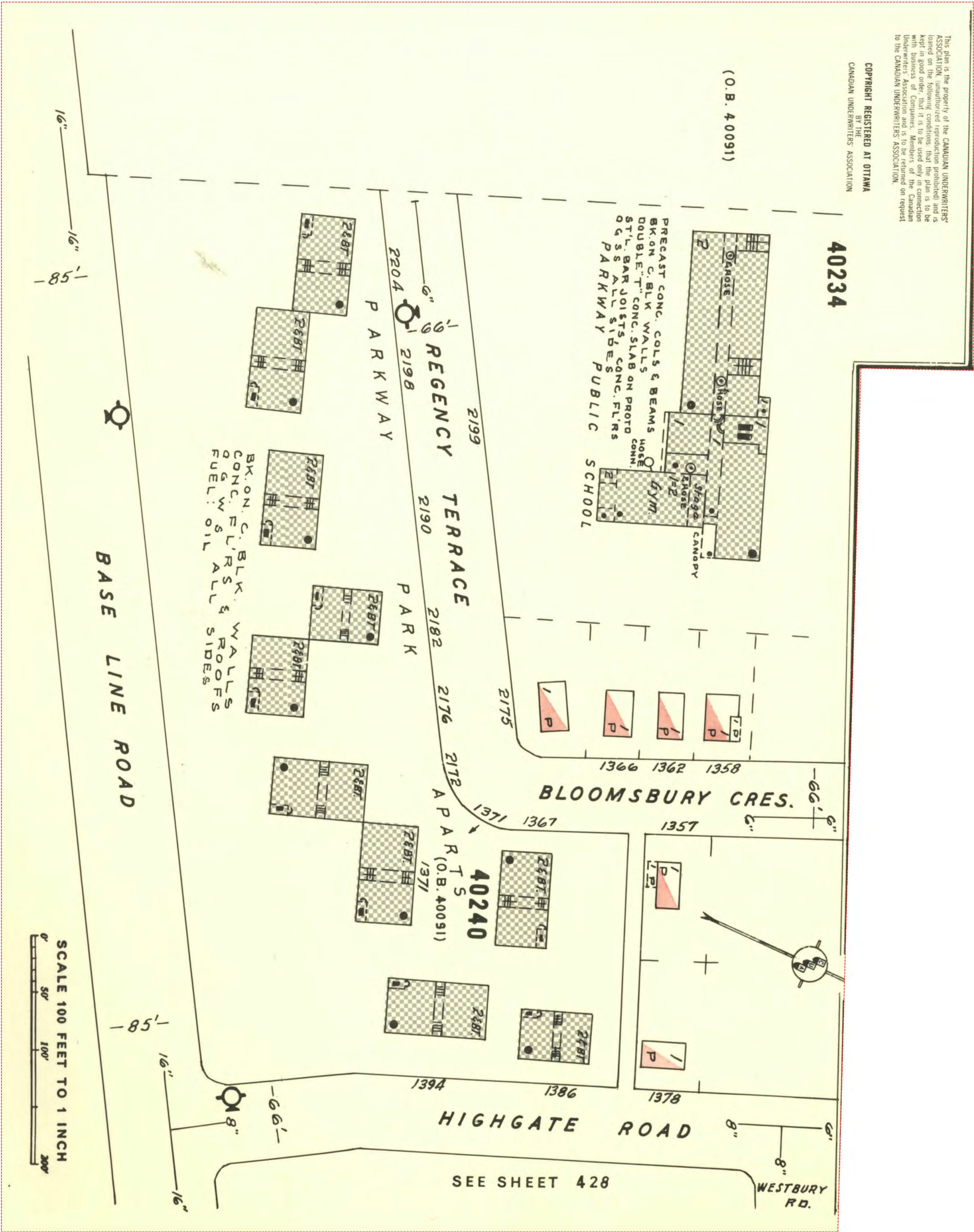
Map data © 2016



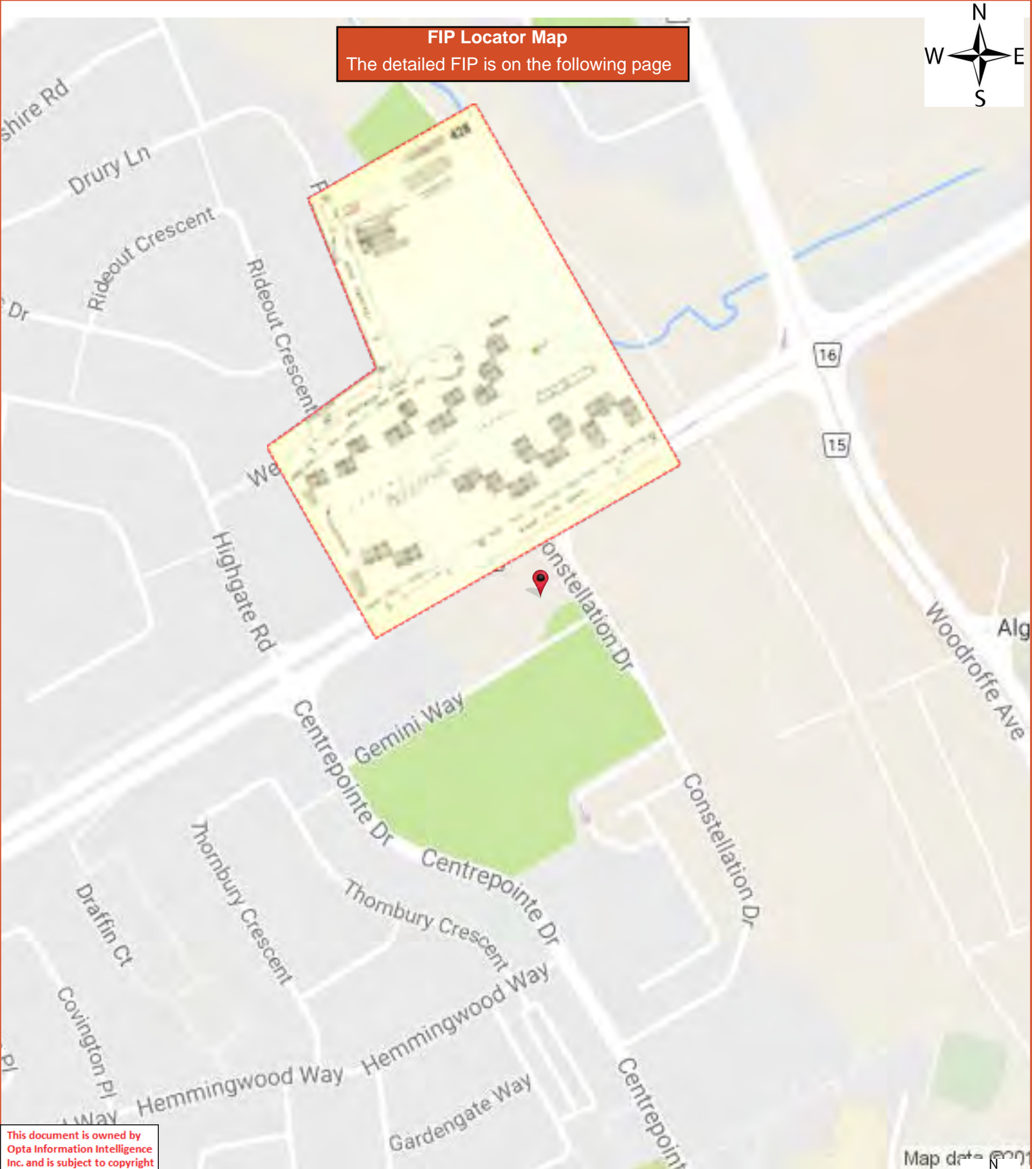


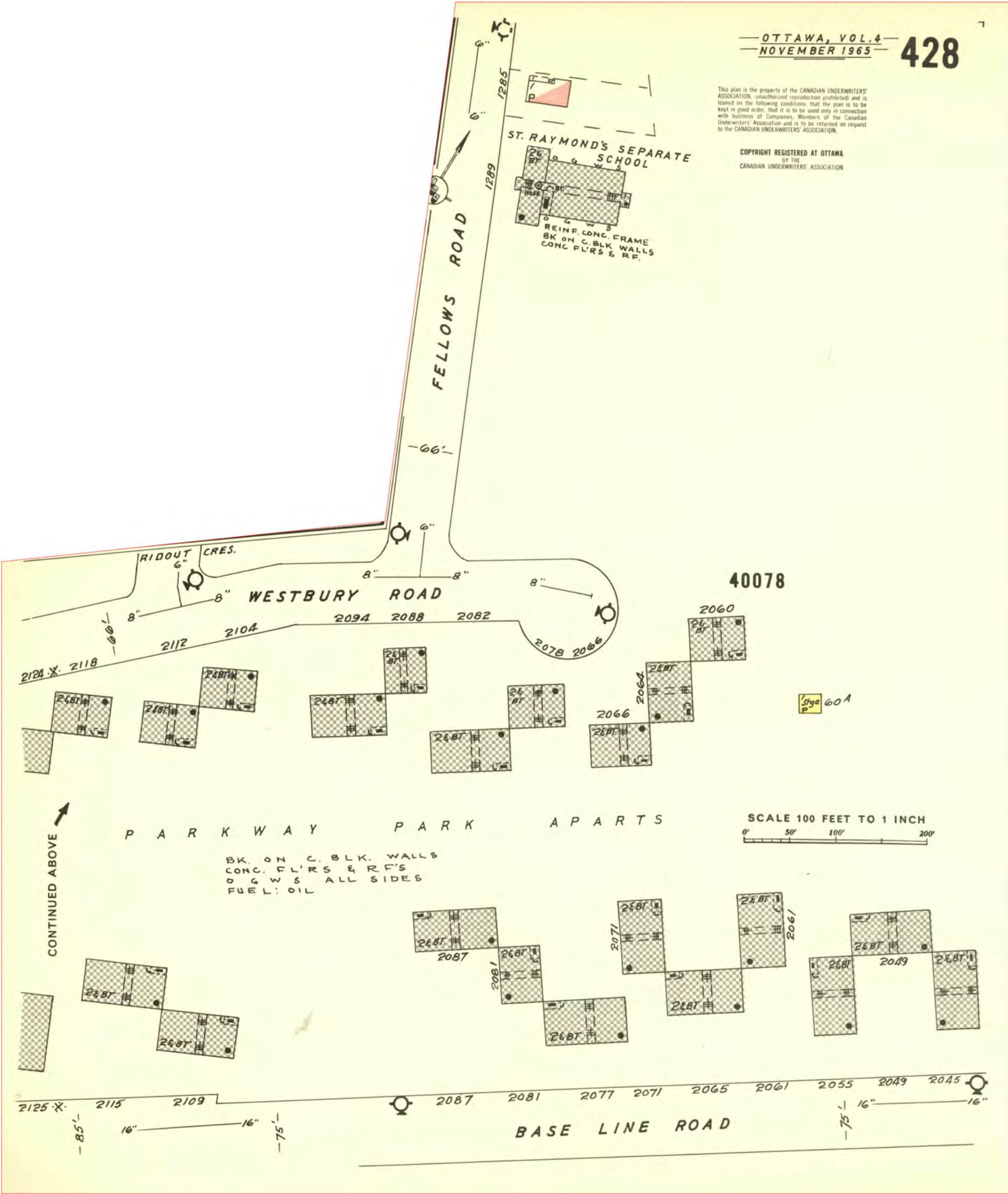
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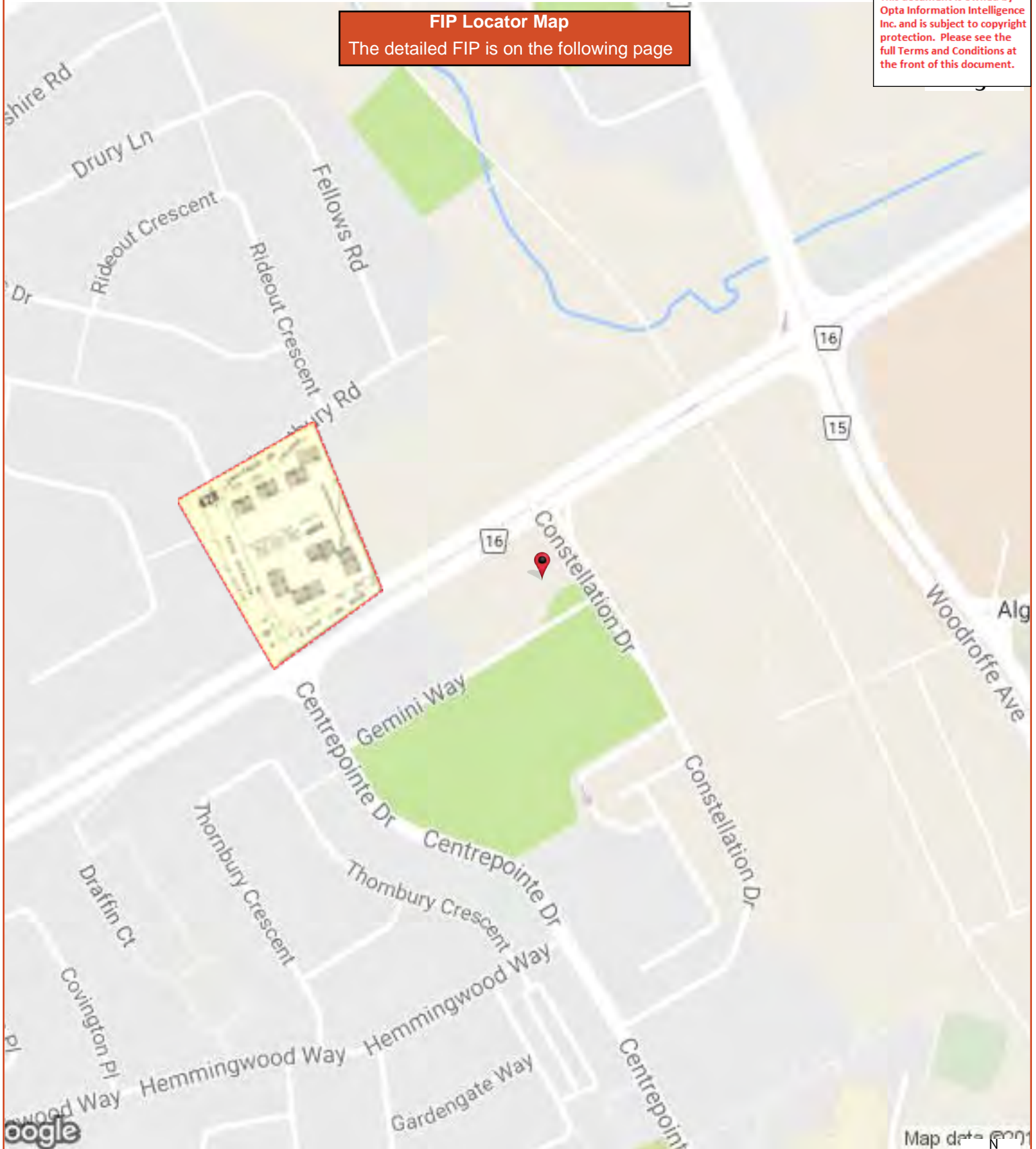




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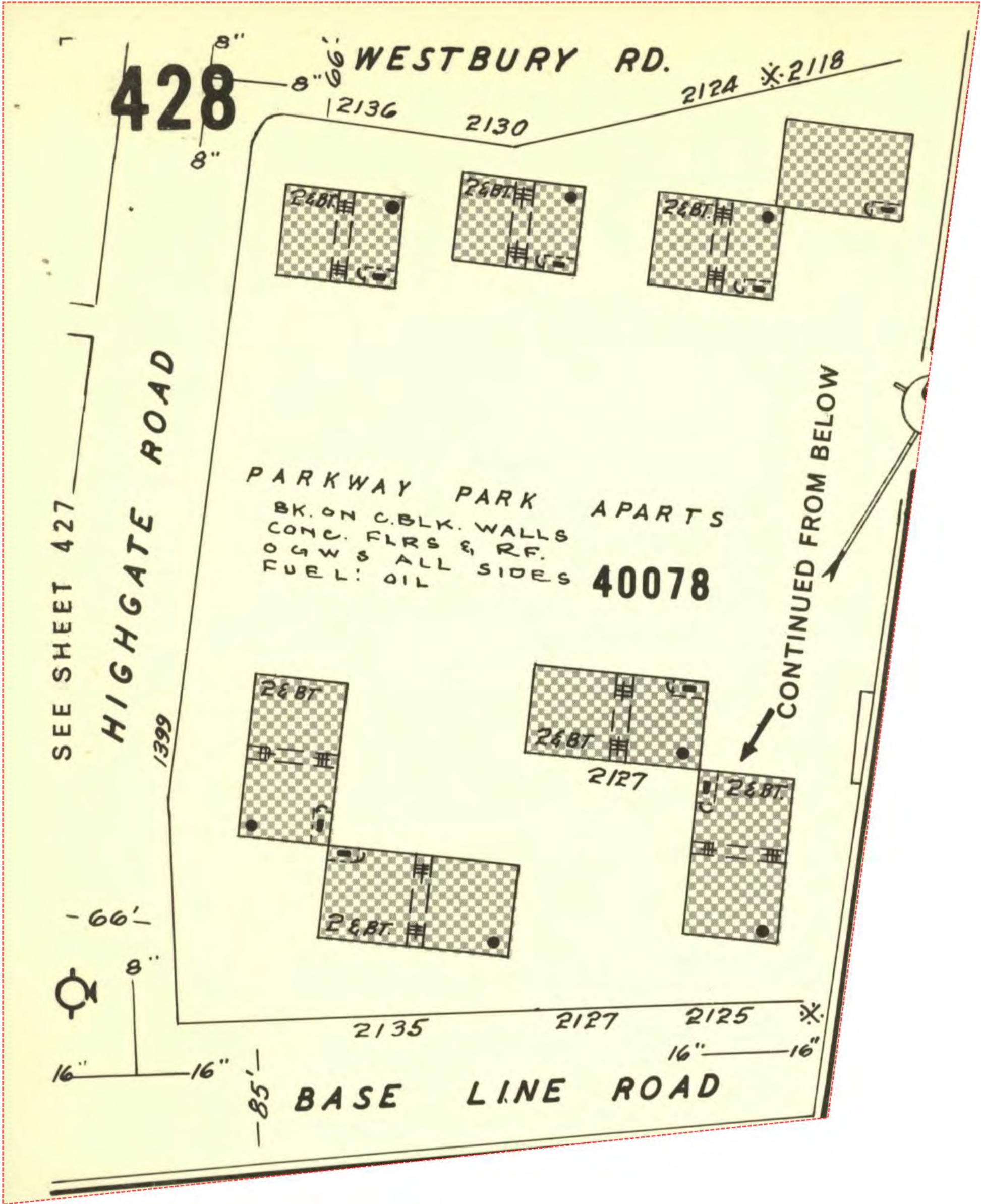
FIP Locator Map

The detailed FIP is on the following page



Map data © 2016







## Appendix C

### Chain of Title Search



## READ Abstracts Limited

331 Cooper Street, Suite 300, Ottawa, Ontario K2P 0A4

Email: [search@readsearch.com](mailto:search@readsearch.com)

Tel.: 613-236-0664

Fax: 613-236-3677

### ENVIRONMENTAL SEARCH

September 9, 2016

Opta Information Intelligence

Attn: Anthony Remonde

#### BRIEF DESCRIPTION OF LAND:

2140 Baseline Road, Ottawa

Part of Lot 35, Concession 2 RF Nepean, Part Block 42 Plan 4M623, Part Block 41 Plan 4M623, all being Parts 2-4, 6-17, 23-35 on Plan 4R26884

PIN: 04692-0309 (part)

04692-0454 (part)

04692-1301 (part)

04692-0323 (whole)

04692-0478 (whole)

LAST REGISTERED OWNER: CITY OF OTTAWA

#### CHAIN OF TITLE:

Deed NP13066 registered January 6, 1948

From James Payne to H. S. Davidson

Deed CT409820 registered August 11, 1960

From Hugh S. Davidson and Mary A. Davidson to The Crown in right of Canada

Deed CT665779 registered January 25, 1975

From the Crown in right of Canada to Central Mortgage and Housing Corporation

Deed LT203934 registered October 30, 1978

From Central Mortgage and Housing Corporation to Carleton Board of Education

Deed LT285475 registered April 29, 1982  
From Central Mortgage and Housing Corporation to The Corporation of The City of Nepean

Deed LT287389 registered May 25, 1982  
From Central Mortgage and Housing Corporation to Arnon Developments (1981) Limited

Lease LT513224 registered July 2, 1987  
From Arnon Developments (1981) Limited to Digital Equipment of Canada Ltd.

Deed LT602623 registered February 17, 1989  
From Carleton Board of Education to Canada to Central Mortgage and Housing Corporation

Deed LT607747 registered March 31, 1989  
From Arnon Developments (1981) Limited to Arnon Development Corporation Limited, Olympia & York Developments Limited, and Zeev Vered

Deed LT607748 registered March 31, 1989  
From Zeev Vered to Arnon Development Corporation Limited

Lease LT634726 registered September 7, 1989  
From Arnon Development Corporation Limited and Olympia & York Developments Limited to the Bank of Nova Scotia

Easement LT686983 registered August 8, 1990  
From Arnon Development Corporation Limited and Olympia & York Developments Limited to The Hydro-Electric Commission of the City of Ottawa

Deed LT701204 registered November 16, 1990  
From Canada to Central Mortgage and Housing Corporation to The Corporation of The City of Nepean

Lease LT761188 registered March 11, 1992  
From Arnon Development Corporation Limited and Olympia & York Developments Limited to Digital Equipment of Canada Limited

Deed LT830075 registered May 26, 1993  
From Central Mortgage and Housing Corporation to The Regional Municipality of Ottawa-Carleton

Deed LT1022628 registered January 23, 1997  
From Coopers & Lybrand Limited, trustees in Bankruptcy for Olympia & York Developments Limited to Arnon Development Corporation Limited

Deed LT1022629 registered January 23, 1997  
From Arnon Development Corporation Limited to Z. V. Holdings Corp.

Lease OC624693 registered August 4, 2006  
From Z. V. Holdings Corp. To Her Majesty the Queen in right of Canada as represented  
by the Minister of Public Works

Deed OC949629 registered January 30, 2009  
From Central Mortgage and Housing Corporation to City of Ottawa

Deed OC1036921 registered October 20, 2009  
From Z. V. Holdings Corp. To City of Ottawa

Name Change OC1510854 registered August 22, 2013  
From The Corporation of the City of Nepean to City of Ottawa

Name Change OC1510855 registered August 22, 2013  
From The Regional Municipality of Ottawa-Carleton to City of Ottawa

Easement OC1817169 registered August 16, 2016  
From City of Ottawa to Hydro Ottawa Limited

## Appendix D

### Municipal Directories Report



600, 175 Commerce Valley Dr. W  
Markham, Ontario  
L3T 7P6

**T:** 905.882.6300  
**Toll Free:** 1.800.268.8080  
**F:** 905.695.6543

An SCM Company  
[www.optaintel.ca](http://www.optaintel.ca)

### City Directory Information Source

Vernon's Ottawa, ON City Directory

<b>PROJECT NUMBER:</b> 29129	
<b>Site Address:</b>	2140 Baseline Road, Ottawa, Ontario
<b>Year:</b> 2011	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>2045 Baseline Road</b>	-Multi Tenant Res
<b>1 Centreponte Drive</b>	-Multi Tenant Medical Building
<b>55 Centreponte Drive</b>	-OC District School Board
<b>2 Constellation Drive (Crescent)</b>	-World Skills Inc. -Municipal Office

<b>PROJECT NUMBER:</b> 29129	
------------------------------	--

<b>Site Address:</b>	2140 Baseline Road, Ottawa, Ontario
<b>Year: 2005-06</b>	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>2045 Baseline Road</b>	-Multi Tenant Res
<b>1 Centrepointhe Drive</b>	-Multi Tenant Medical Building
<b>55 Centrepointhe Drive</b>	-OC District School Board
<b>2 Constellation Drive (Crescent)</b>	-Branham Group -Municipal Tax Equity

<b>PROJECT NUMBER: 29129</b>	
<b>Site Address:</b>	2140 Baseline Road, Ottawa, Ontario
<b>Year: 2001-2</b>	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>2045 Baseline Road</b>	-Multi Tenant Res



<b>1 Centrepointhe Drive</b>	-Multi Tenant Medical Building
<b>55 Centrepointhe Drive</b>	-OC District School Board
<b>2 Constellation Drive (Crescent)</b>	-Branham Group -Municipal Tax Equity

<b>PROJECT NUMBER:</b> 29129	
<b>Site Address:</b>	2140 Baseline Road, Ottawa, Ontario
<b>Year:</b> 1995-96	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>2045 Baseline Road</b>	-Multi Tenant Res
<b>1 Centrepointhe Drive</b>	-Multi Tenant Medical Building
<b>55 Centrepointhe Drive</b>	-Address Not Listed
<b>2 Constellation Drive (Crescent)</b>	-BNR Woodline

<b>PROJECT NUMBER:</b> 29129	
<b>Site Address:</b>	2140 Baseline Road, Ottawa, Ontario

<b>Year: 1988-89</b>	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>2045 Baseline Road</b>	-Multi Tenant Res
<b>1 Centrepointhe Drive</b>	-Address Not Listed
<b>55 Centrepointhe Drive</b>	-Address Not Listed
<b>2 Constellation Drive (Crescent)</b>	-Address Not Listed

<b>PROJECT NUMBER: 29129</b>	
<b>Site Address:</b>	2140 Baseline Road, Ottawa, Ontario
<b>Year: 1984</b>	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>2045 Baseline Road</b>	-Multi Tenant Res
<b>1 Centrepointhe Drive</b>	-Address Not Listed

<b>55 Centrepointhe Drive</b>	-Address Not Listed
<b>2 Constellation Drive (Crescent)</b>	-Address Not Listed

<b>PROJECT NUMBER: 29129</b>	
<b>Site Address:</b>	2140 Baseline Road, Ottawa, Ontario
<b>Year: 1979</b>	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>2045 Baseline Road</b>	-Multi Tenant Res
<b>1 Centrepointhe Drive</b>	-Address Not Listed
<b>55 Centrepointhe Drive</b>	-Address Not Listed
<b>2 Constellation Drive (Crescent)</b>	-Address Not Listed

<b>PROJECT NUMBER: 29129</b>	
<b>Site Address:</b>	2140 Baseline Road, Ottawa, Ontario
<b>Year: 1975</b>	

<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>2045 Baseline Road</b>	-Multi Tenant Res
<b>1 Centreponte Drive</b>	-Address Not Listed
<b>55 Centreponte Drive</b>	-Address Not Listed
<b>2 Constellation Drive (Crescent)</b>	-Address Not Listed

<b>PROJECT NUMBER:</b> 29129	
<b>Site Address:</b>	2140 Baseline Road, Ottawa, Ontario
<b>Year:</b> 1970	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>2045 Baseline Road</b>	-Multi Tenant Res
<b>1 Centreponte Drive</b>	-Address Not Listed
<b>55 Centreponte Drive</b>	-Address Not Listed

<b>2 Constellation Drive (Crescent)</b>	-Address Not Listed
---	---------------------

<b>PROJECT NUMBER: 29129</b>	
<b>Site Address:</b>	2140 Baseline Road, Ottawa, Ontario
<b>Year: 1965</b>	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>2045 Baseline Road</b>	-Multi Tenant Res
<b>1 Centrepointhe Drive</b>	-Address Not Listed
<b>55 Centrepointhe Drive</b>	-Address Not Listed
<b>2 Constellation Drive (Crescent)</b>	-Address Not Listed

<b>PROJECT NUMBER: 29129</b>	
<b>Site Address:</b>	2140 Baseline Road, Ottawa, Ontario
<b>Year: 1960</b>	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	

<b>2045 Baseline Road</b>	-Address Not Listed
<b>1 Centrepointhe Drive</b>	-Address Not Listed
<b>55 Centrepointhe Drive</b>	-Address Not Listed
<b>2 Constellation Drive (Crescent)</b>	-Address Not Listed

## Appendix E

### EcoLog ERIS Report





# DATABASE REPORT

**Project Property:** 2140 Baseline Rd  
2140 Baseline Rd  
Ottawa ON K2C0C8  
640516

**Project No:**

**Report Type:** RSC Report (Urban)

**Order No:** 20160822019

**Requested by:** SNC-Lavalin Inc.

**Date Completed:** August 25, 2016

**Environmental Risk  
Information Services**  
A division of Glacier Media Inc.  
P: 1.866.517.5204  
E: [info@erisinfo.com](mailto:info@erisinfo.com)  
**[www.erisinfo.com](http://www.erisinfo.com)**

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# Executive Summary

## **Property Information:**

**Project Property:** 2140 Baseline Rd  
2140 Baseline Rd Ottawa ON K2C0C8

**Project No:** 640516

## **Order Information:**

**Order No:** 20160822019  
**Date Requested:** August 22, 2016  
**Requested by:** SNC-Lavalin Inc.  
**Report Type:** RSC Report (Urban)

## **Additional Products:**

**Insurance Products** Fire Insurance Maps/Inspection Reports/Site Specific Plans  
**Topographic Map** Ontario Base Map (OBM)

## Executive Summary: Report Summary

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.30km</b>	<b>Total</b>
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	16	16
CA	Certificates of Approval	Y	0	10	10
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	5	5
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	44	44
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.30km</b>	<b>Total</b>
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
NEBW	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
OGW	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	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	3	3
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	TSSA 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	3	3
<b>Total:</b>			0	81	81

## 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
<a href="#">1</a>	CA	City of Ottawa	Baseline Road and Constellation Cres Ottawa ON	NW/14.4	0.48	<a href="#">18</a>
<a href="#">2</a>	BORE		ON	N/66.9	1.00	<a href="#">18</a>
<a href="#">2</a>	WWIS		ON	N/66.9	1.00	<a href="#">18</a>
<a href="#">3</a>	CA	B.N.R.	2 CONSTALLATION CRESCENT NEPEAN CITY ON	E/89.4	0.00	<a href="#">19</a>
<a href="#">3</a>	GEN	BELL-NORTHERN RESEARCH LTD. 05-318	2 CONSTELLATION CRES. (WOODLINE) NEPEAN C/O P.O.BOX 3511, STN. C OTTAWA ON K2G 5J9	E/89.4	0.00	<a href="#">19</a>
<a href="#">3</a>	GEN	BELL NORTHERN RESEARCH	2 CONSTELLATION CRESCENT NEPEAN ON K2G 5J9	E/89.4	0.00	<a href="#">20</a>
<a href="#">3</a>	GEN	BELL-NORTHERN RESEARCH LTD.	2 CONSTELLATION CRES. (WOODLINE) NEPEAN C/O P.O.BOX 3511, STN. C OTTAWA ON K2G 5J9	E/89.4	0.00	<a href="#">20</a>
<a href="#">4</a>	WWIS		lot 35 con 2 ON	ESE/121.2	0.00	<a href="#">20</a>
<a href="#">5</a>	CA	Atria Networks LP	1 Centrepointe Dr Ottawa ON	SW/121.2	1.00	<a href="#">21</a>
<a href="#">5</a>	EHS		1 Centrepointe Drive Ottawa ON	SW/121.2	1.00	<a href="#">21</a>
<a href="#">5</a>	EHS		1 Centrepointe Drive Nepean ON K2G 6E2	SW/121.2	1.00	<a href="#">21</a>
<a href="#">5</a>	EHS		1 Centrepointe Dr Ottawa ON K2G6E2	SW/121.2	1.00	<a href="#">21</a>
<a href="#">5</a>	GEN	NEPEAN MEDICAL CENTRE INC.	ONE CENTREPOINTE DRIVE NEPEAN ON K2G 6E2	SW/121.2	1.00	<a href="#">22</a>
<a href="#">5</a>	GEN	DR. DALE FYMAN	1 CENTERPOINTE, SUITE 302 NEPEAN ON K2G 6E2	SW/121.2	1.00	<a href="#">22</a>
<a href="#">5</a>	GEN	ProMed One Centrepoint Ltd.	1 Centrepointe Drive Ottawa ON	SW/121.2	1.00	<a href="#">22</a>
<a href="#">5</a>	GEN	ProMed One Centrepoint Ltd.	1 Centrepointe Drive Ottawa ON	SW/121.2	1.00	<a href="#">22</a>
<a href="#">5</a>	GEN	NEPEAN MEDICAL CENTRE INC.	ONE CENTREPOINTE DRIVE NEPEAN ON K2G 6E2	SW/121.2	1.00	<a href="#">22</a>
<a href="#">5</a>	GEN	Andreia Barta-sima	One Centrepointe Drive Suite 302 Ottawa ON	SW/121.2	1.00	<a href="#">23</a>
<a href="#">5</a>	GEN	Andreia Barta-sima	One Centrepointe Drive Suite 302 Ottawa ON K2G 6E2	SW/121.2	1.00	<a href="#">23</a>
<a href="#">5</a>	GEN	NEPEAN MEDICAL CENTRE INC.	ONE CENTREPOINTE DRIVE NEPEAN ON K2G 6E2	SW/121.2	1.00	<a href="#">23</a>
<a href="#">5</a>	GEN	ProMed One Centrepoint Ltd.	1 Centrepointe Drive Ottawa ON	SW/121.2	1.00	<a href="#">23</a>
<a href="#">5</a>	GEN	NEPEAN MEDICAL CENTRE INC.	ONE CENTREPOINTE DRIVE NEPEAN ON K2G 6E2	SW/121.2	1.00	<a href="#">24</a>
<a href="#">5</a>	GEN	NEPEAN MEDICAL CENTRE INC.	ONE CENTREPOINTE DRIVE NEPEAN ON K2G 6E2	SW/121.2	1.00	<a href="#">24</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">5</a>	GEN	Mohawk Medical Management Property Management	1 Centrepointe Dr Nepean ON	SW/121.2	1.00	<a href="#">24</a>
<a href="#">5</a>	GEN	Andreia Barta-sima	One Centrepointe Drive Suite 302 Ottawa ON	SW/121.2	1.00	<a href="#">24</a>
<a href="#">6</a>	GEN	CARLETON BOARD OF EDUCATION 07-618	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	SSE/123.0	0.00	<a href="#">25</a>
<a href="#">6</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	SSE/123.0	0.00	<a href="#">25</a>
<a href="#">6</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	SSE/123.0	0.00	<a href="#">26</a>
<a href="#">6</a>	GEN	CARLETON BOARD OF EDUCATION	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	SSE/123.0	0.00	<a href="#">26</a>
<a href="#">6</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	SSE/123.0	0.00	<a href="#">27</a>
<a href="#">6</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	SSE/123.0	0.00	<a href="#">27</a>
<a href="#">6</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	SSE/123.0	0.00	<a href="#">28</a>
<a href="#">6</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	SSE/123.0	0.00	<a href="#">29</a>
<a href="#">7</a>	CA	ARNON CORPORATION	100 CONSTELLATION CRESCENT NEPEAN CITY ON K2G 6J8	ESE/151.1	0.00	<a href="#">29</a>
<a href="#">7</a>	CA	City of Ottawa	100 Constellation Cres Ottawa ON	ESE/151.1	0.00	<a href="#">30</a>
<a href="#">7</a>	GEN	Ottawa Public Health Environment & Health Protection	100 CONSTELLATION CRESCENT 1st Floor West - Audio Visual Room Ottawa ON K2G 6J8	ESE/151.1	0.00	<a href="#">30</a>
<a href="#">7</a>	GEN	City of Ottawa	100 Constellation Crescent Ottawa ON	ESE/151.1	0.00	<a href="#">30</a>
<a href="#">7</a>	GEN	Ottawa Public Health	100 CONSTELLATION CRESCENT 1st FLOOR WEST Ottawa ON	ESE/151.1	0.00	<a href="#">30</a>
<a href="#">7</a>	GEN	Ottawa Public Health	100 CONSTELLATION CRESCENT 1st Floor West - Audio Visual Room Ottawa ON	ESE/151.1	0.00	<a href="#">31</a>
<a href="#">7</a>	GEN	Ottawa Public Health	100 CONSTELLATION CRESCENT 1st Floor West - Audio Visual Room Ottawa ON	ESE/151.1	0.00	<a href="#">31</a>
<a href="#">7</a>	GEN	City of Ottawa	100 Constellation Crescent Ottawa ON	ESE/151.1	0.00	<a href="#">31</a>
<a href="#">7</a>	GEN	Ottawa Public Health	100 CONSTELLATION CRESCENT 1st Floor West - Audio Visual Room Ottawa ON K2G 6J8	ESE/151.1	0.00	<a href="#">31</a>
<a href="#">7</a>	GEN	NORTEL NETWORKS CORPORATION	100 CONSTELLATION CRESCENT NEPEAN ON K2G 6J8	ESE/151.1	0.00	<a href="#">32</a>
<a href="#">7</a>	GEN	City of Ottawa	100 Constellation Cr. Ottawa ON	ESE/151.1	0.00	<a href="#">32</a>
<a href="#">7</a>	GEN	NORTEL TECHNOLOGY	100 CONSTELLATION CRESCENT NEPEAN ON K2G 6J8	ESE/151.1	0.00	<a href="#">32</a>
<a href="#">7</a>	GEN	City of Ottawa Public Health	100 CONSTELLATION CRESCENT 1st FLOOR WEST Ottawa ON K2G 6J8	ESE/151.1	0.00	<a href="#">33</a>



Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<a href="#">7</a>	GEN	Ottawa Public Health	100 CONSTELLATION CRESCENT 1st FLOOR WEST Ottawa ON	ESE/151.1	0.00	<a href="#">33</a>
<a href="#">7</a>	GEN	City of Ottawa	100 Constellation Cr. Ottawa ON	ESE/151.1	0.00	<a href="#">33</a>
<a href="#">7</a>	SPL	Arnon<UNOFFICIAL>	100 Constellation Cres. Ottawa ON	ESE/151.1	0.00	<a href="#">34</a>
<a href="#">7</a>	SPL	Arnone Paving Inc.<UNOFFICIAL>	100 Constellation Crescent Ottawa ON	ESE/151.1	0.00	<a href="#">34</a>
<a href="#">8</a>	WWIS		ON	NE/168.3	1.00	<a href="#">35</a>
<a href="#">9</a>	BORE		ON	NNE/173.3	-1.76	<a href="#">35</a>
<a href="#">10</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON	SSE/178.3	0.00	<a href="#">36</a>
<a href="#">11</a>	BORE		ON	N/187.0	-3.50	<a href="#">36</a>
<a href="#">12</a>	BORE		ON	SE/192.6	0.00	<a href="#">37</a>
<a href="#">13</a>	BORE		ON	N/228.8	-3.23	<a href="#">37</a>
<a href="#">14</a>	BORE		ON	ESE/235.0	1.00	<a href="#">38</a>
<a href="#">15</a>	EHS		1400 Highgate Rd Ottawa ON K2C2Y6	W/240.3	-1.19	<a href="#">38</a>
<a href="#">15</a>	SPL	City of Ottawa	At 1400 High Gate Ottawa ON	W/240.3	-1.19	<a href="#">39</a>
<a href="#">16</a>	BORE		ON	SE/237.9	1.00	<a href="#">39</a>
<a href="#">17</a>	BORE		ON	ENE/275.0	1.00	<a href="#">39</a>
<a href="#">18</a>	GEN	Conseil des Écoles catholiques du Centre-Est	1303, rue Fellows Ottawa ON	NNW/260.8	-3.00	<a href="#">40</a>
<a href="#">19</a>	CA	Conseil des Ecoles Catholique de Language Francais de Centre-Est	1303 Fellows Rd Ottawa ON K2C 2V8	NNW/262.6	-3.00	<a href="#">41</a>
<a href="#">19</a>	EHS		1303 Fellows Rd Ottawa ON K2C 2V8	NNW/262.6	-3.00	<a href="#">41</a>
<a href="#">19</a>	GEN	OTTAWA ROMAN CATHOLIC S.S. BOARD 29-604	ST. RAYMONDS INTERMEDIATE SCHOOL 1303 FELLOWS RD.,C/O 140 CUMBERLAND ST OTTAWA ON K2C 2V8	NNW/262.6	-3.00	<a href="#">41</a>
<a href="#">19</a>	GEN	CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO	ÉCOLE SECONDAIRE PUBLIQUE DESLAURIERS 1303 CHEMIN FELLOWS OTTAWA ON K2C 2V8	NNW/262.6	-3.00	<a href="#">42</a>
<a href="#">19</a>	GEN	Conseil des Écoles catholiques du Centre-Est	1303, rue Fellows Ottawa ON K2C 2V8	NNW/262.6	-3.00	<a href="#">42</a>
<a href="#">19</a>	GEN	Conseil des écoles catholiques du Centre-Est CECCE	1303, rue Fellows Ottawa ON K2C 2V8	NNW/262.6	-3.00	<a href="#">42</a>
<a href="#">19</a>	GEN	Conseil des Écoles catholiques du Centre-Est	1303, rue Fellows Ottawa ON K2C 2V8	NNW/262.6	-3.00	<a href="#">43</a>
<a href="#">20</a>	BORE		ON	NE/276.6	1.00	<a href="#">43</a>
<a href="#">21</a>	BORE		ON	S/252.6	1.00	<a href="#">43</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">22</a>	BORE		ON	ENE/283.5	1.00	<a href="#">44</a>
<a href="#">23</a>	BORE		ON	SSE/270.0	1.00	<a href="#">44</a>
<a href="#">24</a>	BORE		ON	E/281.8	1.00	<a href="#">45</a>
<a href="#">25</a>	BORE		ON	NE/292.7	1.00	<a href="#">45</a>
<a href="#">26</a>	BORE		ON	NE/297.9	1.00	<a href="#">46</a>
<a href="#">27</a>	BORE		ON	S/283.8	1.00	<a href="#">47</a>
<a href="#">28</a>	CA	BETHANY BAPTIST CHURCH-PT.BLK.17	CENTREPOINTE DR./HEMMINGWOOD NEPEAN CITY ON	S/284.7	1.00	<a href="#">47</a>
<a href="#">29</a>	CA	1004064 ONTARIO LTD.	THORNBURY CRES. S.W.M.FACILITY NEPEAN CITY ON	S/297.0	1.00	<a href="#">48</a>
<a href="#">29</a>	CA	1004064 ONTARIO LTD.	THORNBURY CRES/HEMMINGWOOD WAY NEPEAN CITY ON	S/297.0	1.00	<a href="#">48</a>
<a href="#">29</a>	CA	1004064 ONTARIO LTD.	THORNBURY CRES/HEMMINGWOOD WAY NEPEAN CITY ON	S/297.0	1.00	<a href="#">48</a>

## Executive Summary: Summary By Data Source

### **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2014 has found that there are 16 BORE site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
ON		66.9	<a href="#"><u>2</u></a>
ON		173.3	<a href="#"><u>9</u></a>
ON		187.0	<a href="#"><u>11</u></a>
ON		192.6	<a href="#"><u>12</u></a>
ON		228.8	<a href="#"><u>13</u></a>
ON		235.0	<a href="#"><u>14</u></a>
ON		237.9	<a href="#"><u>16</u></a>
ON		275.0	<a href="#"><u>17</u></a>
ON		276.6	<a href="#"><u>20</u></a>
ON		252.6	<a href="#"><u>21</u></a>
ON		283.5	<a href="#"><u>22</u></a>
ON		270.0	<a href="#"><u>23</u></a>
ON		281.8	<a href="#"><u>24</u></a>
ON		292.7	<a href="#"><u>25</u></a>
ON		297.9	<a href="#"><u>26</u></a>
ON		283.8	<a href="#"><u>27</u></a>

### **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 10 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>
City of Ottawa	Baseline Road and Constellation Cres Ottawa ON	14.4	<a href="#"><u>1</u></a>
B.N.R.	2 CONSTALLATION CRESCENT NEPEAN CITY ON	89.4	<a href="#"><u>3</u></a>
Atria Networks LP	1 Centrepointhe Dr Ottawa ON	121.2	<a href="#"><u>5</u></a>
ARNON CORPORATION	100 CONSTELLATION CRESCENT NEPEAN CITY ON K2G 6J8	151.1	<a href="#"><u>7</u></a>
City of Ottawa	100 Constellation Cres Ottawa ON	151.1	<a href="#"><u>7</u></a>
Conseil des Ecoles Catholique de Language Francais de Centre-Est	1303 Fellows Rd Ottawa ON K2C 2V8	262.6	<a href="#"><u>19</u></a>
BETHANY BAPTIST CHURCH- PT.BLK.17	CENTREPOINTE DR./HEMMINGWOOD NEPEAN CITY ON	284.7	<a href="#"><u>28</u></a>
1004064 ONTARIO LTD.	THORNBURY CRES. S.W.M.FACILITY NEPEAN CITY ON	297.0	<a href="#"><u>29</u></a>
1004064 ONTARIO LTD.	THORNBURY CRES/HEMMINGWOOD WAY NEPEAN CITY ON	297.0	<a href="#"><u>29</u></a>
1004064 ONTARIO LTD.	THORNBURY CRES/HEMMINGWOOD WAY NEPEAN CITY ON	297.0	<a href="#"><u>29</u></a>

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

A search of the EHS database, dated 1999-Aug 2014 has found that there are 5 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>
	1 Centrepointhe Drive Nepean ON K2G 6E2	121.2	<a href="#"><u>5</u></a>
	1 Centrepointhe Drive Ottawa ON	121.2	<a href="#"><u>5</u></a>
	1 Centrepointhe Dr Ottawa ON K2G6E2	121.2	<a href="#"><u>5</u></a>
	1400 Highgate Rd Ottawa ON K2C2Y6	240.3	<a href="#"><u>15</u></a>
	1303 Fellows Rd Ottawa ON K2C 2V8	262.6	<a href="#"><u>19</u></a>

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

A search of the GEN database, dated 1986-May 2015 has found that there are 44 GEN site(s) within approximately 0.30 kilometers of the project property.

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
BELL-NORTHERN RESEARCH LTD.	2 CONSTELLATION CRES. (WOODLINE) NEPEAN C/O P.O.BOX 3511, STN. C OTTAWA ON K2G 5J9	89.4	<a href="#"><u>3</u></a>
BELL NORTHERN RESEARCH	2 CONSTELLATION CRESCENT NEPEAN ON K2G 5J9	89.4	<a href="#"><u>3</u></a>
BELL-NORTHERN RESEARCH LTD. 05-318	2 CONSTELLATION CRES. (WOODLINE) NEPEAN C/O P.O.BOX 3511, STN. C OTTAWA ON K2G 5J9	89.4	<a href="#"><u>3</u></a>
ProMed One Centrepont Ltd.	1 Centrepont Drive Ottawa ON	121.2	<a href="#"><u>5</u></a>
ProMed One Centrepont Ltd.	1 Centrepont Drive Ottawa ON	121.2	<a href="#"><u>5</u></a>
NEPEAN MEDICAL CENTRE INC.	ONE CENTREPOINTE DRIVE NEPEAN ON K2G 6E2	121.2	<a href="#"><u>5</u></a>
Andreia Barta-sima	One Centrepont Drive Suite 302 Ottawa ON	121.2	<a href="#"><u>5</u></a>
Andreia Barta-sima	One Centrepont Drive Suite 302 Ottawa ON K2G 6E2	121.2	<a href="#"><u>5</u></a>
NEPEAN MEDICAL CENTRE INC.	ONE CENTREPOINTE DRIVE NEPEAN ON K2G 6E2	121.2	<a href="#"><u>5</u></a>
ProMed One Centrepont Ltd.	1 Centrepont Drive Ottawa ON	121.2	<a href="#"><u>5</u></a>
NEPEAN MEDICAL CENTRE INC.	ONE CENTREPOINTE DRIVE NEPEAN ON K2G 6E2	121.2	<a href="#"><u>5</u></a>
NEPEAN MEDICAL CENTRE INC.	ONE CENTREPOINTE DRIVE NEPEAN ON K2G 6E2	121.2	<a href="#"><u>5</u></a>
Mohawk Medical Management Property Management	1 Centrepont Dr Nepean ON	121.2	<a href="#"><u>5</u></a>
Andreia Barta-sima	One Centrepont Drive Suite 302 Ottawa ON	121.2	<a href="#"><u>5</u></a>
DR. DALE FYMAN	1 CENTERPOINTE, SUITE 302 NEPEAN ON K2G 6E2	121.2	<a href="#"><u>5</u></a>
NEPEAN MEDICAL CENTRE INC.	ONE CENTREPOINTE DRIVE NEPEAN ON K2G 6E2	121.2	<a href="#"><u>5</u></a>
CARLETON BOARD OF EDUCATION 07-618	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	123.0	<a href="#"><u>6</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	123.0	<a href="#"><u>6</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	123.0	<a href="#"><u>6</u></a>
CARLETON BOARD OF EDUCATION	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	123.0	<a href="#"><u>6</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	123.0	<a href="#"><u>6</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	123.0	<a href="#"><u>6</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	123.0	<a href="#"><u>6</u></a>

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	123.0	<a href="#"><u>6</u></a>
Ottawa Public Health Environment & Health Protection	100 CONSTELLATION CRESCENT 1st Floor West - Audio Visual Room Ottawa ON K2G 6J8	151.1	<a href="#"><u>7</u></a>
City of Ottawa	100 Constellation Crescent Ottawa ON	151.1	<a href="#"><u>7</u></a>
Ottawa Public Health	100 CONSTELLATION CRESCENT 1st FLOOR WEST Ottawa ON	151.1	<a href="#"><u>7</u></a>
Ottawa Public Health	100 CONSTELLATION CRESCENT 1st Floor West - Audio Visual Room Ottawa ON	151.1	<a href="#"><u>7</u></a>
Ottawa Public Health	100 CONSTELLATION CRESCENT 1st Floor West - Audio Visual Room Ottawa ON	151.1	<a href="#"><u>7</u></a>
City of Ottawa	100 Constellation Crescent Ottawa ON	151.1	<a href="#"><u>7</u></a>
Ottawa Public Health	100 CONSTELLATION CRESCENT 1st Floor West - Audio Visual Room Ottawa ON K2G 6J8	151.1	<a href="#"><u>7</u></a>
NORTEL NETWORKS CORPORATION	100 CONSTELLATION CRESCENT NEPEAN ON K2G 6J8	151.1	<a href="#"><u>7</u></a>
City of Ottawa	100 Constellation Cr. Ottawa ON	151.1	<a href="#"><u>7</u></a>
NORTEL TECHNOLOGY	100 CONSTELLATION CRESCENT NEPEAN ON K2G 6J8	151.1	<a href="#"><u>7</u></a>
City of Ottawa Public Health	100 CONSTELLATION CRESCENT 1st FLOOR WEST Ottawa ON K2G 6J8	151.1	<a href="#"><u>7</u></a>
Ottawa Public Health	100 CONSTELLATION CRESCENT 1st FLOOR WEST Ottawa ON	151.1	<a href="#"><u>7</u></a>
City of Ottawa	100 Constellation Cr. Ottawa ON	151.1	<a href="#"><u>7</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON	178.3	<a href="#"><u>10</u></a>
Conseil des Écoles catholiques du Centre-Est	1303, rue Fellows Ottawa ON	260.8	<a href="#"><u>18</u></a>
Conseil des Écoles catholiques du Centre-Est	1303, rue Fellows Ottawa ON K2C 2V8	262.6	<a href="#"><u>19</u></a>
Conseil des écoles catholiques du Centre-Est CECCE	1303, rue Fellows Ottawa ON K2C 2V8	262.6	<a href="#"><u>19</u></a>
Conseil des Écoles catholiques du Centre-Est	1303, rue Fellows Ottawa ON K2C 2V8	262.6	<a href="#"><u>19</u></a>
CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO	ÉCOLE SECONDAIRE PUBLIQUE DESLAURIERS 1303 CHEMIN FELLOWS OTTAWA ON K2C 2V8	262.6	<a href="#"><u>19</u></a>
OTTAWA ROMAN CATHOLIC S.S. BOARD 29-604	ST. RAYMONDS INTERMEDIATE SCHOOL 1303 FELLOWS RD.,C/O 140 CUMBERLAND ST OTTAWA ON K2C 2V8	262.6	<a href="#"><u>19</u></a>

## **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Jun 2015 has found that there are 3 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>
Arnone Paving Inc.<UNOFFICIAL>	100 Constellation Crescent Ottawa ON	151.1	<a href="#"><u>7</u></a>
Arnon<UNOFFICIAL>	100 Constellation Cres. Ottawa ON	151.1	<a href="#"><u>7</u></a>
City of Ottawa	At 1400 High Gate Ottawa ON	240.3	<a href="#"><u>15</u></a>

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

A search of the WWIS database, dated 1955-Mar 2014 has found that there are 3 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	66.9	<a href="#"><u>2</u></a>
	lot 35 con 2 ON	121.2	<a href="#"><u>4</u></a>
	ON	168.3	<a href="#"><u>8</u></a>



## Map

Address: 2140 Baseline Rd, Ottawa, ON, K2C0C8  
Order No: 20160822019



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		Other Recreation Area
	Proposed Road		
	Ferry Route/Ice Road		



75°46'30"W

45°21'N

45°21'N



**Aerial**

**Address: 2140 Baseline Rd, Ottawa, ON, K2C0C8**

Source: ESRI World Imagery

Order No: 20160822019



© Ecolog ERIS Ltd



## Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">1</a>	1 of 1	NW/14.4	84.5	City of Ottawa Baseline Road and Constellation Cres Ottawa ON	CA
Certificate #:		7313-7RYKAC			
Application Year:		2009			
Issue Date:		5/13/2009			
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:					
<a href="#">2</a>	1 of 2	N/66.9	85.0	ON	BORE
Borehole ID:		610835		Type:	Borehole
Use:				Status:	
Drill Method:				UTM Zone:	18
Easting:		439976		Northing:	5022162
Location Accuracy:				Orig. Ground Elev m:	85.3
Elev. Reliability Note:				DEM Ground Elev m:	85.8
Total Depth m:		54.6		Primary Name:	
Township:				Concession:	
Lot:				Municipality:	
Completion Date:		MAR-1953		Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:		218386677		Top Depth(m):	0.0
Bottom Depth(m):		10.1		Stratum Desc:	SOIL,CLAY. GREY.
+					
Stratum ID:		218386678		Top Depth(m):	10.1
Bottom Depth(m):		34.4		Stratum Desc:	LIMESTONE.
+					
Stratum ID:		218386679		Top Depth(m):	34.4
Bottom Depth(m):		54.6		Stratum Desc:	LIMESTONE,SHALE. 00071FF. BEDROCK,DOLOMITE. BEDROCK,DOLOMITE. 00010 030 00050 041
<a href="#">2</a>	2 of 2	N/66.9	85.0	ON	WWIS
Well ID:		1507865		Lot:	
Concession:				Concession Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>County:</b> <b>Easting Nad83:</b> <b>Zone:</b> <b>Primary Water Use:</b> <b>Sec. Water Use:</b> <b>Pump Rate:</b> <b>Flow Rate:</b> <b>Specific Capacity:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Depth to Bedrock:</b> <b>Water Type:</b>	OTTAWA-CARLETON 439975.7 18 Domestic 3 GPM Cable Tool 85.77 33 FRESH			<b>Municipality:</b> <b>Northing Nad83:</b> <b>Utm Reliability:</b> <b>Construction Date:</b> <b>Well Depth:</b> <b>Static Water Level:</b> <b>Clear/Cloudy:</b> <b>Final Well Status:</b> <b>Flowing (y/n):</b> <b>Elevation Reliability:</b> <b>Overburden/Bedrock:</b> <b>Casing Material:</b>	OTTAWA CITY 5022162 unknown UTM 18-MAR-53 179 ft 30 ft CLEAR Water Supply N Bedrock FRESH, MINERIAL
--- Details ---					
<b>Thickness:</b>	33 ft			<b>Original Depth:</b>	33 ft
<b>Material Colour:</b>	GREY			<b>Material:</b>	TOPSOIL, CLAY
+					
<b>Thickness:</b>	80 ft			<b>Original Depth:</b>	113 ft
<b>Material Colour:</b>				<b>Material:</b>	LIMESTONE
+					
<b>Thickness:</b>	66 ft			<b>Original Depth:</b>	179 ft
<b>Material Colour:</b>				<b>Material:</b>	LIMESTONE, SHALE
<u>3</u>	1 of 4	E/89.4	84.0	<b>B.N.R.</b> <b>2 CONSTALLATION CRESCENT</b> <b>NEPEAN CITY ON</b>	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>	8-4119-88- 88 11/4/1988 Industrial air Cancelled DUPLICATE OF NO. 8-4088-88				
<u>3</u>	2 of 4	E/89.4	84.0	<b>BELL-NORTHERN RESEARCH LTD. 05-318</b> <b>2 CONSTELLATION CRES. (WOODLINE)</b> <b>NEPEAN C/O P.O.BOX 3511, STN. C</b> <b>OTTAWA ON K2G 5J9</b>	GEN
<b>Generator #:</b> <b>Approval Yrs:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON0231502 94,95,96 3351 TELECOMMUNICATIONS				
--- Details ---					
<b>Waste Code:</b>	112				
<b>Waste Description:</b>	ACID WASTE - HEAVY METALS				
+					
<b>Waste Code:</b>	121				
<b>Waste Description:</b>	ALKALINE WASTES - HEAVY METALS				
+					
<b>Waste Code:</b>	212				
<b>Waste Description:</b>	ALIPHATIC SOLVENTS				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> </div> <div> <div>241</div> <div>HALOGENATED SOLVENTS</div> </div>					
<a href="#">3</a>	3 of 4	E/89.4	84.0	BELL NORTHERN RESEARCH 2 CONSTELLATION CRESCENT NEPEAN ON K2G 5J9	GEN
<div> <div>Generator #:</div> <div>Approval Yrs:</div> <div>SIC Code:</div> <div>SIC Description:</div> </div> <div> <div>ON0231502</div> <div>92,93,97,98,99,00,01</div> <div>3351</div> <div>TELECOMMUNICATIONS</div> </div>					
<div> <div>--- Details ---</div> <div>Waste Code:</div> <div>Waste Description:</div> </div> <div> <div>112</div> <div>ACID WASTE - HEAVY METALS</div> </div>					
<div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> </div> <div> <div>121</div> <div>ALKALINE WASTES - HEAVY METALS</div> </div>					
<div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> </div> <div> <div>148</div> <div>INORGANIC LABORATORY CHEMICALS</div> </div>					
<div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> </div> <div> <div>212</div> <div>ALIPHATIC SOLVENTS</div> </div>					
<div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> </div> <div> <div>241</div> <div>HALOGENATED SOLVENTS</div> </div>					
<div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> </div> <div> <div>263</div> <div>ORGANIC LABORATORY CHEMICALS</div> </div>					
<a href="#">3</a>	4 of 4	E/89.4	84.0	BELL-NORTHERN RESEARCH LTD. 2 CONSTELLATION CRES. (WOODLINE) NEPEAN C/O P.O.BOX 3511, STN. C OTTAWA ON K2G 5J9	GEN
<div> <div>Generator #:</div> <div>Approval Yrs:</div> <div>SIC Code:</div> <div>SIC Description:</div> </div> <div> <div>ON0231502</div> <div>89,90</div> <div>3351</div> <div>TELECOMMUNICATIONS</div> </div>					
<div> <div>--- Details ---</div> <div>Waste Code:</div> <div>Waste Description:</div> </div> <div> <div>112</div> <div>ACID WASTE - HEAVY METALS</div> </div>					
<div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> </div> <div> <div>121</div> <div>ALKALINE WASTES - HEAVY METALS</div> </div>					
<div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> </div> <div> <div>212</div> <div>ALIPHATIC SOLVENTS</div> </div>					
<div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> </div> <div> <div>241</div> <div>HALOGENATED SOLVENTS</div> </div>					
<a href="#">4</a>	1 of 1	ESE/121.2	84.0	lot 35 con 2 ON	WWIS
<div> <div>Well ID:</div> <div>Concession:</div> <div>County:</div> <div>Easting Nad83:</div> <div>Zone:</div> <div>Primary Water Use:</div> </div> <div> <div>1516834</div> <div>02</div> <div>OTTAWA-CARLETON</div> <div>440129.7</div> <div>18</div> <div>Domestic</div> </div>					
<div> <div>Lot:</div> <div>Concession Name:</div> <div>Municipality:</div> <div>Northing Nad83:</div> <div>Utm Reliability:</div> <div>Construction Date:</div> </div> <div> <div>035</div> <div>RF</div> <div>NEPEAN TOWNSHIP</div> <div>5022021</div> <div>margin of error : 30 m - 100 m</div> <div>07-NOV-78</div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<div> <div> <b>Sec. Water Use:</b>  <b>Pump Rate:</b> 5 GPM  <b>Flow Rate:</b>  <b>Specific Capacity:</b>  <b>Construction Method:</b> Air Percussion  <b>Elevation (m):</b> 86.15  <b>Depth to Bedrock:</b> 17  <b>Water Type:</b> FRESH </div> <div> <b>Well Depth:</b> 150 ft  <b>Static Water Level:</b> 20 ft  <b>Clear/Cloudy:</b> CLEAR  <b>Final Well Status:</b> Water Supply  <b>Flowing (y/n):</b> N  <b>Elevation Reliability:</b>  <b>Overburden/Bedrock:</b> Bedrock  <b>Casing Material:</b> FRESH, MINERIAL </div> </div> <div> <div> <b>--- Details ---</b>  <b>Thickness:</b> 17 ft  <b>Material Colour:</b> BROWN  <b>+</b>  <b>Thickness:</b> 133 ft  <b>Material Colour:</b> GREY </div> <div> <b>Original Depth:</b> 17 ft  <b>Material:</b> CLAY    <b>Original Depth:</b> 150 ft  <b>Material:</b> LIMESTONE, LAYERED, SOFT </div> </div>					
<a href="#">5</a>	1 of 17	SW/121.2	85.0	Atria Networks LP 1 Centrepointhe Dr Ottawa ON	CA
<div> <b>Certificate #:</b> 1004-7Y6PH9  <b>Application Year:</b> 2009  <b>Issue Date:</b> 11/30/2009  <b>Approval Type:</b> Air  <b>Status:</b> Approved  <b>Application Type:</b>  <b>Client Name:</b>  <b>Client Address:</b>  <b>Client City:</b>  <b>Client Postal Code:</b>  <b>Project Description:</b>  <b>Contaminants:</b>  <b>Emission Control:</b> </div>					
<a href="#">5</a>	2 of 17	SW/121.2	85.0	1 Centrepointhe Drive Ottawa ON	EHS
<div> <b>Addit. Info Ordered:</b>  <b>Order No.:</b> 20120517015  <b>Report Date:</b> 5/24/2012 1:02:44 PM  <b>Report Type:</b> Standard Report  <b>Search Radius (km):</b> 0.25 </div>					
<a href="#">5</a>	3 of 17	SW/121.2	85.0	1 Centrepointhe Drive Nepean ON K2G 6E2	EHS
<div> <b>Addit. Info Ordered:</b>  <b>Order No.:</b> 20070618009  <b>Report Date:</b> 6/26/2007  <b>Report Type:</b> CAN - Custom Report  <b>Search Radius (km):</b> 0.25 </div>					
<a href="#">5</a>	4 of 17	SW/121.2	85.0	1 Centrepointhe Dr Ottawa ON K2G6E2	EHS
<div> <b>Addit. Info Ordered:</b>  <b>Order No.:</b> 20140811007  <b>Report Date:</b> 14-AUG-14 </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Report Type: Search Radius (km):		Custom Report .25			
<a href="#">5</a>	5 of 17	SW/121.2	85.0	NEPEAN MEDICAL CENTRE INC. ONE CENTREPOINTE DRIVE NEPEAN ON K2G 6E2	GEN
Generator #:		ON1872500			
Approval Yrs:		2011			
SIC Code:		541619			
SIC Description:		Other Management Consulting Services			
--- Details ---					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
+					
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
<a href="#">5</a>	6 of 17	SW/121.2	85.0	DR. DALE FYMAN 1 CENTERPOINTE, SUITE 302 NEPEAN ON K2G 6E2	GEN
Generator #:		ON2581400			
Approval Yrs:		00,01			
SIC Code:		8653			
SIC Description:		DENTISTS, GP., OFF.			
--- Details ---					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
<a href="#">5</a>	7 of 17	SW/121.2	85.0	ProMed One Centrepont Ltd. 1 CentrepoinTE Drive Ottawa ON	GEN
Generator #:		ON4046017			
Approval Yrs:		2012			
SIC Code:		531310			
SIC Description:		Real Estate Property Managers			
<a href="#">5</a>	8 of 17	SW/121.2	85.0	ProMed One Centrepont Ltd. 1 CentrepoinTE Drive Ottawa ON	GEN
Generator #:		ON4046017			
Approval Yrs:		2013			
SIC Code:		531310			
SIC Description:		REAL ESTATE PROPERTY MANAGERS			
--- Details ---					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
+					
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
<a href="#">5</a>	9 of 17	SW/121.2	85.0	NEPEAN MEDICAL CENTRE INC. ONE CENTREPOINTE DRIVE NEPEAN ON K2G 6E2	GEN



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Generator #:</b> ON1872500 <b>Approval Yrs:</b> 94,95,96,97,98,99,00,01,02,03,04,05,06,07,08 <b>SIC Code:</b> 7512 <b>SIC Description:</b> NON-RES. BLDG. OPER. <b>--- Details ---</b> <b>Waste Code:</b> 261 <b>Waste Description:</b> PHARMACEUTICALS <b>+</b> <b>Waste Code:</b> 312 <b>Waste Description:</b> PATHOLOGICAL WASTES					
<a href="#">5</a>	10 of 17	SW/121.2	85.0	Andreia Barta-sima One CentrepoinTE Drive Suite 302 Ottawa ON	GEN
<b>Generator #:</b> ON7942301 <b>Approval Yrs:</b> 2009 <b>SIC Code:</b> 339110 <b>SIC Description:</b> Medical Equipment and Supplies Manufacturing <b>--- Details ---</b> <b>Waste Code:</b> 264 <b>Waste Description:</b> PHOTOPROCESSING WASTES					
<a href="#">5</a>	11 of 17	SW/121.2	85.0	Andreia Barta-sima One CentrepoinTE Drive Suite 302 Ottawa ON K2G 6E2	GEN
<b>Generator #:</b> ON7942301 <b>Approval Yrs:</b> 07,08 <b>SIC Code:</b> 339110 <b>SIC Description:</b> Medical Equipment and Supplies Manufacturing <b>--- Details ---</b> <b>Waste Code:</b> 264 <b>Waste Description:</b> PHOTOPROCESSING WASTES					
<a href="#">5</a>	12 of 17	SW/121.2	85.0	NEPEAN MEDICAL CENTRE INC. ONE CENTREPOINTE DRIVE NEPEAN ON K2G 6E2	GEN
<b>Generator #:</b> ON1872500 <b>Approval Yrs:</b> 2009 <b>SIC Code:</b> 541619 <b>SIC Description:</b> Other Management Consulting Services <b>--- Details ---</b> <b>Waste Code:</b> 261 <b>Waste Description:</b> PHARMACEUTICALS <b>+</b> <b>Waste Code:</b> 312 <b>Waste Description:</b> PATHOLOGICAL WASTES					
<a href="#">5</a>	13 of 17	SW/121.2	85.0	ProMed One CentrepoinT Ltd. 1 CentrepoinTE Drive Ottawa ON	GEN
<b>Generator #:</b> ON4046017 <b>Approval Yrs:</b> As of April 2014 <b>SIC Code:</b> <b>SIC Description:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<div> <div>--- Details ---</div> <div> Waste Code: 312  Waste Description: Pathological wastes  +  Waste Code: 261  Waste Description: Pharmaceuticals </div> </div>					
<a href="#">5</a>	14 of 17	SW/121.2	85.0	NEPEAN MEDICAL CENTRE INC. ONE CENTREPOINTE DRIVE NEPEAN ON K2G 6E2	GEN
<div> Generator #: ON1872500  Approval Yrs: 2010  SIC Code: 541619  SIC Description: Other Management Consulting Services </div> <div> <div>--- Details ---</div> <div> Waste Code: 261  Waste Description: PHARMACEUTICALS  +  Waste Code: 312  Waste Description: PATHOLOGICAL WASTES </div> </div>					
<a href="#">5</a>	15 of 17	SW/121.2	85.0	NEPEAN MEDICAL CENTRE INC. ONE CENTREPOINTE DRIVE NEPEAN ON K2G 6E2	GEN
<div> Generator #: ON1872500  Approval Yrs: 2012  SIC Code: 541619  SIC Description: Other Management Consulting Services </div> <div> <div>--- Details ---</div> <div> Waste Code: 312  Waste Description: PATHOLOGICAL WASTES  +  Waste Code: 261  Waste Description: PHARMACEUTICALS </div> </div>					
<a href="#">5</a>	16 of 17	SW/121.2	85.0	Mohawk Medical Management Property Management 1 CentrepoinTE Dr Nepean ON	GEN
<div> Generator #: ON6277049  Approval Yrs: As of May 2015  SIC Code:  SIC Description: </div> <div> <div>--- Details ---</div> <div> Waste Code: 261  Waste Description: Pharmaceuticals  +  Waste Code: 312  Waste Description: Pathological wastes </div> </div>					
<a href="#">5</a>	17 of 17	SW/121.2	85.0	Andreia Barta-sima One CentrepoinTE Drive Suite 302 Ottawa ON	GEN
<div> Generator #: ON7942301  Approval Yrs: 2010  SIC Code: 339110 </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
SIC Description:		Medical Equipment and Supplies Manufacturing			
--- Details ---					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
<a href="#">6</a>	1 of 8	SSE/123.0	84.0	CARLETON BOARD OF EDUCATION 07-618 SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	GEN
Generator #:		ON0051008			
Approval Yrs:		94,95,96			
SIC Code:		8511			
SIC Description:		ELEMT./SECON. EDUC.			
--- Details ---					
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
+					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
+					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
<a href="#">6</a>	2 of 8	SSE/123.0	84.0	OTTAWA-CARLETON DISTRICT SCHOOL BOARD SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	GEN
Generator #:		ON0051008			
Approval Yrs:		2011			
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
--- Details ---					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
+					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
+					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
+					
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
+					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
+					
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
+					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
+					
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<div>Waste Code: 121</div> <div>Waste Description: ALKALINE WASTES - HEAVY METALS</div> <div>+</div> <div>Waste Code: 148</div> <div>Waste Description: INORGANIC LABORATORY CHEMICALS</div>					
<a href="#">6</a>	3 of 8	SSE/123.0	84.0	OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	GEN
Generator #:		ON0051008			
Approval Yrs:		As of May 2015			
SIC Code:					
SIC Description:					
--- Details ---					
Waste Code:		212			
Waste Description:		Aliphatic solvents and residues			
+					
Waste Code:		263			
Waste Description:		Misc. waste organic chemicals			
+					
Waste Code:		146			
Waste Description:		Other specified inorganic sludges, slurries or solids			
+					
Waste Code:		121			
Waste Description:		Alkaline slutions - containing heavy metals			
+					
Waste Code:		251			
Waste Description:		Waste oils/sludges (petroleum based)			
+					
Waste Code:		264			
Waste Description:		Photoprocessing wastes			
+					
Waste Code:		145			
Waste Description:		Wastes from the use of pigments, coatings and paints			
+					
Waste Code:		331			
Waste Description:		Waste compressed gases including cylinders			
+					
Waste Code:		213			
Waste Description:		Petroleum distillates			
+					
Waste Code:		112			
Waste Description:		Acid solutions - containing heavy metals			
+					
Waste Code:		252			
Waste Description:		Waste crankcase oils and lubricants			
+					
Waste Code:		148			
Waste Description:		Misc. wastes and inorganic chemicals			
<a href="#">6</a>	4 of 8	SSE/123.0	84.0	CARLETON BOARD OF EDUCATION SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	GEN
Generator #:		ON0051008			
Approval Yrs:		92,93,97			
SIC Code:		8511			
SIC Description:		ELEMNT./SECON. EDUC.			
--- Details ---					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<div> <div>Waste Code:</div> <div>Waste Description:</div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> </div> <div> <div>212</div> <div>ALIPHATIC SOLVENTS</div> <div>213</div> <div>PETROLEUM DISTILLATES</div> <div>252</div> <div>WASTE OILS &amp; LUBRICANTS</div> </div>					
<a href="#">6</a>	5 of 8	SSE/123.0	84.0	<b>OTTAWA-CARLETON DISTRICT SCHOOL BOARD</b> <b>SIR GUY CARLETON SECONDARY SCHOOL 55</b> <b>CENTREPOINTE DRIVE</b> <b>NEPEAN ON K2G 5L4</b>	GEN
<div> <div>Generator #:</div> <div>Approval Yrs:</div> <div>SIC Code:</div> <div>SIC Description:</div> </div> <div> <div>ON0051008</div> <div>2009</div> <div>611110</div> <div>Elementary and Secondary Schools</div> </div>					
<div> <div>--- Details ---</div> <div>Waste Code:</div> <div>Waste Description:</div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> </div> <div> <div>145</div> <div>PAINT/PIGMENT/COATING RESIDUES</div> <div>148</div> <div>INORGANIC LABORATORY CHEMICALS</div> <div>212</div> <div>ALIPHATIC SOLVENTS</div> <div>213</div> <div>PETROLEUM DISTILLATES</div> <div>251</div> <div>OIL SKIMMINGS &amp; SLUDGES</div> <div>252</div> <div>WASTE OILS &amp; LUBRICANTS</div> <div>263</div> <div>ORGANIC LABORATORY CHEMICALS</div> <div>264</div> <div>PHOTOPROCESSING WASTES</div> <div>331</div> <div>WASTE COMPRESSED GASES</div> </div>					
<a href="#">6</a>	6 of 8	SSE/123.0	84.0	<b>OTTAWA-CARLETON DISTRICT SCHOOL BOARD</b> <b>SIR GUY CARLETON SECONDARY SCHOOL 55</b> <b>CENTREPOINTE DRIVE</b> <b>NEPEAN ON K2G 5L4</b>	GEN
<div> <div>Generator #:</div> <div>Approval Yrs:</div> <div>SIC Code:</div> <div>SIC Description:</div> </div> <div> <div>ON0051008</div> <div>2010</div> <div>611110</div> <div>Elementary and Secondary Schools</div> </div>					
<div> <div>--- Details ---</div> <div>Waste Code:</div> <div>Waste Description:</div> <div>+</div> <div>Waste Code:</div> <div>Waste Description:</div> </div> <div> <div>145</div> <div>PAINT/PIGMENT/COATING RESIDUES</div> <div>212</div> <div>ALIPHATIC SOLVENTS</div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
+			264		
Waste Code:			PHOTOPROCESSING WASTES		
+					
Waste Code:			148		
Waste Description:			INORGANIC LABORATORY CHEMICALS		
+					
Waste Code:			331		
Waste Description:			WASTE COMPRESSED GASES		
+					
Waste Code:			251		
Waste Description:			OIL SKIMMINGS & SLUDGES		
+					
Waste Code:			263		
Waste Description:			ORGANIC LABORATORY CHEMICALS		
+					
Waste Code:			252		
Waste Description:			WASTE OILS & LUBRICANTS		
+					
Waste Code:			121		
Waste Description:			ALKALINE WASTES - HEAVY METALS		
+					
Waste Code:			213		
Waste Description:			PETROLEUM DISTILLATES		
+					
Waste Code:			146		
Waste Description:			OTHER SPECIFIED INORGANICS		

<u>6</u>	7 of 8	SSE/123.0	84.0	OTTAWA-CARLETON DISTRICT SCHOOL BOARD SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON K2G 5L4	GEN
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Generator #: ON0051008  
 Approval Yrs: 98,99,00,01,02,03,04,05,06,07,08  
 SIC Code: 8511  
 SIC Description: ELEM.T./SECON. EDUC.

--- Details ---

Waste Code:	331
Waste Description:	WASTE COMPRESSED GASES
+	
Waste Code:	331
Waste Description:	WASTE COMPRESSED GASES
+	
Waste Code:	251
Waste Description:	OIL SKIMMINGS & SLUDGES
+	
Waste Code:	145
Waste Description:	PAINT/PIGMENT/COATING RESIDUES
+	
Waste Code:	148
Waste Description:	INORGANIC LABORATORY CHEMICALS
+	
Waste Code:	263
Waste Description:	ORGANIC LABORATORY CHEMICALS
+	
Waste Code:	264
Waste Description:	PHOTOPROCESSING WASTES
+	
Waste Code:	212
Waste Description:	ALIPHATIC SOLVENTS
+	
Waste Code:	213

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Waste Description:</b> + <b>Waste Code:</b> <b>Waste Description:</b>		PETROLEUM DISTILLATES  252 WASTE OILS & LUBRICANTS			
<a href="#">6</a>	8 of 8	SSE/123.0	84.0	<b>OTTAWA-CARLETON DISTRICT SCHOOL BOARD</b> <b>SIR GUY CARLETON SECONDARY SCHOOL 55</b> <b>CENTREPOINTE DRIVE</b> <b>NEPEAN ON K2G 5L4</b>	GEN
<b>Generator #:</b> <b>Approval Yrs:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON0051008 2012 611110 Elementary and Secondary Schools			
--- Details ---					
<b>Waste Code:</b>		148			
<b>Waste Description:</b>		INORGANIC LABORATORY CHEMICALS			
+					
<b>Waste Code:</b>		331			
<b>Waste Description:</b>		WASTE COMPRESSED GASES			
+					
<b>Waste Code:</b>		121			
<b>Waste Description:</b>		ALKALINE WASTES - HEAVY METALS			
+					
<b>Waste Code:</b>		146			
<b>Waste Description:</b>		OTHER SPECIFIED INORGANICS			
+					
<b>Waste Code:</b>		251			
<b>Waste Description:</b>		OIL SKIMMINGS & SLUDGES			
+					
<b>Waste Code:</b>		213			
<b>Waste Description:</b>		PETROLEUM DISTILLATES			
+					
<b>Waste Code:</b>		263			
<b>Waste Description:</b>		ORGANIC LABORATORY CHEMICALS			
+					
<b>Waste Code:</b>		264			
<b>Waste Description:</b>		PHOTOPROCESSING WASTES			
+					
<b>Waste Code:</b>		145			
<b>Waste Description:</b>		PAINT/PIGMENT/COATING RESIDUES			
+					
<b>Waste Code:</b>		252			
<b>Waste Description:</b>		WASTE OILS & LUBRICANTS			
+					
<b>Waste Code:</b>		212			
<b>Waste Description:</b>		ALIPHATIC SOLVENTS			
<a href="#">7</a>	1 of 17	ESE/151.1	84.0	<b>ARNON CORPORATION</b> <b>100 CONSTELLATION CRESCENT</b> <b>NEPEAN CITY ON K2G 6J8</b>	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b>		8-4160-97- 97 12/2/1997 Industrial air Approved			



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Project Description:</b>		EMERGENCY GENERATOR, HOT WATER BOILERS			
<b>Contaminants:</b>		Nitrogen Oxides, Sound			
<b>Emission Control:</b>		No Controls			
<a href="#">7</a>	2 of 17	ESE/151.1	84.0	City of Ottawa 100 Constellation Cres Ottawa ON	CA
<b>Certificate #:</b>		2443-7CAL6R			
<b>Application Year:</b>		2008			
<b>Issue Date:</b>		3/4/2008			
<b>Approval Type:</b>		Municipal and Private Sewage Works			
<b>Status:</b>		Approved			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">7</a>	3 of 17	ESE/151.1	84.0	Ottawa Public Health Environment & Health Protection 100 CONSTELLATION CRESCENT 1st Floor West - Audio Visual Room Ottawa ON K2G 6J8	GEN
<b>Generator #:</b>		ON4813422			
<b>Approval Yrs:</b>		As of May 2015			
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>--- Details ---</b>					
<b>Waste Code:</b>		261			
<b>Waste Description:</b>		Pharmaceuticals			
<b>+</b>					
<b>Waste Code:</b>		312			
<b>Waste Description:</b>		Pathological wastes			
<a href="#">7</a>	4 of 17	ESE/151.1	84.0	City of Ottawa 100 Constellation Crescent Ottawa ON	GEN
<b>Generator #:</b>		ON2984768			
<b>Approval Yrs:</b>		2009			
<b>SIC Code:</b>		911910			
<b>SIC Description:</b>		Other Federal Government Public Administration			
<b>--- Details ---</b>					
<b>Waste Code:</b>		121			
<b>Waste Description:</b>		ALKALINE WASTES - HEAVY METALS			
<a href="#">7</a>	5 of 17	ESE/151.1	84.0	Ottawa Public Health 100 CONSTELLATION CRESCENT 1st FLOOR WEST Ottawa ON	GEN
<b>Generator #:</b>		ON4813422			
<b>Approval Yrs:</b>		2010			
<b>SIC Code:</b>		913910			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
SIC Description:		Other Local Municipal and Regional Public Administration			
--- Details ---					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
<a href="#">7</a>	6 of 17	ESE/151.1	84.0	Ottawa Public Health 100 CONSTELLATION CRESCENT 1st Floor West - Audio Visual Room Ottawa ON	GEN
Generator #:		ON4813422			
Approval Yrs:		2013			
SIC Code:		913910			
SIC Description:					
--- Details ---					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
+					
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
<a href="#">7</a>	7 of 17	ESE/151.1	84.0	Ottawa Public Health 100 CONSTELLATION CRESCENT 1st Floor West - Audio Visual Room Ottawa ON	GEN
Generator #:		ON4813422			
Approval Yrs:		2011			
SIC Code:		913910			
SIC Description:		Other Local Municipal and Regional Public Administration			
--- Details ---					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
<a href="#">7</a>	8 of 17	ESE/151.1	84.0	City of Ottawa 100 Constellation Crescent Ottawa ON	GEN
Generator #:		ON2984768			
Approval Yrs:		06,07,08			
SIC Code:		911910			
SIC Description:		Other Federal Government Public Administration			
--- Details ---					
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
<a href="#">7</a>	9 of 17	ESE/151.1	84.0	Ottawa Public Health 100 CONSTELLATION CRESCENT 1st Floor West - Audio Visual Room Ottawa ON K2G 6J8	GEN
Generator #:		ON4813422			
Approval Yrs:		2012			
SIC Code:		913910			
SIC Description:		Other Local Municipal and Regional Public Administration			
--- Details ---					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">7</a>	10 of 17	ESE/151.1	84.0	NORTEL NETWORKS CORPORATION 100 CONSTELLATION CRESCENT NEPEAN ON K2G 6J8	GEN
Generator #:		ON0132318			
Approval Yrs:		02,03,04			
SIC Code:					
SIC Description:					
--- Details ---					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
<a href="#">7</a>	11 of 17	ESE/151.1	84.0	City of Ottawa 100 Constellation Cr. Ottawa ON	GEN
Generator #:		ON3711737			
Approval Yrs:		2013			
SIC Code:		913150			
SIC Description:					
--- Details ---					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
+					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
+					
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
+					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
+					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
+					
Waste Code:		147			
Waste Description:		CHEMICAL FERTILIZER WASTES			
+					
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
+					
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
+					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
+					
Waste Code:		242			
Waste Description:		HALOGENATED PESTICIDES			
+					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
<a href="#">7</a>	12 of 17	ESE/151.1	84.0	NORTEL TECHNOLOGY	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
				100 CONSTELLATION CRESCENT NEPEAN ON K2G 6J8	
Generator #:		ON0132318			
Approval Yrs:		98,99,00,01			
SIC Code:		3351			
SIC Description:		TELECOMMUNICATIONS			
--- Details ---					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
<hr/>					
<a href="#">7</a>	13 of 17	ESE/151.1	84.0	City of Ottawa Public Health 100 CONSTELLATION CRESCENT 1st FLOOR WEST Ottawa ON K2G 6J8	GEN
Generator #:		ON4813422			
Approval Yrs:		05,06,07,08			
SIC Code:		913910			
SIC Description:		Other Local Municipal and Regional Public Administration			
--- Details ---					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
+					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
<hr/>					
<a href="#">7</a>	14 of 17	ESE/151.1	84.0	Ottawa Public Health 100 CONSTELLATION CRESCENT 1st FLOOR WEST Ottawa ON	GEN
Generator #:		ON4813422			
Approval Yrs:		2009			
SIC Code:		913910			
SIC Description:		Other Local Municipal and Regional Public Administration			
--- Details ---					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
<hr/>					
<a href="#">7</a>	15 of 17	ESE/151.1	84.0	City of Ottawa 100 Constellation Cr. Ottawa ON	GEN
Generator #:		ON3711737			
Approval Yrs:		As of April 2014			
SIC Code:					
SIC Description:					
--- Details ---					
Waste Code:		112			
Waste Description:		Acid solutions - containing heavy metals			
+					
Waste Code:		147			
Waste Description:		Chemical fertilizer wastes			
+					
Waste Code:		212			
Waste Description:		Aliphatic solvents and residues			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
+					
Waste Code:		312			
Waste Description:		Pathological wastes			
+					
Waste Code:		145			
Waste Description:		Wastes from the use of pigments, coatings and paints			
+					
Waste Code:		221			
Waste Description:		Light fuels			
+					
Waste Code:		263			
Waste Description:		Misc. waste organic chemicals			
+					
Waste Code:		148			
Waste Description:		Misc. wastes and inorganic chemicals			
+					
Waste Code:		242			
Waste Description:		Halogenated pesticides and herbicides			
+					
Waste Code:		252			
Waste Description:		Waste crankcase oils and lubricants			
+					
Waste Code:		261			
Waste Description:		Pharmaceuticals			
+					
Waste Code:		331			
Waste Description:		Waste compressed gases including cylinders			
+					
Waste Code:		146			
Waste Description:		Other specified inorganic sludges, slurries or solids			
<hr/>					
<a href="#">7</a>	16 of 17	ESE/151.1	84.0	Arnon<UNOFFICIAL> 100 Constellation Cres. Ottawa ON	SPL
<hr/>					
Ref NO:		1460-7V3KJX			
Contaminant Code:					
Contaminant Name:		HYDRAULIC OIL			
Contaminant Quantity:		30 L			
Incident Cause:		Other Discharges			
Incident Dt:					
Incident Reason:		Spill			
Incident Summary:		Arnon: hydraulic line spill, 30 L, CB impacted.			
MOE Reported Dt:		8/19/2009			
Environmental Impact:		Not Anticipated			
Nature of Impact:		Other Impact(s)			
Receiving Medium:					
SAC Action Class:		Land Spills			
Sector Source Type:		Other			
Site Municipality:		Ottawa			
<hr/>					
<a href="#">7</a>	17 of 17	ESE/151.1	84.0	Arnone Paving Inc.<UNOFFICIAL> 100 Constellation Crescent Ottawa ON	SPL
<hr/>					
Ref NO:		8763-8QTPW8			
Contaminant Code:		12			
Contaminant Name:		GASOLINE			
Contaminant Quantity:					
Incident Cause:		Unknown			
Incident Dt:		24-JAN-12			
Incident Reason:					
Incident Summary:		Arnon:gasoline to CB ~1 litre			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>MOE Reported Dt:</b> <b>Environmental Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>SAC Action Class:</b> <b>Sector Source Type:</b> <b>Site Municipality:</b>		24-JAN-12 Not Anticipated Sewage - Municipal/Private and Commercial Primary Assessment of Spills Motor Vehicle Ottawa			
<u>8</u>	1 of 1	NE/168.3	85.0	ON	WWIS
<b>Well ID:</b> <b>Concession:</b> <b>County:</b> <b>Easting Nad83:</b> <b>Zone:</b> <b>Primary Water Use:</b> <b>Sec. Water Use:</b> <b>Pump Rate:</b> <b>Flow Rate:</b> <b>Specific Capacity:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Depth to Bedrock:</b> <b>Water Type:</b>		1507860 OTTAWA-CARLETON 440095.7 18 Domestic 3 GPM Cable Tool 84.87 40 FRESH		<b>Lot:</b> <b>Concession Name:</b> <b>Municipality:</b> <b>Northing Nad83:</b> <b>Utm Reliability:</b> <b>Construction Date:</b> <b>Well Depth:</b> <b>Static Water Level:</b> <b>Clear/Cloudy:</b> <b>Final Well Status:</b> <b>Flowing (y/n):</b> <b>Elevation Reliability:</b> <b>Overburden/Bedrock:</b> <b>Casing Material:</b>	
--- Details ---					
<b>Thickness:</b>		40 ft		<b>Original Depth:</b>	
<b>Material Colour:</b>		BLUE		<b>Material:</b>	
+					
<b>Thickness:</b>		77 ft		<b>Original Depth:</b>	
<b>Material Colour:</b>		BLUE		<b>Material:</b>	
<u>9</u>	1 of 1	NNE/173.3	82.2	ON	BORE
<b>Borehole ID:</b> <b>Use:</b> <b>Drill Method:</b> <b>Easting:</b> <b>Location Accuracy:</b> <b>Elev. Reliability Note:</b> <b>Total Depth m:</b> <b>Township:</b> <b>Lot:</b> <b>Completion Date:</b> <b>Primary Water Use:</b>		801166 Geotechnical/Geological Investigation Hollow stem auger 440054.42 10.7 20-MAR-1974		<b>Type:</b> <b>Status:</b> <b>UTM Zone:</b> <b>Northing:</b> <b>Orig. Ground Elev m:</b> <b>DEM Ground Elev m:</b> <b>Primary Name:</b> <b>Concession:</b> <b>Municipality:</b> <b>Static Water Level:</b> <b>Sec. Water Use:</b>	
--- Details ---					
<b>Stratum ID:</b>		218567062		<b>Top Depth(m):</b>	
<b>Bottom Depth(m):</b>		4.9		<b>Stratum Desc:</b>	
+					
<b>Stratum ID:</b>		218567063		<b>Top Depth(m):</b>	
<b>Bottom Depth(m):</b>		9.6		<b>Stratum Desc:</b>	
+					
<b>Stratum ID:</b>		218567064		<b>Top Depth(m):</b>	
<b>Bottom Depth(m):</b>		10.7		<b>Stratum Desc:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">10</a>	1 of 1	SSE/178.3	84.0	OTTAWA-CARLETON DISTRICT SCHOOL BOARD SIR GUY CARLETON SECONDARY SCHOOL 55 CENTREPOINTE DRIVE NEPEAN ON	GEN
Generator #:		ON0051008			
Approval Yrs:		2013			
SIC Code:		611110			
SIC Description:		ELEMENTARY AND SECONDARY SCHOOLS			
--- Details ---					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
+					
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
+					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
+					
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
+					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
+					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
+					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
+					
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
+					
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
+					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
<a href="#">11</a>	1 of 1	N/187.0	80.5	ON	BORE
Borehole ID:		801169		Type:	Borehole
Use:		Geotechnical/Geological Investigation		Status:	
Drill Method:		Hollow stem auger		UTM Zone:	18
Easting:		439988.05		Northing:	502281.74
Location Accuracy:				Orig. Ground Elev m:	82.9
Elev. Reliability Note:				DEM Ground Elev m:	83.1
Total Depth m:		9.6		Primary Name:	STA -1+60
Township:				Concession:	
Lot:				Municipality:	
Completion Date:		21-MAR-1974		Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--- Details ---					
Stratum ID:	218567074			Top Depth(m):	0.0
Bottom Depth(m):	0.1			Stratum Desc:	Topsoil
+					
Stratum ID:	218567075			Top Depth(m):	0.1
Bottom Depth(m):	0.6			Stratum Desc:	Brown Weathered Crust Silty Clay Occasional: Sa
+					
Stratum ID:	218567076			Top Depth(m):	0.6
Bottom Depth(m):	5.2			Stratum Desc:	Grey-Brown Very Stiff Weathered Crust Silty Clay With: Sa
+					
Stratum ID:	218567077			Top Depth(m):	5.2
Bottom Depth(m):	7.8			Stratum Desc:	Grey Stiff Silty Clay With: Sa
+					
Stratum ID:	218567078			Top Depth(m):	7.8
Bottom Depth(m):	7.9			Stratum Desc:	Grey Compact sand silt
+					
Stratum ID:	218567079			Top Depth(m):	7.9
Bottom Depth(m):	9.6			Stratum Desc:	Grey Compact to Very Dense Till sand silt With: Cl W Gr

<a href="#">12</a>	1 of 1	SE/192.6	84.0	ON	BORE
Borehole ID:	806045			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	
Drill Method:	Hollow stem auger			UTM Zone:	18
Easting:	440161.85			Northing:	5021916.55
Location Accuracy:				Orig. Ground Elev m:	89.1
Elev. Reliability Note:				DEM Ground Elev m:	85.9
Total Depth m:	1.5			Primary Name:	AH 03-4
Township:				Concession:	
Lot:				Municipality:	
Completion Date:	24-NOV-2003			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:	218587296			Top Depth(m):	0.0
Bottom Depth(m):	0.1			Stratum Desc:	Asphalt
+					
Stratum ID:	218587297			Top Depth(m):	0.1
Bottom Depth(m):	0.3			Stratum Desc:	Grey Crushed Stone SUBBASE
+					
Stratum ID:	218587298			Top Depth(m):	0.3
Bottom Depth(m):	0.5			Stratum Desc:	Dark Brown Silty Clay
+					
Stratum ID:	218587299			Top Depth(m):	0.5
Bottom Depth(m):	1.5			Stratum Desc:	Grey-Brown Silty Clay

<a href="#">13</a>	1 of 1	N/228.8	80.8	ON	BORE
Borehole ID:	801184			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Drill Method:</b> <b>Easting:</b> <b>Location Accuracy:</b> <b>Elev. Reliability Note:</b> <b>Total Depth m:</b> <b>Township:</b> <b>Lot:</b> <b>Completion Date:</b> <b>Primary Water Use:</b>	Hollow stem auger 439935.22  5.9  14-MAR-1974			<b>UTM Zone:</b> <b>Northing:</b> <b>Orig. Ground Elev m:</b> <b>DEM Ground Elev m:</b> <b>Primary Name:</b> <b>Concession:</b> <b>Municipality:</b> <b>Static Water Level:</b> <b>Sec. Water Use:</b>	18 5022322.22 81.4 81.3 STA 0+60  3.4
--- Details ---					
<b>Stratum ID:</b>	218567126			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.1			<b>Stratum Desc:</b>	Topsoil
+					
<b>Stratum ID:</b>	218567127			<b>Top Depth(m):</b>	0.1
<b>Bottom Depth(m):</b>	0.8			<b>Stratum Desc:</b>	Grey-Brown Fill-Misc Silty Clay
+					
<b>Stratum ID:</b>	218567128			<b>Top Depth(m):</b>	0.8
<b>Bottom Depth(m):</b>	1.5			<b>Stratum Desc:</b>	Brown Loose Silt - Sand
+					
<b>Stratum ID:</b>	218567129			<b>Top Depth(m):</b>	1.5
<b>Bottom Depth(m):</b>	5.5			<b>Stratum Desc:</b>	Grey-Brown Very Stiff to Stiff Weathered Crust Silty Clay Occasional: Sa
+					
<b>Stratum ID:</b>	218567130			<b>Top Depth(m):</b>	5.5
<b>Bottom Depth(m):</b>	5.9			<b>Stratum Desc:</b>	Grey Stiff Silty Clay
<a href="#">14</a>	1 of 1	ESE/235.0	85.0	ON	BORE
<b>Borehole ID:</b> <b>Use:</b> <b>Drill Method:</b> <b>Easting:</b> <b>Location Accuracy:</b> <b>Elev. Reliability Note:</b> <b>Total Depth m:</b> <b>Township:</b> <b>Lot:</b> <b>Completion Date:</b> <b>Primary Water Use:</b>	806032 Geotechnical/Geological Investigation Hollow stem auger 440225.36  4.3  24-NOV-2003			<b>Type:</b> <b>Status:</b> <b>UTM Zone:</b> <b>Northing:</b> <b>Orig. Ground Elev m:</b> <b>DEM Ground Elev m:</b> <b>Primary Name:</b> <b>Concession:</b> <b>Municipality:</b> <b>Static Water Level:</b> <b>Sec. Water Use:</b>	Borehole  18 5021942.36 -999.9 86.5 BH 03-2  1.9
--- Details ---					
<b>Stratum ID:</b>	218587249			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.5			<b>Stratum Desc:</b>	Dark Brown Fill-Misc sand silt Trace: Gr
+					
<b>Stratum ID:</b>	218587250			<b>Top Depth(m):</b>	0.5
<b>Bottom Depth(m):</b>	3.0			<b>Stratum Desc:</b>	Grey-Brown Very Stiff Weathered Crust Silty Clay
+					
<b>Stratum ID:</b>	218587251			<b>Top Depth(m):</b>	3.0
<b>Bottom Depth(m):</b>	4.3			<b>Stratum Desc:</b>	Grey Stiff to Firm Silty Clay
<a href="#">15</a>	1 of 2	W/240.3	82.8	1400 Highgate Rd Ottawa ON K2C2Y6	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Addit. Info Ordered:</b> <b>Order No.:</b> 20140117020 <b>Report Date:</b> 23-JAN-14 <b>Report Type:</b> Custom Report <b>Search Radius (km):</b> .25					
<a href="#">15</a>	2 of 2	W/240.3	82.8	City of Ottawa At 1400 High Gate Ottawa ON	SPL
<b>Ref NO:</b> 4735-8A9RLF <b>Contaminant Code:</b> 27 <b>Contaminant Name:</b> COOLANT (N.O.S.) <b>Contaminant Quantity:</b> 20 L <b>Incident Cause:</b> <b>Incident Dt:</b> <b>Incident Reason:</b> <b>Incident Summary:</b> OC Transpo: 20 litres engine coolant to CB <b>MOE Reported Dt:</b> 10/15/2010 <b>Environmental Impact:</b> Not Anticipated <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>SAC Action Class:</b> Watercourse Spills <b>Sector Source Type:</b> Motor Vehicle <b>Site Municipality:</b>					
<a href="#">16</a>	1 of 1	SE/237.9	85.0	ON	BORE
<b>Borehole ID:</b> 806043 <b>Use:</b> Geotechnical/Geological Investigation <b>Drill Method:</b> Hollow stem auger <b>Easting:</b> 440145.02 <b>Location Accuracy:</b> <b>Elev. Reliability Note:</b> <b>Total Depth m:</b> 1.5 <b>Township:</b> <b>Lot:</b> <b>Completion Date:</b> 24-NOV-2003 <b>Primary Water Use:</b>					
<b>Type:</b> Borehole <b>Status:</b> <b>UTM Zone:</b> 18 <b>Northing:</b> 5021838.37 <b>Orig. Ground Elev m:</b> 89.3 <b>DEM Ground Elev m:</b> 86.5 <b>Primary Name:</b> AH 03-3 <b>Concession:</b> <b>Municipality:</b> <b>Static Water Level:</b> -999.9 <b>Sec. Water Use:</b>					
--- Details ---					
<b>Stratum ID:</b> 218587288 <b>Bottom Depth(m):</b> 0.1 + <b>Stratum ID:</b> 218587289 <b>Bottom Depth(m):</b> 0.2 + <b>Stratum ID:</b> 218587290 <b>Bottom Depth(m):</b> 0.6 + <b>Stratum ID:</b> 218587291 <b>Bottom Depth(m):</b> 1.5					
<b>Top Depth(m):</b> 0.0 <b>Stratum Desc:</b> Asphalt  <b>Top Depth(m):</b> 0.1 <b>Stratum Desc:</b> Grey Crushed Stone BASE  <b>Top Depth(m):</b> 0.2 <b>Stratum Desc:</b> Grey Crushed Stone SUBBASE  <b>Top Depth(m):</b> 0.6 <b>Stratum Desc:</b> Grey-Brown Silty Clay					
<a href="#">17</a>	1 of 1	ENE/275.0	85.0	ON	BORE

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Borehole ID:</b>	612509			<b>Type:</b> Borehole	
<b>Use:</b>				<b>Status:</b>	
<b>Drill Method:</b>				<b>UTM Zone:</b> 18	
<b>Easting:</b>	440231			<b>Northing:</b> 5022222	
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b> 86.1	
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b> 85.7	
<b>Total Depth m:</b>	-999			<b>Primary Name:</b>	
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	NOV-1963			<b>Static Water Level:</b> 1.2	
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
--- Details ---					
<b>Stratum ID:</b>	218391530			<b>Top Depth(m):</b> 0.0	
<b>Bottom Depth(m):</b>	0.5			<b>Stratum Desc:</b> SOIL.	
+					
<b>Stratum ID:</b>	218391531			<b>Top Depth(m):</b> 0.5	
<b>Bottom Depth(m):</b>	3.8			<b>Stratum Desc:</b> CLAY. BROWN,STIFF,FRACTURED.	
+					
<b>Stratum ID:</b>	218391532			<b>Top Depth(m):</b> 3.8	
<b>Bottom Depth(m):</b>	5.5			<b>Stratum Desc:</b> SAND,SILT. WATER STABLE AT 278.5 FEET.	
+					
<b>Stratum ID:</b>	218391533			<b>Top Depth(m):</b> 5.5	
<b>Bottom Depth(m):</b>	7.5			<b>Stratum Desc:</b> CLAY. GREY,LOOSE,FRACTURED.	
+					
<b>Stratum ID:</b>	218391534			<b>Top Depth(m):</b> 7.5	
<b>Bottom Depth(m):</b>	10.7			<b>Stratum Desc:</b> CLAY. GREY,SOFT,FRACTURED.	
+					
<b>Stratum ID:</b>	218391535			<b>Top Depth(m):</b> 10.7	
<b>Bottom Depth(m):</b>	12.2			<b>Stratum Desc:</b> TILL. COMPACT.	
+					
<b>Stratum ID:</b>	218391536			<b>Top Depth(m):</b> 12.2	
<b>Bottom Depth(m):</b>	13.1			<b>Stratum Desc:</b> TILL. COMPACT.	
+					
<b>Stratum ID:</b>	218391537			<b>Top Depth(m):</b> 13.1	
<b>Bottom Depth(m):</b>	15.2			<b>Stratum Desc:</b> TILL.	
+					
<b>Stratum ID:</b>	218391538			<b>Top Depth(m):</b> 15.2	
<b>Bottom Depth(m):</b>				<b>Stratum Desc:</b> BEDROCK. 3002150190041003100275DENSE. 0000007600120060002500970045006500 2700014502700	

18

1 of 1

NNW/260.8

81.0

Conseil des Écoles catholiques du Centre-Est  
1303, rue Fellows  
Ottawa ON

GEN

**Generator #:** ON5663756  
**Approval Yrs:** 2013  
**SIC Code:** 611690  
**SIC Description:** ALL OTHER SCHOOLS AND INSTRUCTION

--- Details ---

**Waste Code:** 112  
**Waste Description:** ACID WASTE - HEAVY METALS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<div> +  Waste Code: 121  Waste Description: ALKALINE WASTES - HEAVY METALS  +  Waste Code: 122  Waste Description: ALKALINE WASTES - OTHER METALS  +  Waste Code: 263  Waste Description: ORGANIC LABORATORY CHEMICALS  +  Waste Code: 146  Waste Description: OTHER SPECIFIED INORGANICS  +  Waste Code: 145  Waste Description: PAINT/PIGMENT/COATING RESIDUES  +  Waste Code: 148  Waste Description: INORGANIC LABORATORY CHEMICALS </div>					
<a href="#">19</a>	1 of 7	NNW/262.6	81.0	Conseil des Ecoles Catholique de Language Francais de Centre-Est 1303 Fellows Rd Ottawa ON K2C 2V8	CA
<div> Certificate #: 5152-7GSQLA  Application Year: 2008  Issue Date: 8/8/2008  Approval Type: Air  Status: Approved  Application Type:  Client Name:  Client Address:  Client City:  Client Postal Code:  Project Description:  Contaminants:  Emission Control: </div>					
<a href="#">19</a>	2 of 7	NNW/262.6	81.0	1303 Fellows Rd Ottawa ON K2C 2V8	EHS
<div> Addit. Info Ordered:  Order No.: 20051017028  Report Date: 10/18/2005  Report Type: Site Report  Search Radius (km): 0.25 </div>					
<a href="#">19</a>	3 of 7	NNW/262.6	81.0	OTTAWA ROMAN CATHOLIC S.S. BOARD 29-604 ST. RAYMONDS INTERMEDIATE SCHOOL 1303 FELLOWS RD.,C/O 140 CUMBERLAND ST OTTAWA ON K2C 2V8	GEN
<div> Generator #: ON0426407  Approval Yrs: 92,93,94,95,96,97,98  SIC Code: 8511  SIC Description: ELEMT./SECON. EDUC.  --- Details ---  Waste Code: 148  Waste Description: INORGANIC LABORATORY CHEMICALS  + </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code: Waste Description:		263 ORGANIC LABORATORY CHEMICALS			
<a href="#">19</a>	4 of 7	NNW/262.6	81.0	CONSEIL DES ÉCOLES PUBLIQUES DE L'EST DE L'ONTARIO ÉCOLE SECONDAIRE PUBLIQUE DESLAURIERS 1303 CHEMIN FELLOWS OTTAWA ON K2C 2V8	GEN
Generator #: Approval Yrs: SIC Code: SIC Description:		ON3988533 02,03,04,05,06			
--- Details ---					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
+					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
+					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
<a href="#">19</a>	5 of 7	NNW/262.6	81.0	Conseil des Écoles catholiques du Centre-Est 1303, rue Fellows Ottawa ON K2C 2V8	GEN
Generator #: Approval Yrs: SIC Code: SIC Description:		ON5663756 2012 611690 All Other Schools and Instruction			
<a href="#">19</a>	6 of 7	NNW/262.6	81.0	Conseil des écoles catholiques du Centre-Est CECCE 1303, rue Fellows Ottawa ON K2C 2V8	GEN
Generator #: Approval Yrs: SIC Code: SIC Description:		ON5663756 As of May 2015			
--- Details ---					
Waste Code:		331			
Waste Description:		Waste compressed gases including cylinders			
+					
Waste Code:		112			
Waste Description:		Acid solutions - containing heavy metals			
+					
Waste Code:		145			
Waste Description:		Wastes from the use of pigments, coatings and paints			
+					
Waste Code:		263			
Waste Description:		Misc. waste organic chemicals			
+					
Waste Code:		148			
Waste Description:		Misc. wastes and inorganic chemicals			
+					
Waste Code:		121			



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Description:		Alkaline slutions - containing heavy metals			
+ Waste Code:		122			
Waste Description:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
+ Waste Code:		146			
Waste Description:		Other specified inorganic sludges, slurries or solids			
<a href="#">19</a>	7 of 7	NNW/262.6	81.0	Conseil des Écoles catholiques du Centre-Est 1303, rue Fellows Ottawa ON K2C 2V8	GEN
Generator #:		ON5663756			
Approval Yrs:		2011			
SIC Code:		611690			
SIC Description:					
<a href="#">20</a>	1 of 1	NE/276.6	85.0	ON	BORE
Borehole ID:		800515	Type:		Borehole
Use:		Geotechnical/Geological Investigation	Status:		
Drill Method:		Hollow stem auger	UTM Zone:		18
Easting:		440222.98	Northing:		5022237.37
Location Accuracy:			Orig. Ground Elev m:		86.4
Elev. Reliability Note:			DEM Ground Elev m:		85.9
Total Depth m:		7.3	Primary Name:		BH 98-27
Township:			Concession:		
Lot:			Municipality:		
Completion Date:		19-MAY-1998	Static Water Level:		5.9
Primary Water Use:			Sec. Water Use:		
--- Details ---					
Stratum ID:		218565205	Top Depth(m):		0.0
Bottom Depth(m):		0.1	Stratum Desc:		Brown Topsoil Silt
+					
Stratum ID:		218565206	Top Depth(m):		0.1
Bottom Depth(m):		0.8	Stratum Desc:		Grey Fill-Misc crushed gravel
+					
Stratum ID:		218565207	Top Depth(m):		0.8
Bottom Depth(m):		1.8	Stratum Desc:		Grey-Brown Very Stiff Fill-Misc Silty Clay Trace: Sa very stiff grey brown silty clay trace sand & topsoil (FILL)
+					
Stratum ID:		218565208	Top Depth(m):		1.8
Bottom Depth(m):		5.0	Stratum Desc:		Grey-Brown Very Stiff to Stiff Silty Clay Occasional: Sa
+					
Stratum ID:		218565209	Top Depth(m):		5.0
Bottom Depth(m):		7.3	Stratum Desc:		Grey Stiff Silty Clay Occasional: F Sa
<a href="#">21</a>	1 of 1	S/252.6	85.0	ON	BORE
Borehole ID:		801380	Type:		Borehole
Use:		Geotechnical/Geological Investigation	Status:		
Drill Method:		Hollow stem auger	UTM Zone:		18
Easting:		440012.5	Northing:		5021757.35

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Location Accuracy:</b> <b>Elev. Reliability Note:</b> <b>Total Depth m:</b> 5.8 <b>Township:</b> <b>Lot:</b> <b>Completion Date:</b> 27-NOV-1978 <b>Primary Water Use:</b>				<b>Orig. Ground Elev m:</b> 85.1 <b>DEM Ground Elev m:</b> 85.2 <b>Primary Name:</b> BH 202 <b>Concession:</b> <b>Municipality:</b> <b>Static Water Level:</b> 2.4 <b>Sec. Water Use:</b>	
--- Details ---					
<b>Stratum ID:</b>	218567979			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.9			<b>Stratum Desc:</b>	Grey-Brown Fill-Misc Silty Clay With: Org M Trace: Gr
+					
<b>Stratum ID:</b>	218567980			<b>Top Depth(m):</b>	0.9
<b>Bottom Depth(m):</b>	3.0			<b>Stratum Desc:</b>	Grey-Brown Very Stiff Weathered Crust Silty Clay
+					
<b>Stratum ID:</b>	218567981			<b>Top Depth(m):</b>	3.0
<b>Bottom Depth(m):</b>	5.8			<b>Stratum Desc:</b>	Grey Firm Silty Clay
<u>22</u>	1 of 1	ENE/283.5	85.0	ON	BORE
<b>Borehole ID:</b> 808473 <b>Use:</b> Geotechnical/Geological Investigation <b>Drill Method:</b> Boring <b>Easting:</b> 440270.74 <b>Location Accuracy:</b> <b>Elev. Reliability Note:</b> <b>Total Depth m:</b> 36 <b>Township:</b> <b>Lot:</b> <b>Completion Date:</b> 11-SEP-1968 <b>Primary Water Use:</b>				<b>Type:</b> Borehole <b>Status:</b> <b>UTM Zone:</b> 18 <b>Northing:</b> 5022169.49 <b>Orig. Ground Elev m:</b> 284 <b>DEM Ground Elev m:</b> 84.3 <b>Primary Name:</b> BH 104 <b>Concession:</b> <b>Municipality:</b> <b>Static Water Level:</b> 10.8 <b>Sec. Water Use:</b>	
--- Details ---					
<b>Stratum ID:</b>	218596477			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	3.5			<b>Stratum Desc:</b>	Brown Fill-Misc Sand - Gravel
+					
<b>Stratum ID:</b>	218596478			<b>Top Depth(m):</b>	3.5
<b>Bottom Depth(m):</b>	14.5			<b>Stratum Desc:</b>	Brown Very Stiff to Stiff Weathered Crust Silty Clay
+					
<b>Stratum ID:</b>	218596479			<b>Top Depth(m):</b>	14.5
<b>Bottom Depth(m):</b>	26.8			<b>Stratum Desc:</b>	Grey Firm to Stiff Silty Clay Occasional: F Sa
+					
<b>Stratum ID:</b>	218596480			<b>Top Depth(m):</b>	26.8
<b>Bottom Depth(m):</b>	36.0			<b>Stratum Desc:</b>	Grey Compact to Very Dense Till Silt - Sand With: Gr Trace: Cl
<u>23</u>	1 of 1	SSE/270.0	85.0	ON	BORE
<b>Borehole ID:</b> 801383 <b>Use:</b> Geotechnical/Geological Investigation <b>Drill Method:</b> Hollow stem auger <b>Easting:</b> 440077.87 <b>Location Accuracy:</b>				<b>Type:</b> Borehole <b>Status:</b> <b>UTM Zone:</b> 18 <b>Northing:</b> 5021761.13 <b>Orig. Ground Elev m:</b> 85.8	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	85.6
<b>Total Depth m:</b>	5.8			<b>Primary Name:</b>	BH 203
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	28-NOV-1978			<b>Static Water Level:</b>	2.9
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
--- Details ---					
<b>Stratum ID:</b>	218567991			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.2			<b>Stratum Desc:</b>	Topsoil
+					
<b>Stratum ID:</b>	218567992			<b>Top Depth(m):</b>	0.2
<b>Bottom Depth(m):</b>	3.7			<b>Stratum Desc:</b>	Grey-Brown Very Stiff Weathered Crust Silty Clay
+					
<b>Stratum ID:</b>	218567993			<b>Top Depth(m):</b>	3.7
<b>Bottom Depth(m):</b>	5.8			<b>Stratum Desc:</b>	Grey Firm to Stiff Silty Clay
<b>24</b>	1 of 1	<b>E/281.8</b>	<b>85.0</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	800517			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Hollow stem auger			<b>UTM Zone:</b>	18
<b>Easting:</b>	440289.31			<b>Northing:</b>	5022104.65
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	86.8
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	84.9
<b>Total Depth m:</b>	5.8			<b>Primary Name:</b>	BH 98-28
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	19-MAY-1998			<b>Static Water Level:</b>	4.4
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
--- Details ---					
<b>Stratum ID:</b>	218565210			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.1			<b>Stratum Desc:</b>	Topsoil
+					
<b>Stratum ID:</b>	218565211			<b>Top Depth(m):</b>	0.1
<b>Bottom Depth(m):</b>	0.9			<b>Stratum Desc:</b>	Grey-Brown Fill-Misc Silty Clay With: Gr
+					
<b>Stratum ID:</b>	218565212			<b>Top Depth(m):</b>	0.9
<b>Bottom Depth(m):</b>	1.0			<b>Stratum Desc:</b>	Dark Brown Topsoil Sand
+					
<b>Stratum ID:</b>	218565213			<b>Top Depth(m):</b>	1.0
<b>Bottom Depth(m):</b>	1.3			<b>Stratum Desc:</b>	Brown Silt - Sand
+					
<b>Stratum ID:</b>	218565214			<b>Top Depth(m):</b>	1.3
<b>Bottom Depth(m):</b>	4.2			<b>Stratum Desc:</b>	Grey-Brown Very Stiff to Stiff Silty Clay Occasional: Sa
+					
<b>Stratum ID:</b>	218565215			<b>Top Depth(m):</b>	4.2
<b>Bottom Depth(m):</b>	5.8			<b>Stratum Desc:</b>	Grey Firm to Stiff Silty Clay Occasional: Sa
<b>25</b>	1 of 1	<b>NE/292.7</b>	<b>85.0</b>	<b>ON</b>	<b>BORE</b>

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Borehole ID:</b>	808480			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Boring			<b>UTM Zone:</b>	18
<b>Easting:</b>	440216.79			<b>Northing:</b>	5022274.48
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	279
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	86.1
<b>Total Depth m:</b>	36.5			<b>Primary Name:</b>	BH 3
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	06-AUG-1968			<b>Static Water Level:</b>	12
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
--- Details ---					
<b>Stratum ID:</b>	218596511			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	6.5			<b>Stratum Desc:</b>	Brown Compact Fill-Misc Silt - Sand Trace: Cl Tr Gr Tr Constr Debris
+					
<b>Stratum ID:</b>	218596512			<b>Top Depth(m):</b>	6.5
<b>Bottom Depth(m):</b>	14.5			<b>Stratum Desc:</b>	Brown Stiff Weathered Crust Silty Clay
+					
<b>Stratum ID:</b>	218596513			<b>Top Depth(m):</b>	14.5
<b>Bottom Depth(m):</b>	26.4			<b>Stratum Desc:</b>	Grey Firm Silty Clay Occasional: F Sa
+					
<b>Stratum ID:</b>	218596514			<b>Top Depth(m):</b>	26.4
<b>Bottom Depth(m):</b>	36.5			<b>Stratum Desc:</b>	Grey Compact to Very Dense Till Silt - Sand With: Gr Trace: Cl

26

1 of 1

NE/297.9

85.0

ON

BORE

<b>Borehole ID:</b>	800513			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Hollow stem auger			<b>UTM Zone:</b>	18
<b>Easting:</b>	440202.38			<b>Northing:</b>	5022299.25
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	85.9
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	84.9
<b>Total Depth m:</b>	7.5			<b>Primary Name:</b>	BH 98-26
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	29-MAY-1998			<b>Static Water Level:</b>	7.2
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
--- Details ---					
<b>Stratum ID:</b>	218565199			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.1			<b>Stratum Desc:</b>	Topsoil
+					
<b>Stratum ID:</b>	218565200			<b>Top Depth(m):</b>	0.1
<b>Bottom Depth(m):</b>	0.7			<b>Stratum Desc:</b>	Brown Fill-Misc sand silt With: Gr
+					
<b>Stratum ID:</b>	218565201			<b>Top Depth(m):</b>	0.7
<b>Bottom Depth(m):</b>	2.2			<b>Stratum Desc:</b>	Grey-Brown Stiff Silty Clay Occasional: Sa
+					
<b>Stratum ID:</b>	218565202			<b>Top Depth(m):</b>	2.2
<b>Bottom Depth(m):</b>	5.9			<b>Stratum Desc:</b>	Grey Firm Fill-Misc Silty Clay Trace: Sa Tr Gr Tr Org M
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Stratum ID:</b>	218565203			<b>Top Depth(m):</b>	5.9
<b>Bottom Depth(m):</b>	7.0			<b>Stratum Desc:</b>	Brown Loose to Compact Sand - Gravel Occasional: Cob
+					
<b>Stratum ID:</b>	218565204			<b>Top Depth(m):</b>	7.0
<b>Bottom Depth(m):</b>	7.5			<b>Stratum Desc:</b>	Grey Stiff to Firm Silty Clay Occasional: Sa

<a href="#">27</a>	1 of 1	S/283.8	85.0	ON	BORE
<b>Borehole ID:</b>	801376			<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Status:</b>	
<b>Drill Method:</b>	Hollow stem auger			<b>UTM Zone:</b>	18
<b>Easting:</b>	440020.53			<b>Northing:</b>	5021727.2
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	85.3
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	85.1
<b>Total Depth m:</b>	17.7			<b>Primary Name:</b>	BH 201
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	24-NOV-1978			<b>Static Water Level:</b>	3.7
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
--- Details ---					
<b>Stratum ID:</b>	218567961			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	0.8			<b>Stratum Desc:</b>	Grey-Brown Fill-Misc Silty Clay With: Org M Trace: Gr
+					
<b>Stratum ID:</b>	218567962			<b>Top Depth(m):</b>	0.8
<b>Bottom Depth(m):</b>	3.7			<b>Stratum Desc:</b>	Grey-Brown Very Stiff Weathered Crust Silty Clay
+					
<b>Stratum ID:</b>	218567963			<b>Top Depth(m):</b>	3.7
<b>Bottom Depth(m):</b>	10.7			<b>Stratum Desc:</b>	Grey Firm to Stiff Silty Clay
+					
<b>Stratum ID:</b>	218567964			<b>Top Depth(m):</b>	10.7
<b>Bottom Depth(m):</b>	14.9			<b>Stratum Desc:</b>	Grey Loose to Very Dense Till sand silt With: Gr Trace: Cl
+					
<b>Stratum ID:</b>	218567965			<b>Top Depth(m):</b>	14.9
<b>Bottom Depth(m):</b>	17.7			<b>Stratum Desc:</b>	Grey Bedrock Limestone fairly sound

<a href="#">28</a>	1 of 1	S/284.7	85.0	BETHANY BAPTIST CHURCH-PT.BLK.17 CENTREPOINTE DR./HEMMINGWOOD NEPEAN CITY ON	CA
<b>Certificate #:</b>	3-1264-91-				
<b>Application Year:</b>	91				
<b>Issue Date:</b>	8/15/1991				
<b>Approval Type:</b>	Municipal sewage				
<b>Status:</b>	Approved				
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">29</a>	1 of 3	S/297.0	85.0	1004064 ONTARIO LTD. THORBURY CRES. S.W.M.FACILITY NEPEAN CITY ON	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		3-0515-93-93 6/18/1993 Municipal sewage Approved			
<a href="#">29</a>	2 of 3	S/297.0	85.0	1004064 ONTARIO LTD. THORBURY CRES/HEMMINGWOOD WAY NEPEAN CITY ON	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		3-0518-93-93 5/28/1993 Municipal sewage Approved			
<a href="#">29</a>	3 of 3	S/297.0	85.0	1004064 ONTARIO LTD. THORBURY CRES/HEMMINGWOOD WAY NEPEAN CITY ON	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		7-0424-93-93 5/28/1993 Municipal water Approved			



# Unplottable Summary

Total: **52** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	RON ENGINEERING & CONSTRUCTION LTD.	BASELINE RD.	OTTAWA CITY ON	
CA	BELL-NORTHERN RESEARCH LIMITED	BASELINE ROAD	NEPEAN CITY ON	
CA	NEPEAN HOUSING CORPORATION	HEMMINGWOOD WAY 3-1169-88	NEPEAN CITY ON	
CA	Ottawa-Carleton District School Board		Ottawa ON	
CA	ARNON CORPORATION	WOODLINE CAMPUS, CONC. 2 (SWM)	NEPEAN CITY ON	
CA	ARNON CORPORATION	WOODLINE CAMPUS, CONC. 2 (SWM)	NEPEAN CITY ON	
CA	CARLETON BOARD OF EDUCATION	WALKER BAKER CENTRE	NEPEAN CITY ON	
CA	Navaho Drive Ext.	Navaho Drive	Ottawa ON	
CA	NEPEAN HOUSING CORPORATION	HEMMINGWOOD WAY	NEPEAN CITY ON	
CA	TRU CLASS CONSTRUCTION-PT.LOT 27/CONC. A	HIGHWAY #16/STM-WATER MGT.	NEPEAN CITY ON	
CA	CITY	HWY #16 (RIDEAU HEIGHTS DR.)	NEPEAN CITY ON	
CA	MONTEREY MOTOR INN LTD.-LOT 25, CONC. A	HWY. #16/RIDEAU FRONT	NEPEAN CITY ON	
CA	R.M. OF OTTAWA-CARLETON	WOODROFFE AVE. S.W.M. FACILITY	NEPEAN CITY ON	
CA	MEMORIAL GARDENS (ONTARIO) LTD.	HWY. #16, CAPITAL MEMORIAL	NEPEAN CITY ON	
CA	City of Ottawa	Woodroffe Avenue	Ottawa ON	
CA	R.M. OF OTTAWA-CARLETON	BASELINE ROAD EXTENSION (SWM)	OTTAWA CITY ON	
CA	MINTO CONSTRUCTION LTD CENTRE POINT SUBD	CENTREPOINTE DR. STAGE II	NEPEAN CITY ON	

CA	MINTO CONSTRUCTION LTD CENTRE POINT SUBD	CENTREPOINTE DR. STAGE II	NEPEAN CITY ON	
CA	RICHCRAFT HOMES LIMITED	CENTREPOINTE DR., BLK.6, SWM	NEPEAN CITY ON	
CA	NEPEAN HOUSING CORP.- NON-PROFIT HOUSING	STREET 'A'/CENTREPOINTE DRIVE	NEPEAN CITY ON	
CA	CANADA MORTGAGE AND HOUSING CORP.	CONSTELLATION CR.	NEPEAN CITY ON	
CA	CANADA MORTGAGE AND HOUSING CORP.	CONSTELLATION CR. 3-2104-88	NEPEAN CITY ON	
CA	CANADA MORTGAGE AND HOUSING CORP.	CONSTELLATION CR.	NEPEAN CITY ON	
CA	CANADA MORTGAGE AND HOUSING CORP.	HEMMINGWOOD WAY	NEPEAN CITY ON	
CA	MINTO DEVELOPMENTS INC.	ST.'A'/HEMMINGWOOD WAY	NEPEAN CITY ON	
CA	CENTREPOINT REAL ESTATE DEV. CORP.	HEMMINGWOOD WAY/PT.LOTS 34&35	NEPEAN CITY ON	
CA	NEPEAN HOUSING CORPORATION	HEMMINGWOOD WAY	NEPEAN CITY ON	
CA	CENTREPOINT REAL ESTATE DEV. CORP.	HEMMINGWOOD WAY/STM-WATER MGT.	NEPEAN CITY ON	
CA	MINTO DEVELOPMENTS INC.	HEMMINGWOOD WAY/CENTREPOINTE	NEPEAN CITY ON	
CA	CENTREPOINT REAL ESTATE DEV. CORP.	HEMMINGWOOD WAY/PT.LOTS 34&35	NEPEAN CITY ON	
EBR	Nortel Networks Corporation	Skyline- Tower VI	City of Ottawa ON	
EBR	Bell Northern Research Ltd.		City of Nepean ON	
ECA	City of Ottawa	Woodroffe Avenue (from Highway 417 to 170m north of Baseline Road	Ottawa ON	
EHS		Woodroffe Ave (West Hunt Club Rd to CN Rail Line)	Ottawa ON	
EHS		Baseline Rd	Ottawa ON	
GEN	NATIONAL CAPITAL COMMISSION	LOT 25,26,27	OTTAWA ON	K1P 1C7
GEN	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	LAURIER-CARRIERE 14 PROM. FOUR SEASONS	NEPEAN ON	K2E 7P8
GEN	CONSEIL DES ECOLES PUBLIQUES DE L'EST DE L'ONTARIO	OTTAWA	OTTAWA ON	K1K 1L8

NPCB	BELL-NORTHERN RESEARCH LTD.	PO BOX 3511 STN C	OTTAWA ON	K1Y 4H7
NPCB	BELL-NORTHERN RESEARCH LTD.	P.O. BOX 3511; STATION C	OTTAWA ON	K1Y 4H7
NPCB	ONTARIO HYDRO	WOODROFFE T.S.; RP 341791, BLOCK B	OTTAWA ON	
SPL	HEATING OIL TANK	FARM OFF HWY 16 PETROLEUM SECTOR _ONLY_	OTTAWA-CARLETON R.M. ON	
SPL	TRANSPORT TRUCK	HWY 16 MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	
SPL		Woodroffe Avenue and West Hunt Club<UNOFFICIAL>	Ottawa ON	
SPL	Nortel Networks<UNOFFICIAL>	Nortel Networks<UNOFFICIAL>	Ottawa ON	
SPL	B-Arnone Paving and Concrete Ltd.		Ottawa ON	
SPL	City of Ottawa	Baseline Rd. Eastbound lane, just past Fisher Rd.	Ottawa ON	
WWIS		lot 25	ON	
WWIS		lot 25	ON	
WWIS		lot 25	ON	
WWIS		lot 35 con 2	ON	
WWIS		lot 24	ON	

# Unplottable Report

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**Site:** **RON ENGINEERING & CONSTRUCTION LTD.**  
**BASELINE RD. OTTAWA CITY ON**

**Database:**  
**CA**

**Certificate #:** 8-4052-87-  
**Application Year:** 87  
**Issue Date:** 6/19/1987  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** FUMEHOOD  
**Contaminants:**  
**Emission Control:**

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**Site:** **BELL-NORTHERN RESEARCH LIMITED**  
**BASELINE ROAD NEPEAN CITY ON**

**Database:**  
**CA**

**Certificate #:** 8-4088-88-  
**Application Year:** 88  
**Issue Date:** 8/17/1989  
**Approval Type:** Industrial air  
**Status:** Underwent 1st revision in 1989  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** FUME HOOD  
**Contaminants:**  
**Emission Control:** No Controls

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**Site:** **NEPEAN HOUSING CORPORATION**  
**HEMMINGWOOD WAY 3-1169-88 NEPEAN CITY ON**

**Database:**  
**CA**

**Certificate #:** 3-1171-88-  
**Application Year:** 88  
**Issue Date:** 7/13/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** **Ottawa-Carleton District School Board**  
**Ottawa ON**

**Database:**  
**CA**

**Certificate #:** 3668-7ZNLJ  
**Application Year:** 2010  
**Issue Date:** 2/11/2010  
**Approval Type:** Air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** ARNON CORPORATION  
WOODLINE CAMPUS, CONC. 2 (SWM) NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 3-0805-97-  
**Application Year:** 97  
**Issue Date:** 8/7/1997  
**Approval Type:** Municipal sewage  
**Status:** Cancelled  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** ARNON CORPORATION  
WOODLINE CAMPUS, CONC. 2 (SWM) NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 3-0805-97-  
**Application Year:** 97  
**Issue Date:** 8/19/1997  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** CARLETON BOARD OF EDUCATION  
WALKER BAKER CENTRE NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 8-4209-97-  
**Application Year:** 97  
**Issue Date:** 12/29/1997  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** KITCHEN EXHAUST FOR BARRHAVEN SEC.SCHOOL

**Contaminants:** Odour/Fumes  
**Emission Control:** No Controls

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**Site:** Navaho Drive Ext.  
Navaho Drive Ottawa ON

**Database:**  
CA

**Certificate #:** 5098-5BARLS  
**Application Year:** 02  
**Issue Date:** 6/21/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** City of Ottawa  
**Client Address:** 110 Laurier Avenue West  
**Client City:** Ottawa  
**Client Postal Code:** K1P 1J1  
**Project Description:** Approval is sought for the construction of storm sewers on Navaho Drive.  
**Contaminants:**  
**Emission Control:**

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**Site:** NEPEAN HOUSING CORPORATION  
HEMMINGWOOD WAY NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 3-1169-88-  
**Application Year:** 88  
**Issue Date:** 7/5/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** TRU CLASS CONSTRUCTION-PT.LOT 27/CONC. A  
HIGHWAY #16/STM-WATER MGT. NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 3-1711-91-  
**Application Year:** 91  
**Issue Date:** 3/10/1992  
**Approval Type:** Municipal sewage  
**Status:** Approved in 1992  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** CITY  
HWY #16 (RIDEAU HEIGHTS DR.) NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 3-0439-85-006  
**Application Year:** 85  
**Issue Date:** 5/14/85  
**Approval Type:** Municipal sewage



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

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**Site:** MONTEREY MOTOR INN LTD.-LOT 25, CONC. A  
HWY. #16/RIDEAU FRONT NEPEAN CITY ON

**Database:**  
CA

Certificate #: 7-0081-91-  
Application Year: 91  
Issue Date: 2/14/1991  
Approval Type: Municipal water  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** R.M. OF OTTAWA-CARLETON  
WOODROFFE AVE. S.W.M. FACILITY NEPEAN CITY ON

**Database:**  
CA

Certificate #: 3-0514-93-  
Application Year: 93  
Issue Date: 6/15/1993  
Approval Type: Municipal sewage  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

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**Site:** MEMORIAL GARDENS (ONTARIO) LTD.  
HWY. #16, CAPITAL MEMORIAL NEPEAN CITY ON

**Database:**  
CA

Certificate #: 8-4091-93-  
Application Year: 93  
Issue Date: 9/14/1993  
Approval Type: Industrial air  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description: CREMATION CHAMBER MOD.1701-G (8-4061-78)  
Contaminants: Nitrogen Oxides, Suspended Particulate Matter, Methane (Incl. Hydrocarbons Expr. As Ch4, Carbon Monoxide)  
Emission Control: No Controls

---

**Site:** City of Ottawa  
Woodroffe Avenue Ottawa ON

**Database:**  
CA

**Certificate #:** 9466-74ZR66  
**Application Year:** 2007  
**Issue Date:** 8/13/2007  
**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:**

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**Site:** R.M. OF OTTAWA-CARLETON  
BASELINE ROAD EXTENSION (SWM) OTTAWA CITY ON

**Database:**  
CA

**Certificate #:** 3-0701-96-  
**Application Year:** 96  
**Issue Date:** 9/4/1996  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** MINTO CONSTRUCTION LTD CENTRE POINT SUBD  
CENTREPOINTE DR. STAGE II NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 3-1264-87-  
**Application Year:** 87  
**Issue Date:** 7/18/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** MINTO CONSTRUCTION LTD CENTRE POINT SUBD  
CENTREPOINTE DR. STAGE II NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 7-1043-87-  
**Application Year:** 87  
**Issue Date:** 7/18/1987  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**

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

---

**Site:** RICHCRAFT HOMES LIMITED  
CENTREPOINTE DR., BLK.6, SWM NEPEAN CITY ON

**Database:**  
CA

Certificate #: 3-0524-97-  
Application Year: 97  
Issue Date: 7/18/1997  
Approval Type: Municipal sewage  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** NEPEAN HOUSING CORP.-NON-PROFIT HOUSING  
STREET 'A'/CENTREPOINTE DRIVE NEPEAN CITY ON

**Database:**  
CA

Certificate #: 7-0908-90-  
Application Year: 90  
Issue Date: 6/26/1990  
Approval Type: Municipal water  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** CANADA MORTGAGE AND HOUSING CORP.  
CONSTELLATION CR. NEPEAN CITY ON

**Database:**  
CA

Certificate #: 3-2104-88-  
Application Year: 88  
Issue Date: 3/15/1989  
Approval Type: Municipal sewage  
Status: Approved in 1989  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** CANADA MORTGAGE AND HOUSING CORP.  
CONSTELLATION CR. 3-2104-88 NEPEAN CITY ON

**Database:**  
CA

Certificate #: 3-2105-88-

**Application Year:** 88  
**Issue Date:** 11/25/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** CANADA MORTGAGE AND HOUSING CORP.  
CONSTELLATION CR. NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 7-1784-88-  
**Application Year:** 88  
**Issue Date:** 11/25/1988  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** CANADA MORTGAGE AND HOUSING CORP.  
HEMMINGWOOD WAY NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 3-0402-88-  
**Application Year:** 88  
**Issue Date:** 3/23/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** MINTO DEVELOPMENTS INC.  
ST.'A'/HEMMINGWOOD WAY NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 3-0337-93-  
**Application Year:** 93  
**Issue Date:** 4/16/1993  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** CENTREPOINT REAL ESTATE DEV. CORP.  
HEMMINGWOOD WAY/PT.LOTS 34&35 NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 3-0595-92-  
**Application Year:** 92  
**Issue Date:** 6/17/1992  
**Approval Type:** Municipal sewage  
**Status:** Revised  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** NEPEAN HOUSING CORPORATION  
HEMMINGWOOD WAY NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 7-1013-88-  
**Application Year:** 88  
**Issue Date:** 7/13/1988  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** CENTREPOINT REAL ESTATE DEV. CORP.  
HEMMINGWOOD WAY/STM-WATER MGT. NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 3-0594-92-  
**Application Year:** 92  
**Issue Date:** 6/24/1992  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** MINTO DEVELOPMENTS INC.  
HEMMINGWOOD WAY/CENTREPOINTE NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 7-0276-93-  
**Application Year:** 93  
**Issue Date:** 4/16/1993  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**

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

---

**Site:** CENTREPOINT REAL ESTATE DEV. CORP.  
HEMMINGWOOD WAY/PT.LOTS 34&35 NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 7-0502-92-  
**Application Year:** 92  
**Issue Date:** 6/17/1992  
**Approval Type:** Municipal water  
**Status:** Revised  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** Nortel Networks Corporation  
Skyline- Tower VI City of Ottawa ON

**Database:**  
EBR

**Year:** 2000  
**EBR Registry No.:** IA00E1245  
**Ministry Ref. No.:**  
**Type:** Instrument  
**Instrument Type:** EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air)  
**Proposal Date:** 7/27/00  
**Location:** Skyline- Tower VI, Ottawa, Ontario, K2C 0A7 City of Ottawa  
**Proponent Address:** Nortel Networks Corporation P.O. Box 3511, Station 'C', Ottawa, Ontario, K1Y 4H7

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**Site:** Bell Northern Research Ltd.  
City of Nepean ON

**Database:**  
EBR

**Year:** 1997  
**EBR Registry No.:** IA7E1167.D  
**Ministry Ref. No.:**  
**Type:** Instrument  
**Instrument Type:** EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air)  
**Proposal Date:** 8/11/97  
**Location:** City of Nepean  
**Proponent Address:** Bell Northern Research Ltd., P.O. Box 3511, Station 'C', Ottawa, Ontario, K1Y 4H7

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**Site:** City of Ottawa  
Woodroffe Avenue (from Highway 417 to 170m north of Baseline Road Ottawa ON

**Database:**  
ECA

**Record Type:**  
**PDF URL:**  
**CofA Number:** 6142-8TXKLK  
**Date:** 5/4/2012  
**Status:** Approved  
**Project Type:** Municipal and Private Sewage



**Site:** Woodroffe Ave (West Hunt Club Rd to CN Rail Line) Ottawa ON

**Database:**  
EHS

**Addit. Info Ordered:**  
**Order No.:** 20040713004  
**Report Date:** 7/15/04  
**Report Type:** Custom Report  
**Search Radius (km):** 0.25

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**Site:** Baseline Rd Ottawa ON

**Database:**  
EHS

**Addit. Info Ordered:**  
**Order No.:** 20051017031  
**Report Date:** 10/18/2005  
**Report Type:** Site Report  
**Search Radius (km):** 0.25

---

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

**Database:**  
GEN

**Generator #:** ON9920165  
**Approval Yrs:** 2010  
**SIC Code:** 712190  
**SIC Description:** Other Heritage Institutions

--- Details ---

**Waste Code:** 221  
**Waste Description:** LIGHT FUELS

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**Site:** CONSEIL DES ECOLES CATHOLIQUES DE LANGUE  
LAURIER-CARRIERE 14 PROM. FOUR SEASONS NEPEAN ON K2E 7P8

**Database:**  
GEN

**Generator #:** ON1285721  
**Approval Yrs:** 99,00,01  
**SIC Code:** 8511  
**SIC Description:** ELEM.T./SECON. EDUC.

--- Details ---

**Waste Code:** 243  
**Waste Description:** PCB'S

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**Site:** CONSEIL DES ECOLES PUBLIQUES DE L'EST DE L'ONTARIO  
OTTAWA OTTAWA ON K1K 1L8

**Database:**  
GEN

**Generator #:** ON1477723  
**Approval Yrs:** 04  
**SIC Code:** 611110  
**SIC Description:** Elementary and Secondary Schools

---

**Site:** BELL-NORTHERN RESEARCH LTD.  
PO BOX 3511 STN C OTTAWA ON K1Y 4H7

**Database:**  
NPCB

**Company Code:** O0731  
**Industry:** OTHER  
**Site Status:** STORAGE ONLY (NON FEDERAL)  
**Transaction Date:** 2/24/1992  
**Inspection Date:**

**Site:** BELL-NORTHERN RESEARCH LTD.  
P.O. BOX 3511; STATION C OTTAWA ON K1Y 4H7

**Database:**  
NPCB

**Company Code:** O0731  
**Industry:** Other  
**Site Status:**  
**Transaction Date:** 2/24/1992  
**Inspection Date:**

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**Site:** ONTARIO HYDRO  
WOODROFFE T.S.; RP 341791, BLOCK B OTTAWA ON

**Database:**  
NPCB

**Company Code:** O0960  
**Industry:** Utility  
**Site Status:**  
**Transaction Date:** 6/1/1988  
**Inspection Date:**

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**Site:** HEATING OIL TANK  
FARM OFF HWY 16 PETROLEUM SECTOR \_ONLY\_ OTTAWA-CARLETON R.M. ON

**Database:**  
SPL

**Ref NO:** 30436  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** ABOVE-GROUND TANK LEAK  
**Incident Dt:** 1/31/1990  
**Incident Reason:** CORROSION  
**Incident Summary:** STOVE OIL TANK-900 L STOVE OIL TO GROUND.  
**MOE Reported Dt:** 1/31/1990  
**Environmental Impact:**  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**SAC Action Class:**  
**Sector Source Type:**  
**Site Municipality:** 20000

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**Site:** TRANSPORT TRUCK  
HWY 16 MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

**Database:**  
SPL

**Ref NO:** 76308  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Quantity:**  
**Incident Cause:** OTHER CONTAINER LEAK  
**Incident Dt:** 9/15/1992  
**Incident Reason:** ERROR  
**Incident Summary:** TRANSPORT TRUCK-450 L DIESEL FUEL TO HWY 16 CONTAINED,FD,PD,MTO.  
**MOE Reported Dt:** 9/15/1992  
**Environmental Impact:** POSSIBLE  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND  
**SAC Action Class:**  
**Sector Source Type:**  
**Site Municipality:** 20101

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**Site:** Woodroffe Avenue and West Hunt Club<UNOFFICIAL> Ottawa ON

**Database:**  
SPL

**Ref NO:** 8444-7ALFW9  
**Contaminant Code:** 13

**Contaminant Name:** DIESEL FUEL  
**Contaminant Quantity:** 180 L  
**Incident Cause:** Other Transport Accident  
**Incident Dt:**  
**Incident Reason:**  
**Incident Summary:** Woodroffe Avenue: MVA: 40 gallons of diesel to ground  
**MOE Reported Dt:** 1/6/2008  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:**  
**Receiving Medium:**  
**SAC Action Class:** Land Spills  
**Sector Source Type:** Other  
**Site Municipality:** Ottawa

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**Site:** **Nortel Networks<UNOFFICIAL>**  
**Nortel Networks<UNOFFICIAL> Ottawa ON**

**Database:**  
**SPL**

**Ref NO:** 4030-6GTJE2  
**Contaminant Code:**  
**Contaminant Name:** HALON (CFC)  
**Contaminant Quantity:**  
**Incident Cause:**  
**Incident Dt:** 9/28/2005  
**Incident Reason:**  
**Incident Summary:** Spill to Air  
**MOE Reported Dt:** 10/3/2005  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:**  
**Receiving Medium:** Air  
**SAC Action Class:** Spills at Federal Facilities & Spills of National Interest  
**Sector Source Type:** Other  
**Site Municipality:** Ottawa

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**Site:** **B-Arnone Paving and Concrete Ltd.**  
**Ottawa ON**

**Database:**  
**SPL**

**Ref NO:** 7674-8MTQHA  
**Contaminant Code:** 15  
**Contaminant Name:** HYDRAULIC OIL  
**Contaminant Quantity:** 10 L  
**Incident Cause:** Pipe Or Hose Leak  
**Incident Dt:** 10/18/2011  
**Incident Reason:** Equipment Failure  
**Incident Summary:** B-Arnone Paving, 10L hydraulic oil to sidewalk, c/b impact  
**MOE Reported Dt:** 10/20/2011  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:** Other Impact(s)  
**Receiving Medium:**  
**SAC Action Class:** Land Spills  
**Sector Source Type:** Motor Vehicle  
**Site Municipality:** Ottawa

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**Site:** **City of Ottawa**  
**Baseline Rd. Eastbound lane, just past Fisher Rd. Ottawa ON**

**Database:**  
**SPL**

**Ref NO:** 5816-9U4MMM  
**Contaminant Code:** 27  
**Contaminant Name:** COOLANT N.O.S.  
**Contaminant Quantity:** 15 L  
**Incident Cause:** Leak/Break  
**Incident Dt:** 2/26/2015  
**Incident Reason:** Material Failure - Poor Design/Substandard Material  
**Incident Summary:** OC Transpo - Coolant spill approx 15L

**MOE Reported Dt:** 2/26/2015  
**Environmental Impact:**  
**Nature of Impact:** Land  
**Receiving Medium:**  
**SAC Action Class:** Land Spills  
**Sector Source Type:**  
**Site Municipality:** Ottawa

**Site:**  
 lot 25 ON

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

**Well ID:** 1525383  
**Concession:**  
**County:** OTTAWA-CARLETON  
**Easting Nad83:**  
**Zone:** 18  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Pump Rate:** 6 GPM  
**Flow Rate:**  
**Specific Capacity:**  
**Construction Method:** Air Percussion  
**Elevation (m):**  
**Depth to Bedrock:** 52  
**Water Type:** Not stated

**Lot:** 025  
**Concession Name:** RF  
**Municipality:** NEPEAN TOWNSHIP  
**Northing Nad83:**  
**Utm Reliability:** unknown UTM  
**Construction Date:** 11-MAR-91  
**Well Depth:** 175 ft  
**Static Water Level:** 20 ft  
**Clear/Cloudy:** CLEAR  
**Final Well Status:** Water Supply  
**Flowing (y/n):** N  
**Elevation Reliability:**  
**Overburden/Bedrock:** Bedrock  
**Casing Material:** FRESH, MINERIAL

--- Details ---

**Thickness:** 8 ft  
**Material Colour:** BROWN  
 +  
**Thickness:** 35 ft  
**Material Colour:** GREY  
 +  
**Thickness:** 9 ft  
**Material Colour:** GREY  
 +  
**Thickness:** 68 ft  
**Material Colour:** GREY  
 +  
**Thickness:** 55 ft  
**Material Colour:** GREY

**Original Depth:** 8 ft  
**Material:** SAND, DRY  
  
**Original Depth:** 43 ft  
**Material:** CLAY, STICKY  
  
**Original Depth:** 52 ft  
**Material:** SAND, WATER-BEARING  
  
**Original Depth:** 120 ft  
**Material:** LIMESTONE  
  
**Original Depth:** 175 ft  
**Material:** SANDSTONE

**Site:**  
 lot 25 ON

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

**Well ID:** 1528551  
**Concession:**  
**County:** OTTAWA-CARLETON  
**Easting Nad83:**  
**Zone:** 18  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Pump Rate:** 15 GPM  
**Flow Rate:**  
**Specific Capacity:**  
**Construction Method:** Air Percussion  
**Elevation (m):**  
**Depth to Bedrock:** 71  
**Water Type:** Not stated

**Lot:** 025  
**Concession Name:**  
**Municipality:** NEPEAN TOWNSHIP  
**Northing Nad83:**  
**Utm Reliability:** unknown UTM  
**Construction Date:** 20-JUN-95  
**Well Depth:** 83 ft  
**Static Water Level:** 48 ft  
**Clear/Cloudy:** CLOUDY  
**Final Well Status:** Water Supply  
**Flowing (y/n):** N  
**Elevation Reliability:**  
**Overburden/Bedrock:** Bedrock  
**Casing Material:** FRESH, MINERIAL

--- Details ---

**Thickness:** 71 ft  
**Material Colour:** GREY  
 +  
**Thickness:** 12 ft

**Original Depth:** 71 ft  
**Material:** CLAY, TOPSOIL  
  
**Original Depth:** 83 ft

**Material Colour:** GREY

**Material:** LIMESTONE, FRACTURED

**Site:**  
**lot 25 ON**

**Database:**  
**WWIS**

**Well ID:** 1523747  
**Concession:**  
**County:** OTTAWA-CARLETON  
**Easting Nad83:**  
**Zone:** 18  
**Primary Water Use:** Industrial  
**Sec. Water Use:**  
**Pump Rate:** 14 GPM  
**Flow Rate:**  
**Specific Capacity:**  
**Construction Method:** Air Percussion  
**Elevation (m):**  
**Depth to Bedrock:** 32  
**Water Type:** FRESH

**Lot:** 025  
**Concession Name:**  
**Municipality:** OTTAWA CITY  
**Northing Nad83:**  
**Utm Reliability:** unknown UTM  
**Construction Date:** 12-JUN-89  
**Well Depth:** 250 ft  
**Static Water Level:** 19 ft  
**Clear/Cloudy:** CLOUDY  
**Final Well Status:** Water Supply  
**Flowing (y/n):** N  
**Elevation Reliability:**  
**Overburden/Bedrock:** Bedrock  
**Casing Material:** FRESH, MINERIAL

**--- Details ---**

**Thickness:** 32 ft  
**Material Colour:** GREY  
+  
**Thickness:** 218 ft  
**Material Colour:** GREY

**Original Depth:** 32 ft  
**Material:** CLAY  
  
**Original Depth:** 250 ft  
**Material:** LIMESTONE, SHALY

**Site:**  
**lot 35 con 2 ON**

**Database:**  
**WWIS**

**Well ID:** 1522287  
**Concession:** 02  
**County:** OTTAWA-CARLETON  
**Easting Nad83:**  
**Zone:** 18  
**Primary Water Use:** Irrigation  
**Sec. Water Use:**  
**Pump Rate:** 50 GPM  
**Flow Rate:**  
**Specific Capacity:**  
**Construction Method:** Cable Tool  
**Elevation (m):**  
**Depth to Bedrock:** 49  
**Water Type:** FRESH

**Lot:** 035  
**Concession Name:** CON  
**Municipality:** NEPEAN TOWNSHIP  
**Northing Nad83:**  
**Utm Reliability:** unknown UTM  
**Construction Date:** 24-MAR-88  
**Well Depth:** 450 ft  
**Static Water Level:** 23 ft  
**Clear/Cloudy:** CLEAR  
**Final Well Status:** Water Supply  
**Flowing (y/n):** N  
**Elevation Reliability:**  
**Overburden/Bedrock:** Bedrock  
**Casing Material:** FRESH, MINERIAL

**--- Details ---**

**Thickness:** 8 ft  
**Material Colour:** BROWN  
+  
**Thickness:** 7 ft  
**Material Colour:** BROWN  
+  
**Thickness:** 23 ft  
**Material Colour:** GREY  
+  
**Thickness:** 11 ft  
**Material Colour:** GREY  
+  
**Thickness:** 166 ft  
**Material Colour:** GREY  
+  
**Thickness:** 125 ft  
**Material Colour:** GREY  
+  
**Thickness:** 99 ft  
**Material Colour:** GREY  
+

**Original Depth:** 8 ft  
**Material:** CLAY, PACKED  
  
**Original Depth:** 15 ft  
**Material:** CLAY  
  
**Original Depth:** 38 ft  
**Material:** CLAY  
  
**Original Depth:** 49 ft  
**Material:** CLAY, SANDY, BOULDERS  
  
**Original Depth:** 215 ft  
**Material:** LIMESTONE  
  
**Original Depth:** 340 ft  
**Material:** SANDSTONE, LAYERED  
  
**Original Depth:** 439 ft  
**Material:** LIMESTONE

**Thickness:** 11 ft  
**Material Colour:** GREY

**Original Depth:** 450 ft  
**Material:** GRANITE

**Site:**  
**lot 24 ON**

**Database:**  
**WWIS**

**Well ID:** 1534384  
**Concession:**  
**County:** OTTAWA-CARLETON  
**Easting Nad83:**  
**Zone:** 18  
**Primary Water Use:** Not Used  
**Sec. Water Use:**  
**Pump Rate:**  
**Flow Rate:**  
**Specific Capacity:**  
**Construction Method:** Other Method  
**Elevation (m):**  
**Depth to Bedrock:**  
**Water Type:**

**Lot:** 024  
**Concession Name:**  
**Municipality:** NEPEAN TOWNSHIP  
**Northing Nad83:**  
**Utm Reliability:** unknown UTM  
**Construction Date:** 22-NOV-03  
**Well Depth:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Final Well Status:** Abandoned-Other  
**Flowing (y/n):**  
**Elevation Reliability:**  
**Overburden/Bedrock:** No formation data  
**Casing Material:**



## 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 Mar 2015**

### **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 2014**

### **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**

### **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: 2001-Jul 2014**

### **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 2014**

### **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\***

**Commercial Fuel Oil Tanks:**

Provincial

CFOT

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

**Government Publication Date: 1948-Dec 2015**

**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: 1992, 1999-Jul 2014**

**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-Feb 2014**

**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-Jan 2016**

**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-Jun 2014**

**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: Feb 29, 2016**

**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-Jan 2016**

**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: Feb 29, 2016**

**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-Aug 2014**

**Environmental Issues Inventory System:**

Federal

EIS

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 EIS 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

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events. Events captured will include 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.

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

**List of TSSA Expired Facilities:**

Provincial

EXP

This is a list of all expired facilities that fall under the TSSA (TSSA Act & Safety Regulations), including the six regulations that exist under the Fuels Safety Division. It will include facilities such as private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. These tanks have been removed and automatically fall under the expired facilities inventory held by TSSA.

**Government Publication Date: Current to Nov 2015**

**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.

**Government Publication Date: June 2000-Oct 2015**

**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-Sept 2003**

**Fuel Storage Tank:**

Provincial

FST

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

**Government Publication Date: 2010-Nov 2015**

**Fuel Storage Tank - Historic:**

Provincial

FSTH

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

**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-May 2015**

**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 CO<sub>2</sub> eq).

**Government Publication Date: Dec 31, 2013**

**TSSA Historic Incidents:**

Provincial

HINC

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

**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\***

**TSSA Incidents:**

Provincial

INC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

**Government Publication Date: June 2009 - Nov 2015**

**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: 2012**

**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-Apr 2013**

**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: 1994-2013**

**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-Aug 2010**

**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 Wells:**

Federal

NEBW

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: Dec 31, 2014**

**Oil and Gas Wells:**

Private

OGW

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

**Government Publication Date: 1988-2015**

**Ontario Oil and Gas Wells:**

Provincial

OOGW

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

**Government Publication Date: 1800-Aug 2015**

**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-Jan 2016**

**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**

**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 Environment maintains a database of all manufacturers and vendors of registered pesticides.

**Government Publication Date: 1988-Jun 2013**

**TSSA Pipeline Incidents:**

Provincial

PINC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

**Government Publication Date: Nov 30, 2015**



**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-Jan 2016**

**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: 1986-2013**

**Record of Site Condition:**

Provincial

RSC

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

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

**Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2016**

**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-Jul 2014**

**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-Jun 2015**

**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: 1990-2013**

**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-Mar 2007

**TSSA Variances for Abandonment of Underground Storage Tanks:**

Provincial

VAR

The TSSA, under the Liquid Fuels Handling Code and the Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, you may apply to seek a variance from this code requirement. This is a list of all variances granted for abandoned tanks.

**Government Publication Date:** Current to Nov 2015

**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:** Feb 29, 2016

**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:** 1955-Mar 2014

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

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

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

## Appendix F

### Freedom of Information Records

Ministry of the Environment  
and Climate Change

Freedom of Information and  
Protection of Privacy Office

12<sup>th</sup> Floor  
40 St. Clair Avenue West  
Toronto ON M4V 1M2  
Tel: (416) 314-4075  
Fax: (416) 314-4285

Ministère de l'Environnement et de  
l'Action en matière de changement  
climatique

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

12<sup>e</sup> étage  
40, avenue St. Clair ouest  
Toronto ON M4V 1M2  
Tél.: (416) 314-4075  
Télééc.: (416) 314-4285



August 23, 2016

Emily Hopkins  
SNC-Lavalin Environment & Water  
20 Colonnade Rd, Suite 110  
Ottawa, ON K2E 7M6

Dear Emily Hopkins:

RE: **Freedom of Information and Protection of Privacy Act Request**  
**Our File # A-2016-05272, Your Reference 640516**

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of \$5.00 (non-refundable application fee), along with your \$30.00 deposit.

**The search is being conducted on the following: 2140 Baseline Rd, Ottawa. If there is any discrepancy please contact us immediately.**

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search, copying and preparation time.

If you have any questions regarding this matter, please contact Meagan Caschera at meagan.caschera@ontario.ca.

Yours truly,

Jacqueline Gallacher  
FOI Manager (A)

MOE-INFO MGMT & ACCES  
40 ST. CLAIR AVENUE M4V1M2

TORONTO ON

20164541

GH2016454151

\*\*\* PURCHASE \*\*\*  
08-23-2016 09:20:22  
Acct # \*\*\*\*\*7425 M  
Exp Date \*\*/\*\* Card Type VI  
Name:

Trace # 6102  
Inv. # 6255  
Auth # 001152 RRW 001004375

Total \$272 \$35.00

Retain this copy for your  
records  
Customer copy

Ministry of the Environment  
and Climate Change

Freedom of Information and  
Protection of Privacy Office

12<sup>th</sup> Floor  
40 St. Clair Avenue West  
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Ministère de l'Environnement et de  
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de la protection de la vie privée

12<sup>e</sup> étage  
40, avenue St. Clair ouest  
Toronto ON M4V 1M2  
Tél. : (416) 314-4075  
Télec.: (416) 314-4285



September 14, 2016

Emily Hopkins  
SNC-Lavalin Environment & Water  
20 Colonnade Rd, Suite 110  
Ottawa, ON K2E 7M6

Dear Emily Hopkins:

RE: ***Freedom of Information and Protection of Privacy Act Request***  
**Our File # A-2016-05272, Your Reference 640516**

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 2140 Baseline Rd, Ottawa.

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

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

If you have any questions regarding this matter, please contact Meagan Caschera at [meagan.caschera@ontario.ca](mailto:meagan.caschera@ontario.ca).

Yours truly,

Tracey Goodwin  
FOI Manager (A)



## Appendix G

### Municipal Records



0 100 200 300 Meters

Subject\_Area  
HLUI\_Within 250M

HLUI#	Name	Street Number	Street Name	Type of Facility	Pin Certainty	PIN	Waste Generator #	Storage Tanks	Comments
136	ARNON	0	CONSTELLATION	Other Utility Industries n.e.c.	2	04692-1244			City of Nepean, Planning Dept.-1/25/99; private snow dump Type B - snow can come from anywhere, rezoning process completed.
4273	DIAGNOSTI CARE INC.	1	CENTREPOINT	Medical and Other Health Laboratories	1	04692-0018			SC98; 2005 Select Phone
9724	NORTEL - WOODLINE	100	CONSTELLATION	Communication and Other Electronic Equipment Industries	1	04692-1269	ON0132318		2000 PID
9730	OC TRANSP	1400	WOODROFFE	Public Passenger Transit Systems Industries	1	04692-1273			2005 Property Assessment
10129	OTTAWA-CARLETON DISTRICT SCHOOL BOARD - SIR GUY CARLETON SEC SCHOOL	55	CENTREPOINT	Elementary and Secondary Education	1	04692-0027	ON0051008		2000 PID; SIR GUY CARLETON SECONDARY HIGH SCHOOL
15045	Northern Telecom (Nortel)	2	CONSTELLATION	Laboratories	2	04692-0026			SC98

HLUI Occurs directly on the subject property(ies)

## Appendix H

### Technical Standards and Safety Authority Records

## Hopkins, Emily

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**From:** Ruchi Chohan [rchohan@tssa.org] on behalf of Public Information Services [publicinformationsservices@tssa.org]  
**Sent:** August 22, 2016 12:26 PM  
**To:** Hopkins, Emily  
**Subject:** RE: TSSA Database Search - Sites in Ottawa, ON

Hello Emily,

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses).

For a further search in our archives please submit your request in writing to Public Information Services via e-mail ([publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Thank you and have a good day!

Ruchi



**Ruchi Chohan | Public Information Agent**

Facilities and Business Services  
345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: +1-416-734-3417 | Fax: +1-416-231-4903 | E-Mail: [rchohan@tssa.org](mailto:rchohan@tssa.org)  
[www.tssa.org](http://www.tssa.org)



---

**From:** Hopkins, Emily [<mailto:Emily.Hopkins@snclavalin.com>]  
**Sent:** Monday, August 22, 2016 11:01 AM  
**To:** Public Information Services <[publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)>  
**Subject:** TSSA Database Search - Sites in Ottawa, ON

Good Afternoon,

We would like to inquire if there are any records in the TSSA database for the following properties:

- 2140 Baseline Rd, Ottawa, ON
- 1 CentrepoinTE Dr, Ottawa, ON
- 55 CentrepoinTE Dr, Ottawa, ON
- 2 Constellation Dr, Ottawa, ON
- 2045 Baseline Rd, Ottawa, ON

If there are records associated with the addresses, could you provide a quote to obtain the records?

Thanks,

**Emily Hopkins**, B.Eng., M.A.Sc.

Engineering Trainee (EIT) / Environmental Specialist

*Environment & Geoscience*

**Infrastructure**

**Tel.:** 613-226-2456 x 215

**Fax:** 613-226-9980

**SNC-Lavalin**

20 Colonnade Road

Ottawa | Ontario | Canada | K2E 7M6

---



[snclavalin.com](http://snclavalin.com)

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

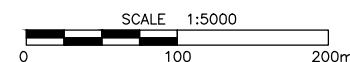
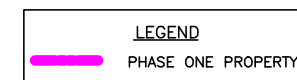
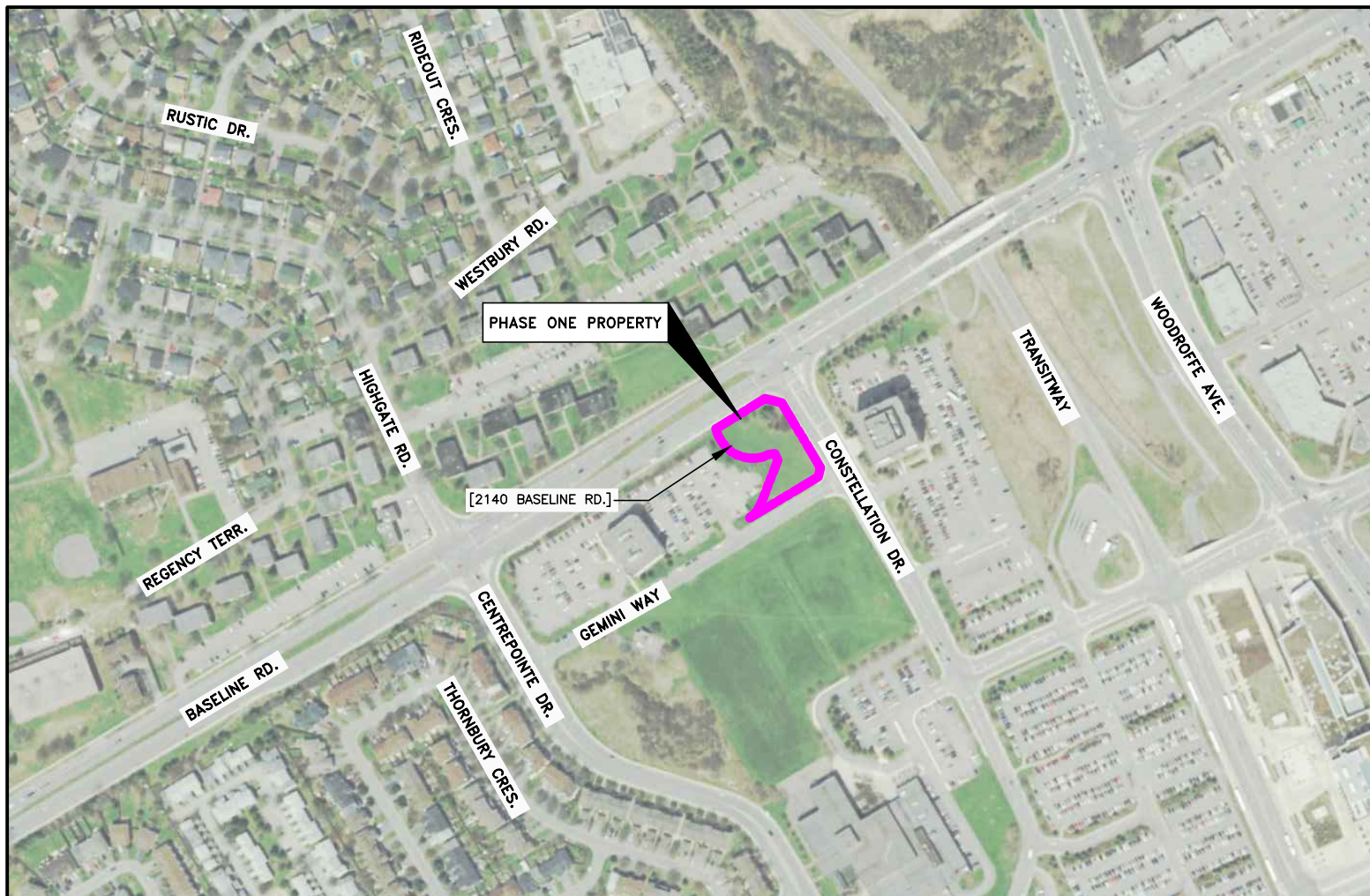


# Appendix I

## Aerial Photographs

**TABLE I.1: SUMMARY OF AERIAL PHOTOGRAPHS REVIEWED**  
**2140 Baseline Road, Ottawa, ON**  
**and Phase One Study Area**

Date/Figures	Phase One Property	North	East	South	West
2014 / Figure 1.1	Undeveloped lands. Vacant, grass covered.	2045 Baseline Rd (north of Baseline Rd) - multi residential housing To the northeast is a small creek.	2 Constellation Dr (east of Constellation Dr) - multi-storey office building surrounded by paved parking lot. Further east is OC Transpo Transitway.	55 Centrepointhe Dr (south of Gemini Way) - vacant, grass covered sports fields. Further south are paved parking lots and highschool building (Sir Guy Carleton Secondary School). 70 Gemini Way (south of Gemini Way, southwest of site) - Bell utility building.	1 Centrepointhe Dr - multi-storey office/multi-use building surrounded by paved parking lot.
2009 / Figure 1.2	Entire site has recently been disturbed. Disturbed/exposed soil is present on site. Site remains in the same configuration as 2014 (i.e. roads realigned since 2008), with Gemini Way adjacent to the south of the site, and Constellation Dr adjacent to the east of the site.	No significant changes.	No significant changes.	Soil on portion of sports field appears to be exposed. No other significant changes.	No significant changes.
2008 / Figure 1.3	Gemini Way and Constellation Dr extend through site, with Constellation Dr crossing the site diagonally from the northwest corner to the southeast corner of the site. Lanscaped areas are present in the northeast and southeast portions of the site. A small portion of paved parking appears on the northeast portion of the site, extending from paved parking from the east.	No significant changes.	The parking lot between the building and Baseline Rd extends further west (i.e. slightly extending through to the northeast portion of the subject site and largely covering the future 2009 Constellation Drive realignment area). Further east, a paved parking lot is present (i.e. where an OC Transpo bus turn was in 2009).	Sports fields are vacant and grass covered.	No significant changes.
2002 / Figure 1.4	No changes are discernible.	No significant changes.	No significant changes.	No significant changes.	No significant changes.
1995 / Figure 1.5	No changes are discernible.	No significant changes.	Parking lots southeast and further east are not present, and are vacant lands with a footpath running through.	No significant changes.	No significant changes.
1991 / Figure 1.5	Gemini Way and Constellation Dr appear to be newly constructed. Soil in the south portion of the site has been recently disturbed/exposed.	No significant changes.	No significant changes.	No significant changes.	The building and associated parking lots are not present. Exposed soil is present on-site.
1985 / Figure 1.7	The Gemini Way and Constellation Dr configuration is different, crossing the site more or less east to west. The remaining land is vacant and grass covered.	No significant changes.	The building and associated parking lots are not present. Lands appear to be vacant and sparsely vegetated.	The Gemini Way configuration is different. The Bell utility building is not present.	Gemini Way configuration is different, extending east to west through the middle of 1 Centrepointhe Dr. A baseball diamond is present approximately at the location of the present-day building.
1978 / Figure 1.8	Gemini Way and Constellation Dr are not present. Soil appears to have been excavated in the footprint of the 1985 roadway configuration.	No significant changes.	What appears to be a snow dump (evidenced by piled snow and meltwater) is present approximately 150 m southeast of the Phase One Property.	Lands are vacant. No buildings (i.e. present-day school) are present.	Gemini Way and Centrepointhe Dr are not present. Soil appears to have been excavated in the footprint of the 1985 roadways configuration.
1976 / Figure 1.9	Disturbed/exposed soil appears to be present on the site.	No significant changes.	Disturbed/exposed soil appears to be present.	Disturbed/exposed soil appears to be present.	Disturbed/exposed soil appears to be present.
1965 / Figure 1.10	Lands appear to be agricultural fields.	Baseline Rd is a single lane in each direction.	Lands appear to be agricultural fields.	Lands appear to be agricultural fields.	Lands appear to be agricultural fields.
1958 / Figure 1.11	No significant changes.	Multi residential housing is not present. Directly north (across Baseline Rd) is an agriculture field with a small shed-like structure. To the northwest, there appears to be a works yard for residential development, followed by a residential subdivision. To the northeast, there is a farmhouse.	No significant changes.	Unknown as the air photo does not extend south of the site.	No significant changes.



NOTE(S):  
 1. SCALE AND SITE INFRASTRUCTURE LOCATIONS ARE APPROXIMATE  
 2. INFORMATION ON THIS FIGURE MAY BE LOST IF IT IS PHOTOCOPIED, FAXED OR PRINTED IN OTHER THAN ITS ORIGINAL SIZE AND COLOURS  
 3. 'm' : METRES

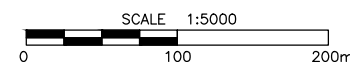
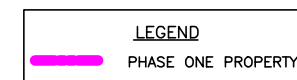
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**SNC-LAVALIN**

Client/Location: <b>CITY OF OTTAWA 2140 BASELINE ROAD OTTAWA, ONTARIO</b>		Title: <b>HISTORICAL AIR PHOTO (2014)</b>	
Project No: 640516	Filename: 640516-AP2013-1.DWG	Date: AUGUST 2016	Dwg No: <b>FIGURE I.1</b>
Drawn: EM	Verified: EH	Project Manager: MS	





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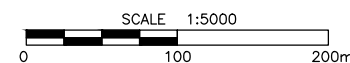
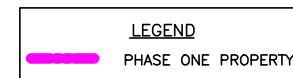
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**SNC-LAVALIN**

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Project No: 640516	Filename: 640516-AP2009-1.DWG	Date: AUGUST 2016	Dwg No: <b>FIGURE 1.2</b>
Drawn: EM	Verified: EH	Project Manager: MS	





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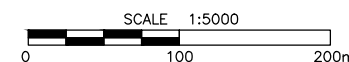
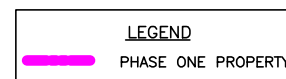
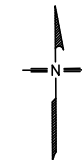
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**SNC-LAVALIN**

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Project No: 640516	Filename: 640516-AP2008-1.DWG	Date: AUGUST 2016	Dwg No: <b>FIGURE I.3</b>
Drawn: EM	Verified: EH	Project Manager: MS	





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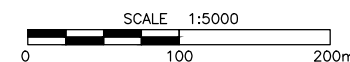
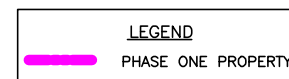
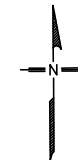
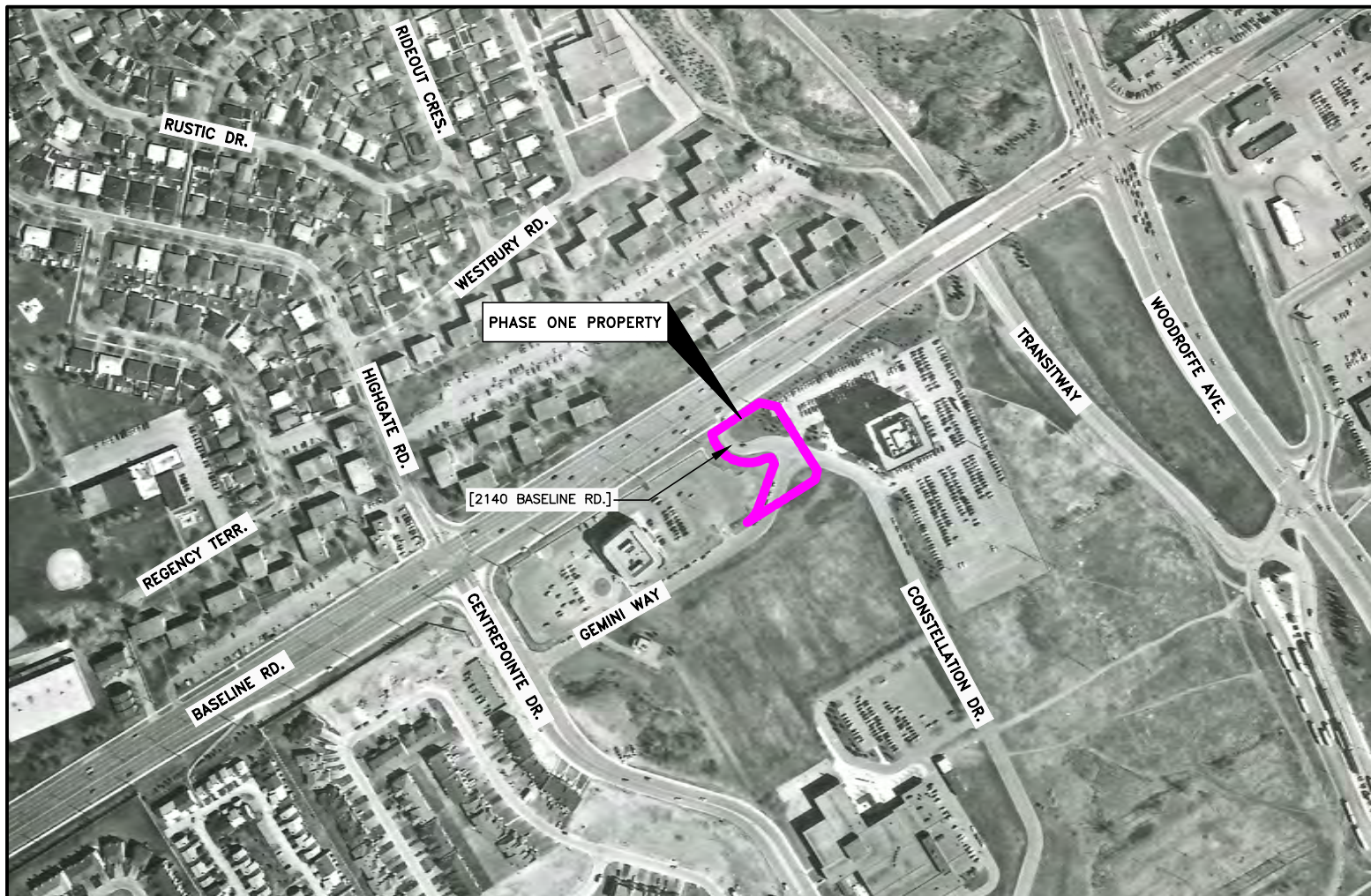
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**SNC-LAVALIN**

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Project No: 640516	Filename: 640516-AP2002-1.DWG	Date: AUGUST 2016	Dwg No: <b>FIGURE 1.4</b>
Drawn: EM	Verified: EH	Project Manager: MS	





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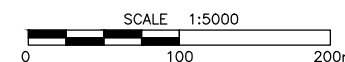
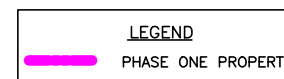
SOURCE(S):  
 1. HISTORICAL AIR PHOTO, A28184-143, 1995



**SNC-LAVALIN**

Client/Location: CITY OF OTTAWA 2140 BASELINE ROAD OTTAWA, ONTARIO		Title: HISTORICAL AIR PHOTO (1995)	
Project No: 640516	Filename: 640516-AP1995-1.DWG	Date: AUGUST 2016	Dwg No: FIGURE I.5
Drawn: EM	Verified: EH	Project Manager: MS	





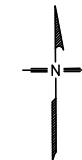
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 3. 'm' : METRES


SOURCE(S):  
 1. HISTORICAL AIR PHOTO, 1991

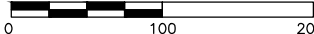


**SNC-LAVALIN**

Client/Location: <b>CITY OF OTTAWA 2140 BASELINE ROAD OTTAWA, ONTARIO</b>		Title: <b>HISTORICAL AIR PHOTO (1991)</b>	
Project No: 640516	Filename: 640516-AP1991-1.DWG	Date: AUGUST 2016	Dwg No: <b>FIGURE 1.6</b>
Drawn: EM	Verified: EH	Project Manager: MS	



**LEGEND**  
 PHASE ONE PROPERTY

**SCALE** 1:5000  


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 3. 'm' : METRES

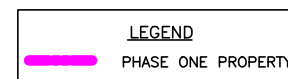
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 1. HISTORICAL AIR PHOTO, A26642-135, 1985



**SNC-LAVALIN**

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Project No: 640516	Filename: 640516-AP1985-1.DWG	Date: SEPTEMBER 2016	Dwg No: <b>FIGURE 1.7</b>
Drawn: EM	Verified: EH	Project Manager: MS	





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 2. INFORMATION ON THIS FIGURE MAY BE LOST IF IT IS PHOTOCOPIED, FAXED OR PRINTED IN OTHER THAN ITS ORIGINAL SIZE AND COLOURS  
 3. 'm' : METRES

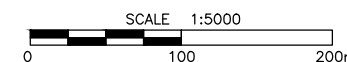
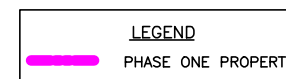
SOURCE(S):  
 1. HISTORICAL AIR PHOTO, A24847-112, 1978



**SNC-LAVALIN**

Client/Location: <b>CITY OF OTTAWA 2140 BASELINE ROAD OTTAWA, ONTARIO</b>		Title: <b>HISTORICAL AIR PHOTO (1978)</b>	
Project No: 640516	Filename: 640516-AP1978-1.DWG	Date: SEPTEMBER 2016	Dwg No: <b>FIGURE 1.8</b>
Drawn: EM	Verified: EH	Project Manager: MS	





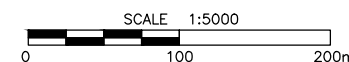
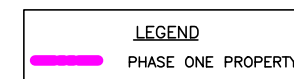
NOTE(S):  
 1. SCALE AND SITE INFRASTRUCTURE LOCATIONS ARE APPROXIMATE  
 2. INFORMATION ON THIS FIGURE MAY BE LOST IF IT IS PHOTOCOPIED, FAXED OR PRINTED IN OTHER THAN ITS ORIGINAL SIZE AND COLOURS  
 3. 'm' : METRES

SOURCE(S):  
 1. HISTORICAL AIR PHOTO, 1976



**SNC-LAVALIN**

Client/Location: <b>CITY OF OTTAWA 2140 BASELINE ROAD OTTAWA, ONTARIO</b>		Title: <b>HISTORICAL AIR PHOTO (1976)</b>	
Project No: 640516	Filename: 640516-AP1976-1.DWG	Date: AUGUST 2016	Dwg No: <b>FIGURE I.9</b>
Drawn: EM	Verified: EH	Project Manager: MS	



NOTE(S):  
 1. SCALE AND SITE INFRASTRUCTURE LOCATIONS ARE APPROXIMATE  
 2. INFORMATION ON THIS FIGURE MAY BE LOST IF IT IS PHOTOCOPIED, FAXED OR PRINTED IN OTHER THAN ITS ORIGINAL SIZE AND COLOURS  
 3. 'm' : METRES

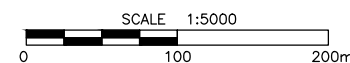
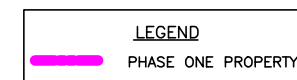
SOURCE(S):  
 1. HISTORICAL AIR PHOTO, 1965



**SNC-LAVALIN**

Client/Location: <b>CITY OF OTTAWA 2140 BASELINE ROAD OTTAWA, ONTARIO</b>		Title: <b>HISTORICAL AIR PHOTO (1965)</b>	
Project No: 640516	Filename: 640516-AP1965-1.DWG	Date: AUGUST 2016	Dwg No: <b>FIGURE 1.10</b>
Drawn: EM	Verified: EH	Project Manager: MS	





NOTE(S):  
 1. SCALE AND SITE INFRASTRUCTURE LOCATIONS ARE APPROXIMATE  
 2. INFORMATION ON THIS FIGURE MAY BE LOST IF IT IS PHOTOCOPIED, FAXED OR PRINTED IN OTHER THAN ITS ORIGINAL SIZE AND COLOURS  
 3. 'm' : METRES

SOURCE(S):  
 1. HISTORICAL AIR PHOTO, 1958



**SNC-LAVALIN**

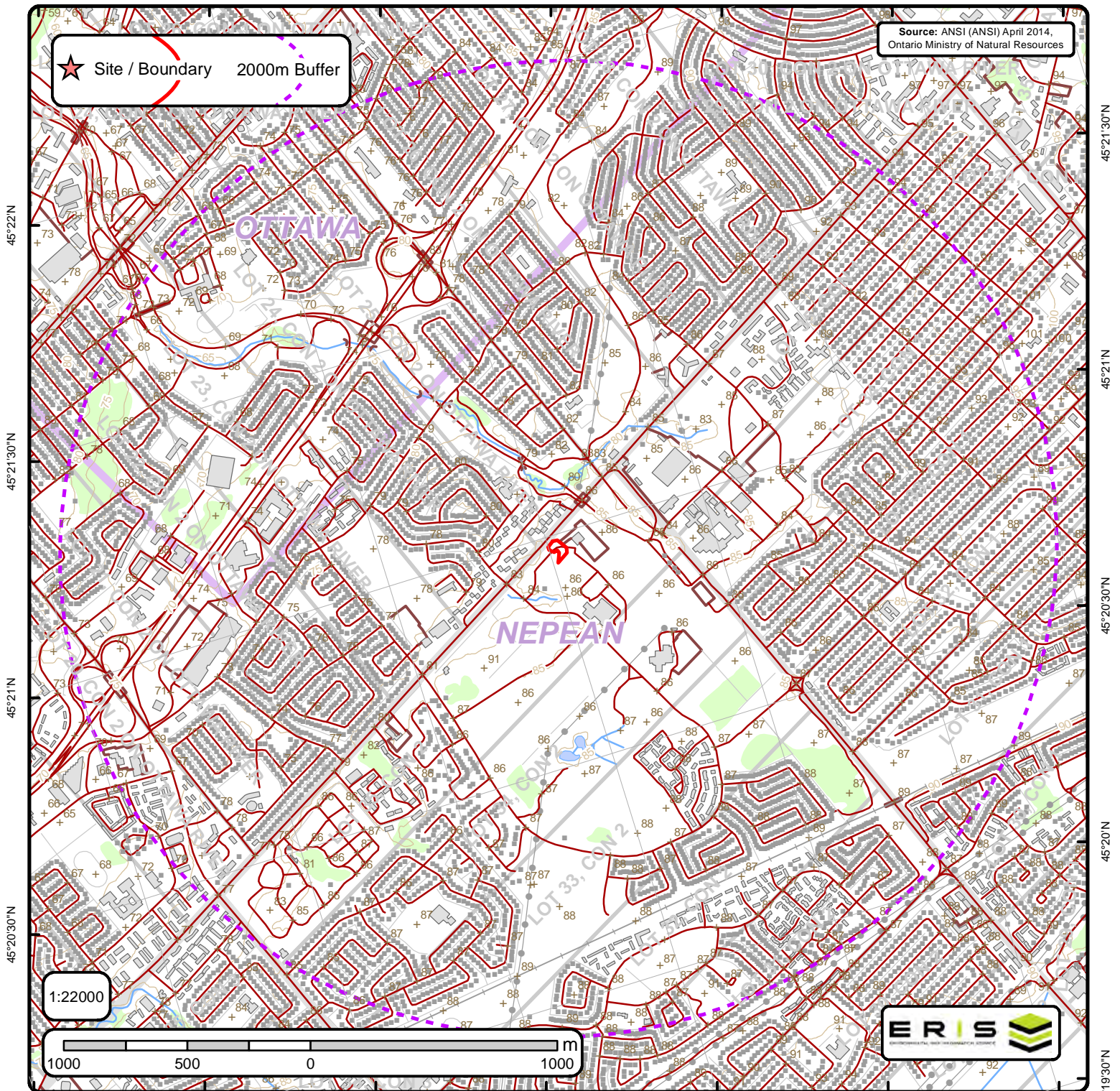
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Project No: 640516	Filename: 640516-AP1958-1.DWG	Date: AUGUST 2016	Dwg No: <b>FIGURE I.11</b>
Drawn: EM	Verified: EH	Project Manager: MS	

## Appendix J

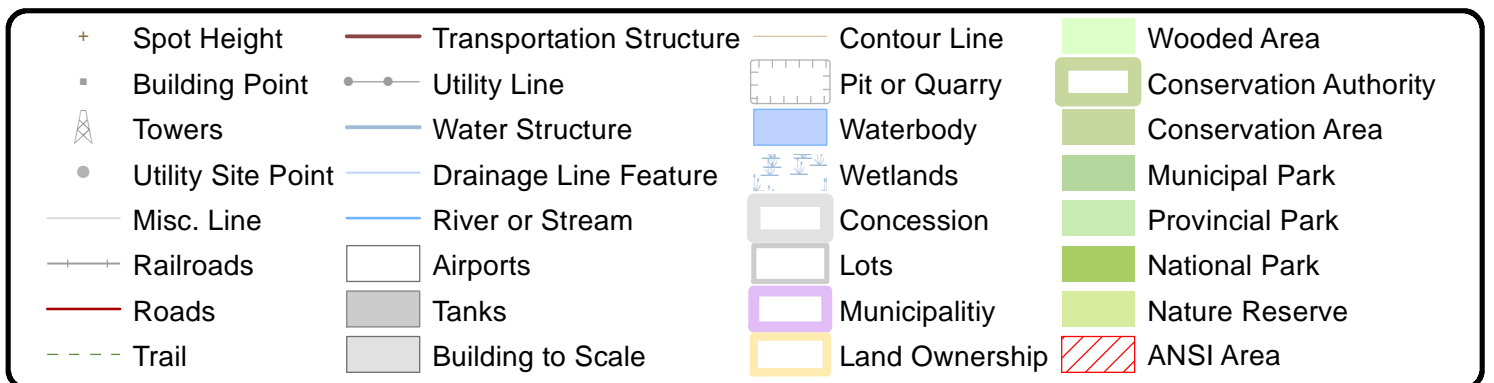
### Physical Mapping



75°47'W 75°46'30"W 75°46'W 75°45'30"W 75°45'W 75°44'30"W 75°44'W



## Area of Natural & Scientific Interest (ANSI) Order No. 20160822019





# ANSI Report

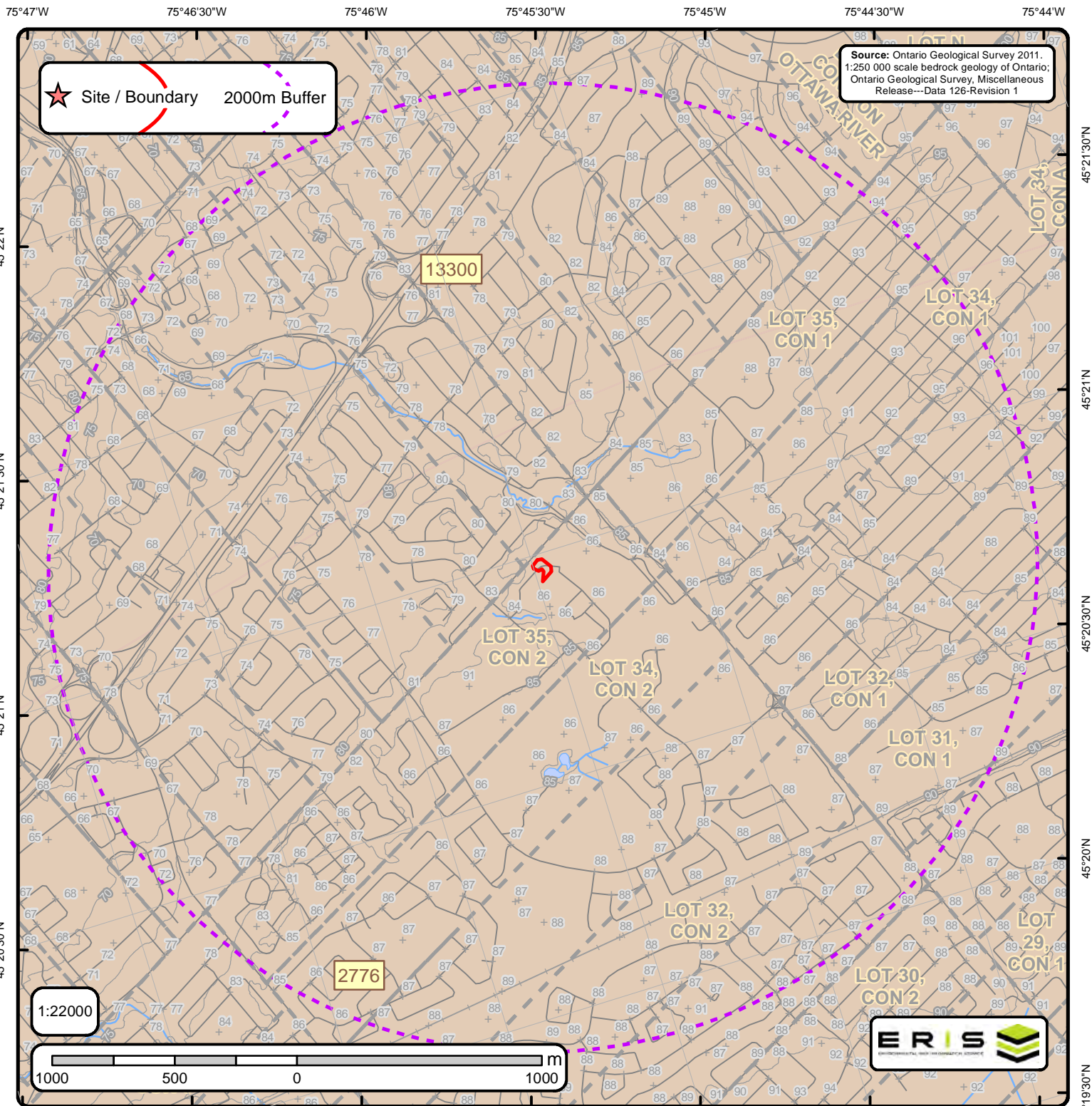
ANSI Units Found within 2000 m of  
2140 Baseline Rd, Ottawa, ON, K2C0C8

Page 1  
**Order ID:**  
20160822019



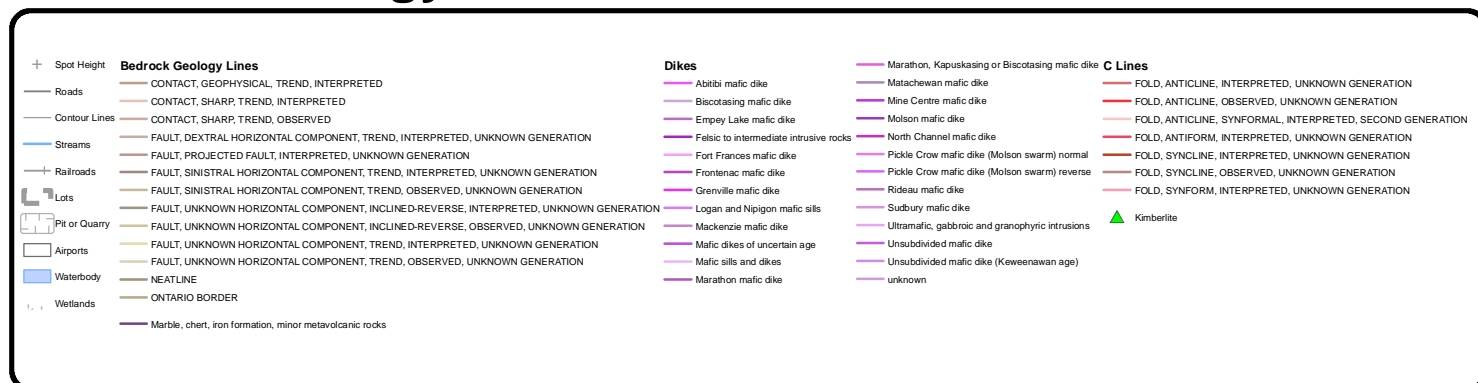
No ANSI units found within search area.





# Bedrock Geology of Ontario

Order No. 20160822019





# Bedrock Geology Report

Bedrock Geology units found within 2000 m of  
2140 Baseline Rd, Ottawa, ON, K2C0C8

Page 1  
Order ID:  
20160822019



**ID: 2776 | Unit Name: |**

**Type (All):** 53 | **Type (Primary):** 53 | **Type (Secondary):** | **Type (Tertiary):** | **Rock Type (Primary):** Dolostone, sandstone | **Stratus (Primary):** Beekmantown Group | **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):** LOWER ORDOVICIAN | **Province (Primary):**

**ID: 13300 | Unit Name: |**

**Type (All):** 54a | **Type (Primary):** 54a | **Type (Secondary):** | **Type (Tertiary):** | **Rock Type (Primary):** Limestone, dolostone, shale, arkose, sandstone | **Stratus (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):**





# 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:

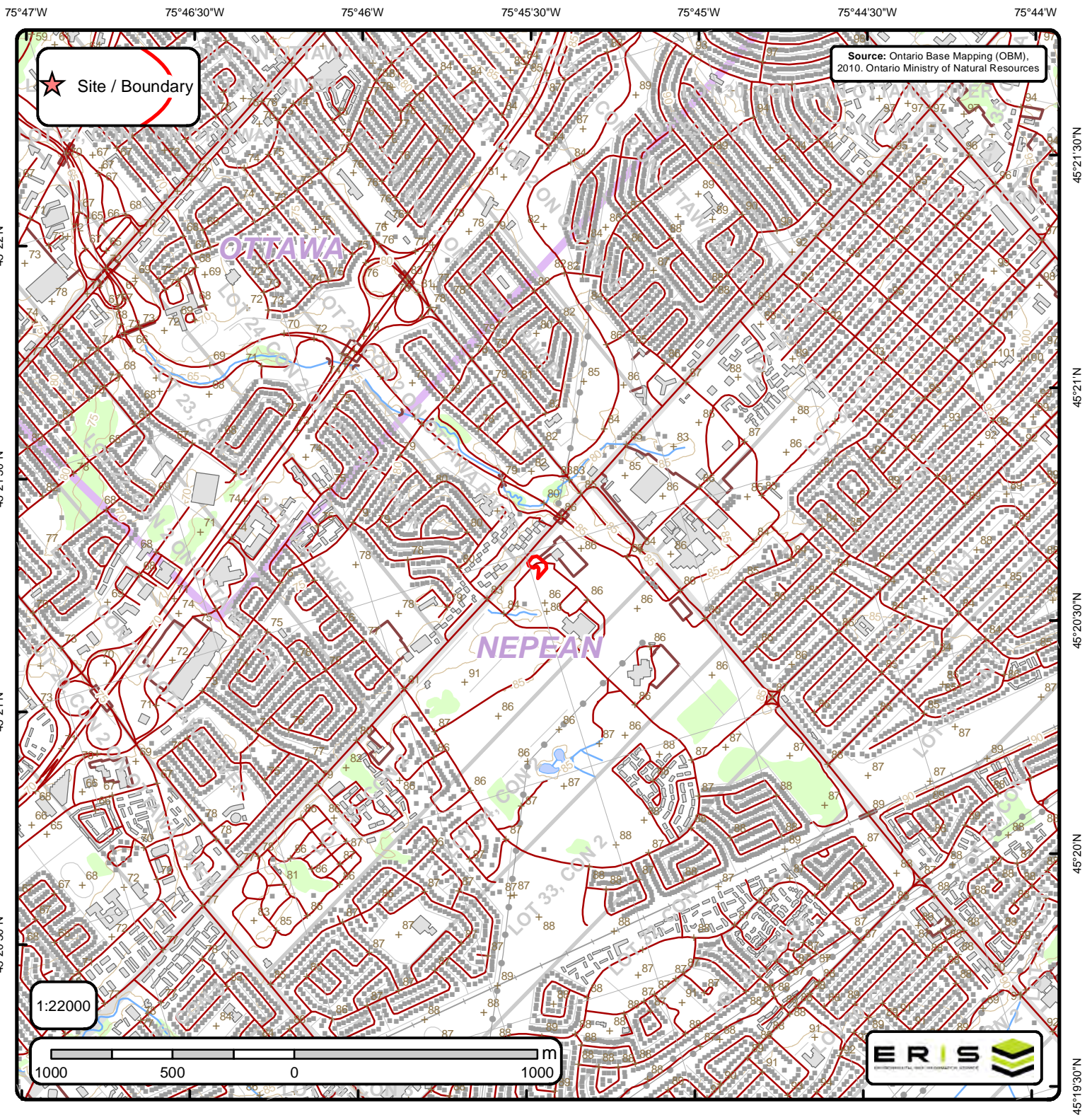
CAMBRIAN (488.3 Ma to 542.0 Ma)  
ORDOVICIAN (443.7 Ma to 488.3 Ma)  
SILURIAN (416.0 Ma to 443.7 Ma)  
DEVONIAN (359.2 Ma to 416.0 Ma)  
MISSISSIPPIAN TO DEVONIAN (318.1 Ma to 416.0 Ma)  
JURASSIC (145.5 Ma to 199.6 Ma)  
CRETACEOUS AND JURASSIC (65.5 Ma to 199.6 Ma)

**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

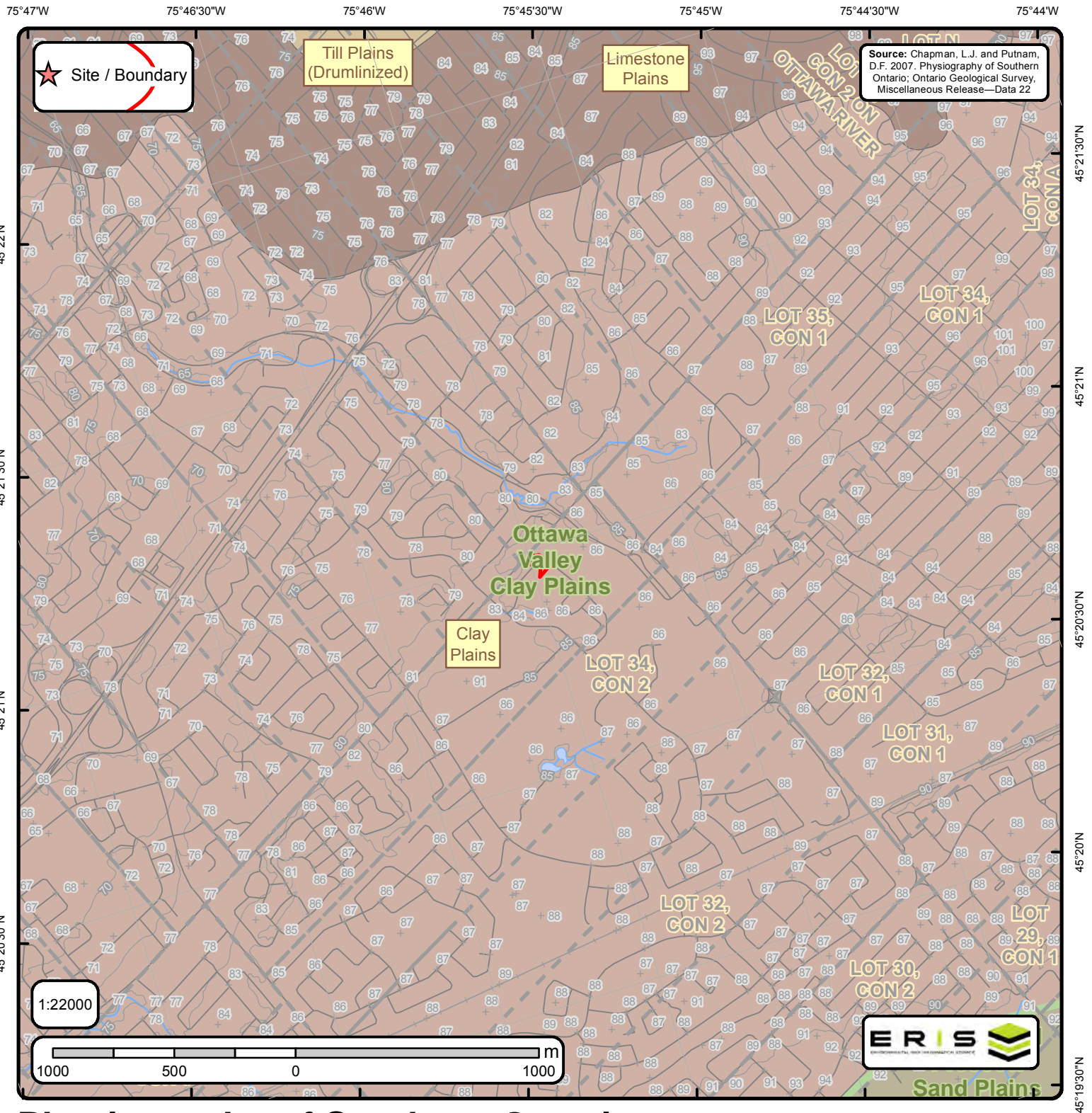


## Ontario Base Mapping (OBM) Data

Order No. 20160822019

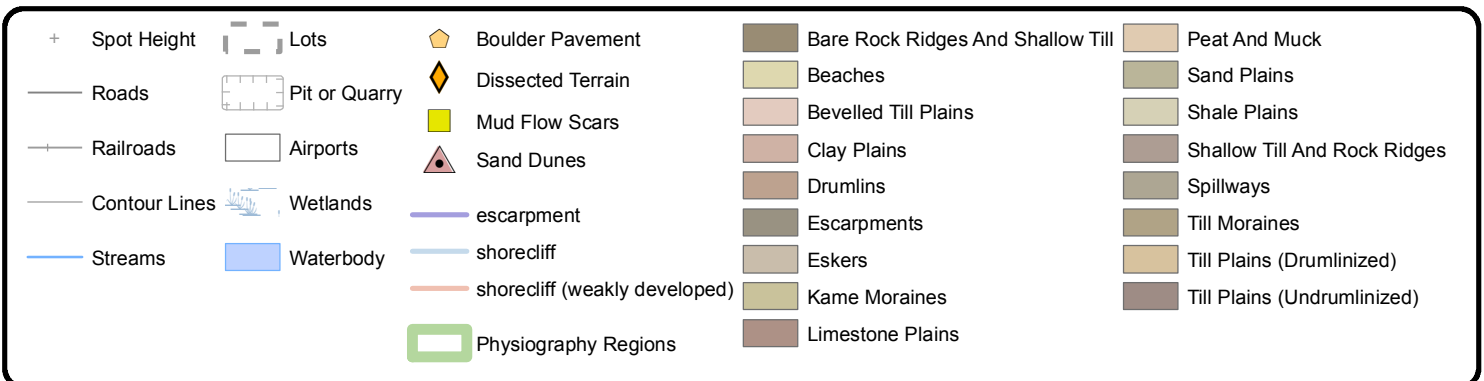
+	Spot Height (metre)	—	Transportation Structure	—	Contour Line	■	Wooded Area
■	Building Point	—	Utility Line	■	Pit or Quarry	■	Conservation Authority
⚡	Towers	—	Water Structure	■	Waterbody	■	Conservation Area
●	Utility Site Point	—	Drainage Line Feature	■	Wetlands	■	Municipal Park
—	Misc. Line	—	River or Stream	■	Concession	■	Provincial Park
—	Railroads	■	Airports	■	Lots	■	National Park
—	Roads	■	Tanks	■	Municipality	■	Nature Reserve
- - -	Trail	■	Building to Scale	■	Land Ownership		



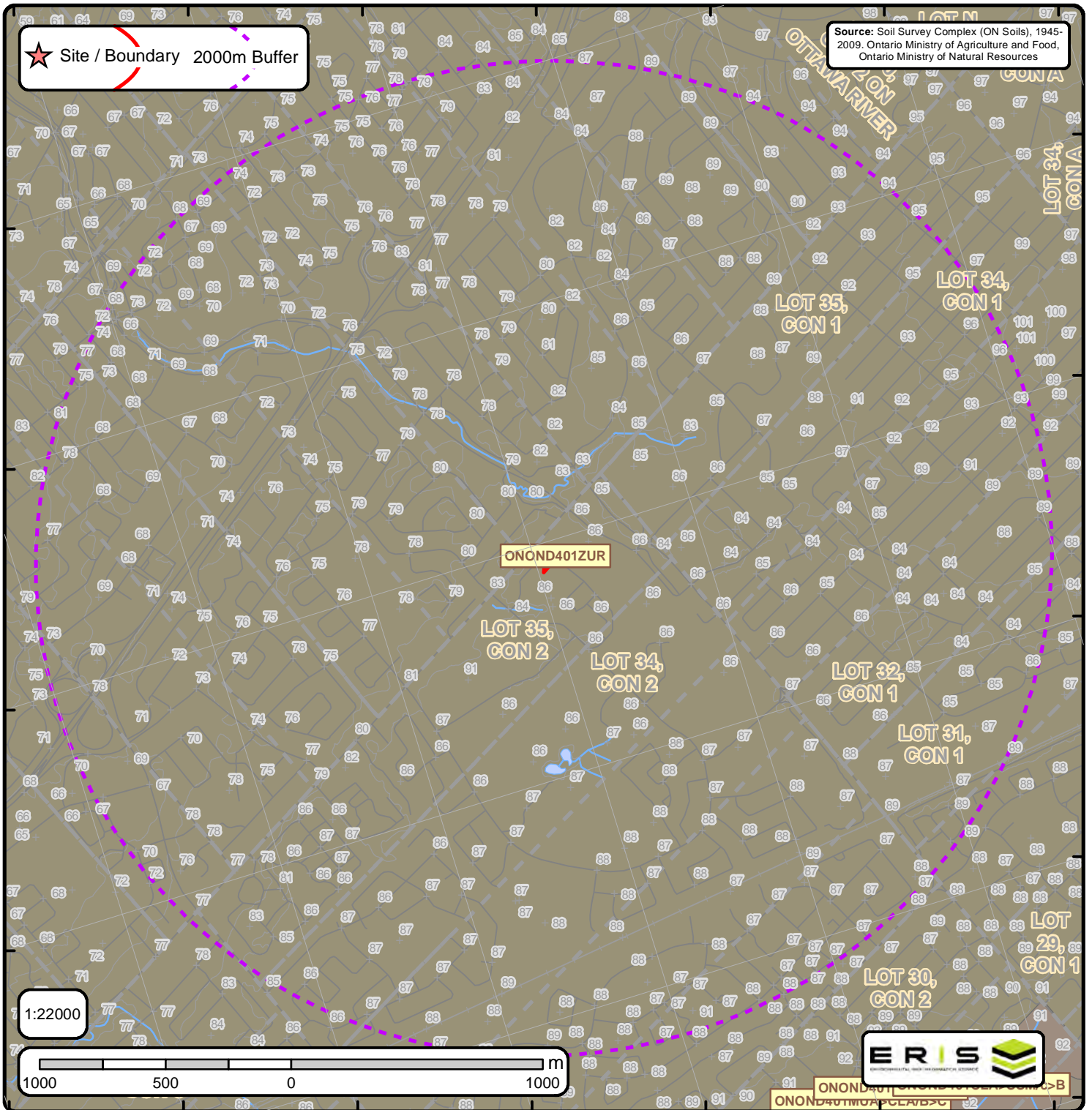


# Physiography of Southern Ontario

Order No. 20160822019

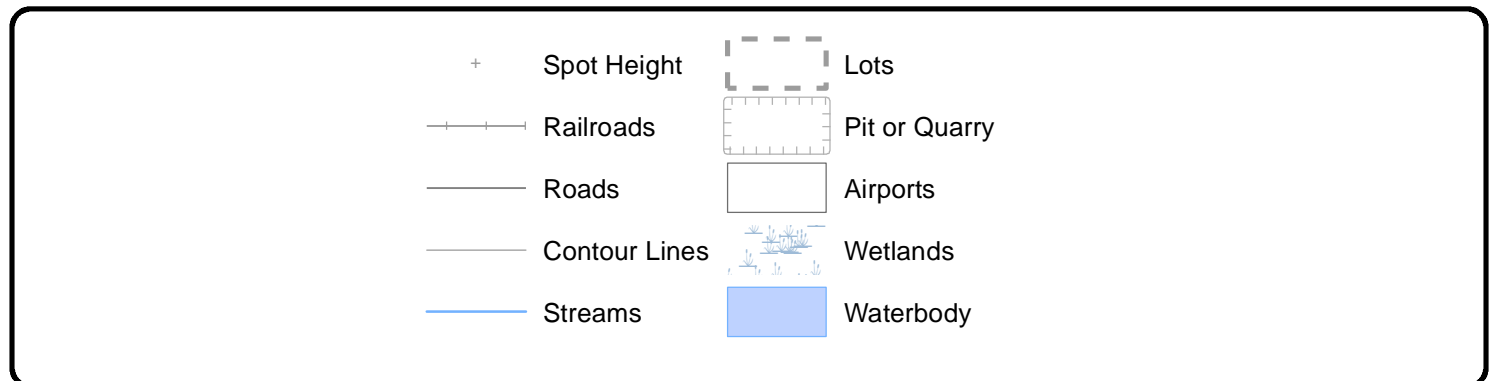


75°47'W 75°46'30"W 75°46'W 75°45'30"W 75°45'W 75°44'30"W 75°44'W



# Soil Survey Complex (ON Soils)

Order No. 20160822019





# Soils Report

Soil Map Units Found within 2000 m of  
2140 Baseline Rd, Ottawa, ON, K2C0C8

Page 1  
Order ID:  
20160822019



**Map Unit:** ONOND401ZUR **Soil Complex:** 1 of 1 **Area (sq m):** 74238600.0

**Soil Type:** ONZUR\_\_\_ | **Percent:** 100 | **Code:** ZUR | **Name:** URBAN | **Symbol:** ZUR | **Parent Material:** | **Landscape:** | **Slope:** -  
9.000000 | **Class:** | **Range:** | **Stoniness:** | **CLI:** | **CLI1:** | **CLI2:** | **Survey:** OTTAWA CARLETON | **Drainage:** | **Hydro:** |  
**Texture:** | **Modifier:** \_\_\_\_



# Soils Report Metadata

## Soil Survey Complex (ON Soils)

ONTARIO MINISTRY OF AGRICULTURE AND FOOD  
MINISTRY OF NATURAL RESOURCES  
1945-2009



**Map Unit** - The SOIL MAPUNIT is the basic element of an applied soil classification resulting from detailed soil surveys. Soil Map unit is comprised of one or more soil survey polygons. The MAPUNIT field was generated for each polygon by appending the PROVINCE and NSDB-ID codes with the MAP UNIT symbol that identified that polygon on the original printed soil map. The MAPUNIT usually encodes meaningful information about the soil type and topography; the same information which is found in the Component table. Within any one survey, a group of polygons with similar properties may be coded with the same MAPUNIT.

**Soil Type** - Identifies a specific soil profile.

**Percent** - Proportion of the area of the Soil Map Unit occupied by a specific soil component, expressed as a percent. For any particular SOIL MAPUNIT, the sum of the individual. Soil Map Unit Component Area values must be equal to 100%.

**Code** - Three letter CANSIS code for identifying soils. **Name** - Textual identifier of the soil. **Symbol** - Soil symbol as found in the soil Mapunit.

**Survey** - Name describing the geographic location where the Soil Survey was completed. Typically the name denotes an administrative boundary of an Upper Tier municipality that occurred at the time of the Soil Survey.

**Slope** - Predominant slope of the landscape expressed as a percent (%). Slope steepness is often referred to by Class.

Class	Range (%)	Terminology
A	0.0 - 0.5	Level
B	0.5 - 2	Nearly level
C	2.0 - 5	Very gentle slopes
D	5.0 - 9	Gentle slopes
E	9.0 - 15	Moderate slopes
F	15 - 30	Strong slopes
G	30 - 45	Very strong slopes
H	45 - 70	Extreme slopes
I	70 - 100	Steep slopes
J	> 100	Very steep slopes

**Stoniness** - Occurrence of surface stoniness

Code
- Not Applicable
0 Non-stony
1 Slightly stony
2 Moderately stony
3 Very stony
4 Exceedingly stony
5 Excessively stony

**Drainage** - Indicates classification of how well the soil drains.

Code
- Not Applicable
VR Very Rapidly
R Rapidly
W Well
MW Moderately Well
I Imperfectly
P Poorly
VP Very Poorly

**Texture** - Describes the soil texture of the A Horizon in the soil profile.

Code
S coarse sand and loamy sand
SL moderately coarse sandy loam
L medium - moderately fine loam
SIL silt loam
CL clay loam
SIC silty clay
C clay
O organic

**CLI** - Classification of soil and land physical and climatic capability for the production of common field crops as part of the Canada Land Inventory (CLI).

Class 1 No significant limitations in use for Crops  
Class 2 moderate limitations on use for crops  
Class 3 moderately severe limitations on use for crops.  
Class 4 Severe limitations on use for crops.  
Class 5 Very severe limitations preclude annual cultivation; improvements feasible.  
Class 6 Natural grazing only; no improvements feasible.  
Class 7 No capability for agriculture.

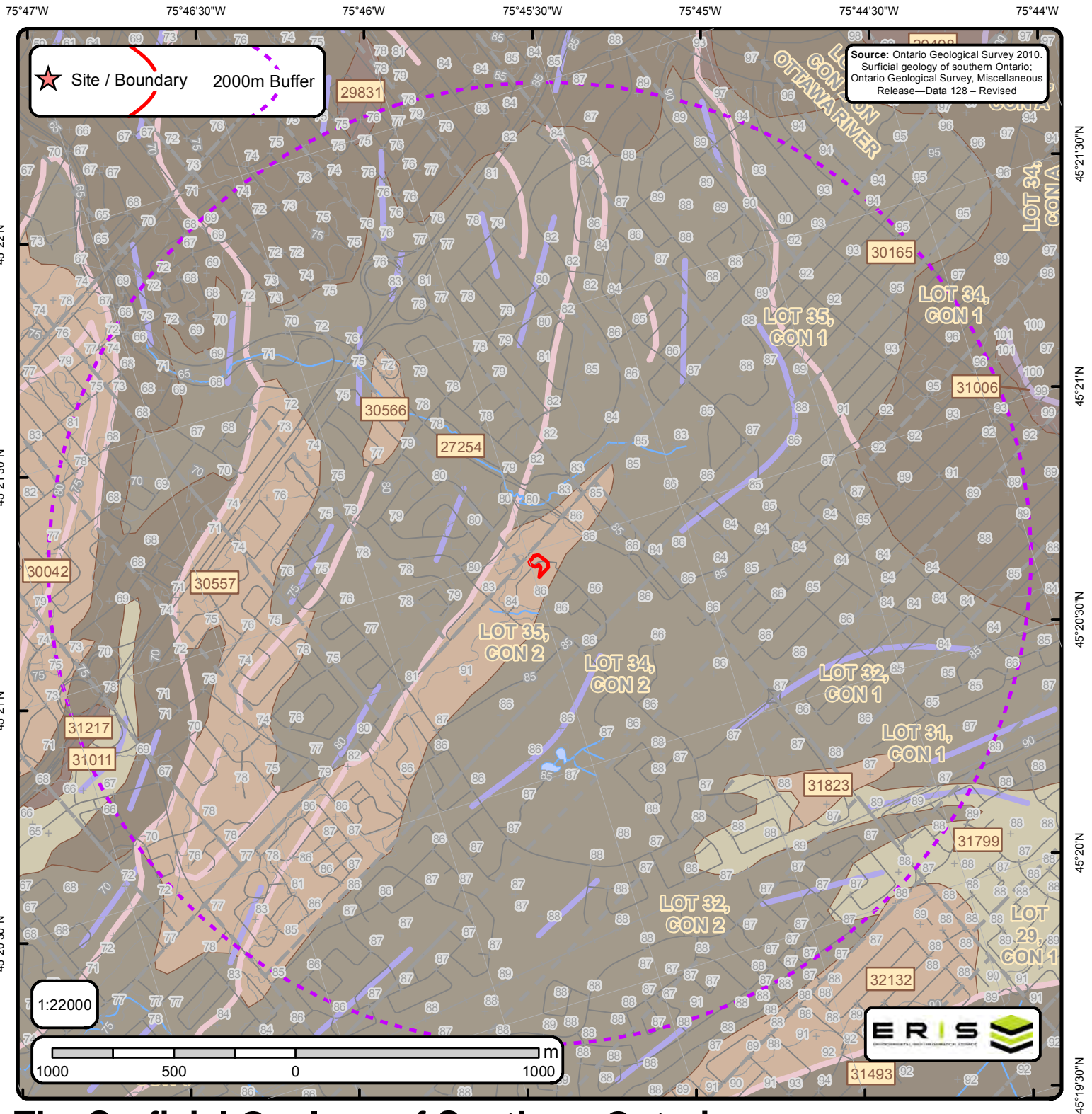
**CLI1 and CLI2** - First and Second CLI (Canada Land Inventory) Limitation Subclass

Subclass C Land subject to crop heat unit regimes of under 2300 (i.e. adverse Climate)  
Subclass D Adverse soil structure (i.e. Depth of rooting zone is restricted)  
Subclass E Loss of soil profile from Erosion  
Subclass F Low inherent soil Fertility  
Subclass I Subject to occasional flooding (Inundation) from adjacent streams or waterbodies  
Subclass M Low inherent Moisture holding capacity  
Subclass P Presence of surface stones > 15 cm diameter.  
Subclass R Presence of consolidated bedrock within one metre of the soil surface  
Subclass S Presence of a combination of the Subclasses F and M, or, the presence of a combination of the Subclasses P and R (i.e. adverse soil characteristics)  
Subclass T Presence of adverse Topography

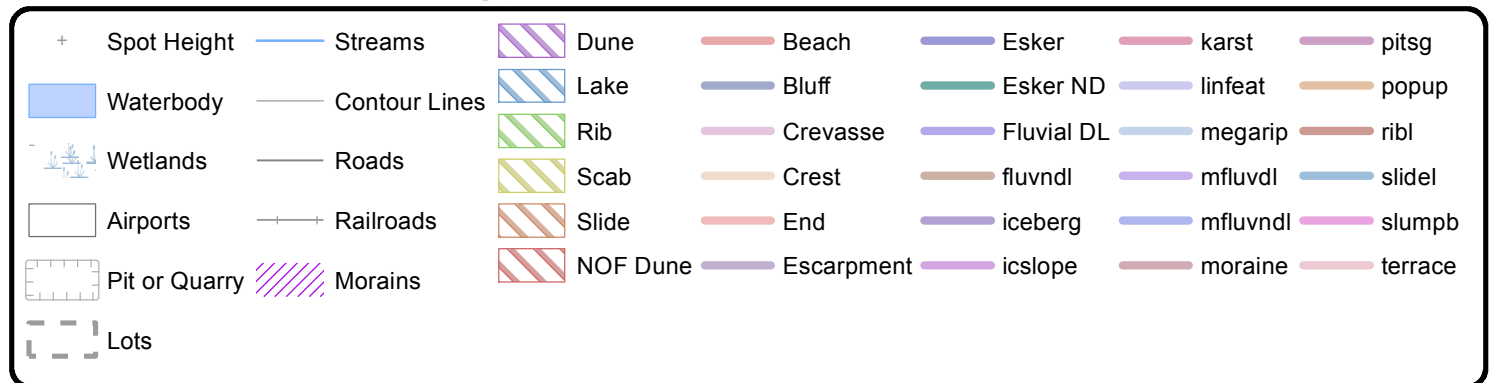
**Hydro** - Hydrological Soil Groups classify soils into 4 groups (A,B,C,and D) according to water run-off and infiltration rates.

A Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel.  
B Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures.  
C Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture.  
D Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material.





# The Surficial Geology of Southern Ontario Order No. 20160822019





# Surface Geology Report

Surface Geology units found within 2000 m of  
2140 Baseline Rd, Ottawa, ON, K2C0C8

Page 1  
Order ID:  
20160822019



## ID: 27094 | 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: 27254 | 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: 29831 | 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: 30042 | 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: 30165 | 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



# Surface Geology Report

Surface Geology units found within 2000 m of  
2140 Baseline Rd, Ottawa, ON, K2C0C8

Page 2  
Order ID:  
20160822019



**ID:** 30557 | **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:** 30566 | **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:** 31011 | **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:** 31217 | **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:** 31799 | **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  
2140 Baseline Rd, Ottawa, ON, K2C0C8

Page 3  
Order ID:  
20160822019



**ID:** 31823 | **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'.

Eco ID	Species Name	Common Name	Last Observed	S Rank	COSQIC MNR Status	
22187	Cypripedium arietinum	Ram's-head Lady's-slipper	1997-PRE	S3		
35471	RESTRICTED	RESTRICTED	1890-07-10			
58961	Gymnocarpium robertianum	Limestone Oak Fern	1941	S2		
59011	Pinus rigida	Pitch Pine	1969-07-23	S2?		
59994	Elatine americana	American Waterwort	1891-09-12	S3		
92746	Lampropeltis triangulum	Milksnake	1948-10-30	S3	SC	SC
103672	Physconia subpallida	Pale-bellied Frost Lichen	1902-05-06	S2	END	END



**SRANK Definition**

<b>SX</b>	<b>Presumed Extirpated</b> —Species or community is believed to be extirpated from the nation or state/province. Not located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered.
<b>SH</b>	<b>Possibly Extirpated (Historical)</b> —Species or community occurred historically in the nation or state/province, and there is some possibility that it may be rediscovered. Its presence may not have been verified in the past 20-40 years. A species or community could become NH or SH without such a 20-40 year delay if the only known occurrences in a nation or state/province were destroyed or if it had been extensively and unsuccessfully looked for. The NH or SH rank is reserved for species or communities for which some effort has been made to relocate occurrences, rather than simply using this status for all elements not known from verified extant occurrences.
<b>S1</b>	<b>Critically Imperiled</b> —Critically imperiled in the nation or state/province because of extreme rarity (often 5 or fewer occurrences) or because of some factor(s) such as very steep declines making it especially vulnerable to extirpation from the state/province.
<b>S2</b>	<b>Imperiled</b> —Imperiled in the nation or state/province because of rarity due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors making it very vulnerable to extirpation from the nation or state/province.
<b>S3</b>	<b>Vulnerable</b> —Vulnerable in the nation or state/province due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation.
<b>S4</b>	<b>Apparently Secure</b> —Uncommon but not rare; some cause for long-term concern due to declines or other factors.
<b>S5</b>	<b>Secure</b> —Common, widespread, and abundant in the nation or state/province.
<b>SNR</b>	<b>Unranked</b> —Nation or state/province conservation status not yet assessed.
<b>SU</b>	<b>Unrankable</b> —Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.
<b>SNA</b>	<b>Not Applicable</b> —A conservation status rank is not applicable because the species is not a suitable target for conservation activities.
<b>S#S#</b>	<b>Range Rank</b> —A numeric range rank (e.g., S2S3) is used to indicate any range of uncertainty about the status of the species or community. Ranges cannot skip more than one rank (e.g., SU is used rather than S1S4).

**Additional older Srankings being replaced in 2006**

**SRANK Definition**

<b>C</b>	<b>Captive/Cultivated</b> ; existing in the province only in a cultivated state; introduced population not yet fully established and self-sustaining.
<b>S?</b>	<b>Not Ranked Yet</b> ; or if following a ranking, Rank Uncertain (e.g. S3?). S? species have not had a rank assigned.
<b>SA</b>	<b>Accidental</b> ; of accidental or casual occurrence in the province; far outside its normal range; some species may occasionally breed in the province.
<b>SAB</b>	<b>Breeding accidental.</b>
<b>SAN</b>	<b>Non-breeding accidental.</b>
<b>SE</b>	<b>Exotic</b> ; not believed to be a native component of Ontario's flora.
<b>SR</b>	<b>Reported for Ontario</b> , but without persuasive documentation which would provide a basis for either accepting or rejecting the report.
<b>SRF</b>	<b>Reported falsely from Ontario.</b>
<b>SX</b>	<b>Apparently extirpated from Ontario</b> , with little likelihood of rediscovery. Typically not seen in the province for many decades, despite searches at known historic sites.
<b>SZ</b>	<b>Not of practical conservation concern</b> inasmuch as there are no clearly definable occurrences; applies to long distance migrants, winter vagrants, and eruptive species, which are too transitory and/or dispersed in their occurrence(s) to be reliably mapped; most such species are non-breeders, however, some may occasionally breed.
<b>SZB</b>	<b>Breeding migrants/vagrants.</b>
<b>SZN</b>	<b>Non-breeding migrants/vagrants.</b>

## Appendix K

### Water Well Records

## Well Computer Print Out Data as of August 24 2016

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TOWNSHIP CONCESSION (LOT)	UTM <sup>1</sup>	DATE <sup>2</sup> CNTR <sup>3</sup>	CASING DIA <sup>4</sup>	WATER <sup>5,6</sup> DETAIL	STAT LVL/PUMP LVL <sup>7</sup> RATE <sup>8</sup> /TIME HR:MIN	WATER USE <sup>9</sup>	SCREEN INFO <sup>10</sup>	WELL # (AUDIT#) WELL TAG # STATE <sup>12</sup> DEPTHS TO WHICH FORMATIONS EXTEND <sup>5,11</sup>
MARCH TOWNSHIP RF 02(035)	18 440264 5022257 W	2001/07 1119	12 08 08	FR 0070	050 / 250 005 / 1:0	NU		1532165 (234287) CLAY SAND BLDR 0048 GREN SNDS 0260
NEPEAN TOWNSHIP RF 01(035)	18 440416 5022122 W	1961/02 3504	06 06	FR 0140	012 / 300 010 / 1:0	CO		1505881 () SILT BLDR 0048 LMSN 0315
NEPEAN TOWNSHIP RF 01(035)	18 440407 5022277 W	2004/07 6032	02			NU	10 15	1535159 (Z05457) A005119 BLCK 0000 GREY SILT CLAY GRVL 0010 GREY SILT GRVL HARD 0025
NEPEAN TOWNSHIP RF 01(035)	18 440416 5022127 W	1961/02 3504	06 06 06	FR 0250	010 / 140 030 / 24:0	CO		1505882 () SILT BLDR 0050 LMSN 0250
NEPEAN TOWNSHIP RF 02(033)	18 440465 5021705 W	2011/02 7417	02			NU		7159535 (Z127039) A
NEPEAN TOWNSHIP RF 02(035)	18 440130 5022021 W	1978/11 1558	06 06	FR 0148 FR 0125	020 / 075 005 / 1:0	DO		1516834 () BRWN CLAY 0017 GREY LMSN LYRD SOFT 0150
NEPEAN TOWNSHIP ( )	18 440510 5022172 W	2016/04 7241	02			TH MO	10 10	7261828 (Z222220) A164296 BLCK ---- GRVL HARD 0001 GREY FILL SAND DNSE 0008 GREY SILT GRVL DNSE 0010 GREY SILT TILL HARD 0020
NEPEAN TOWNSHIP ( )	18 440507 5022396 W	2016/04 7241	02			TH MO	17 10	7261829 (Z222216) A164295 BLCK ---- GRVL HARD 0001 GREY GRVL SAND DNSE 0015 GREY GRVL SAND LOOS 0020 GREY SILT SAND SOFT 0027
OTTAWA CITY ( )	18 440161 5022502 W	1954/04 3718	04 04	FR 0049	026 / 030 / :0	DO		1509078 () CLAY 0029 GRVL 0031 LMSN 0049 LMSN SHLE 0053 LMSN 0160
OTTAWA CITY ( )	18 440351 5022387 W	1961/07 1802	06 06	FR 0150	030 / 100 002 / 1:0	CO		1507889 () BLUE CLAY 0032 BLCK SHLE 0272
OTTAWA CITY ( )	18 439976 5022162 W	1953/03 3718	04 04	FR 0100 FR 0071 FR 0050	030 / 040 003 / 0:30	DO		1507865 () GREY LOAM CLAY 0033 LMSN 0113 LMSN SHLE 0179
OTTAWA CITY ( )	18 440501 5022382 W	1960/04 3601	06 06	FR 0145	022 / 032 005 / 1:0	DO ST		1507887 () CLAY 0047 LMSN 0145

## Well Computer Print Out Data as of August 24 2016

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TOWNSHIP CONCESSION (LOT)	UTM <sup>1</sup>	DATE <sup>2</sup> CNTR <sup>3</sup>	CASING DIA <sup>4</sup>	WATER <sup>5,6</sup> DETAIL	STAT LVL/PUMP LVL <sup>7</sup> RATE <sup>8</sup> /TIME HR:MIN	WATER USE <sup>9</sup>	SCREEN INFO <sup>10</sup>	WELL # (AUDIT#) WELL TAG # STATE <sup>12</sup> DEPTHS TO WHICH FORMATIONS EXTEND <sup>5,11</sup>
OTTAWA CITY ( )	18 440136 5022572 W	1953/07 3566	04 04	FR 0080 FR 0127	012 / 027 006 / 1:0	DO		1509070 ( ) CLAY BLDR 0019 LMSN 0127
OTTAWA CITY ( )	18 440131 5022582 W	1954/06 3718	04 04	FR 0060	023 / 027 005 / :0	DO		1509080 ( ) CLAY 0022 LMSN 0059 LMSN SHLE 0098 SNDS SHLE 0124 LMSN 0161
OTTAWA CITY ( )	18 440231 5022332 W	1959/07 1802	06 06	FR 0090	035 / 080 008 / 2:0	PS		1509083 ( ) CLAY 0022 MSND BLDR 0050 LMSN 0097
OTTAWA CITY ( )	18 439551 5021902 W	1956/12 3114	04 04	FR 0134	050 / 050 007 / 0:30	DO		1507884 ( ) PRDG 0019 CLAY 0051 MSND 0052 GREY LMSN 0134
OTTAWA CITY ( )	18 440096 5022222 W	1951/11 3718	04 04	FR 0065 FR 0100 FR 0050 FR 0117	040 / 040 003 / 1:0	DO		1507860 ( ) BLUE CLAY 0040 BLUE LMSN 0117
OTTAWA CITY ( )	18 440235 5022332 W	6894						7189220 (M05030) P
OTTAWA CITY ( )	18 440191 5022432 W	1955/11 3566	04 04	FR 0110	030 / 034 005 / 1:30	DO		1509082 ( ) CLAY 0032 LMSN 0110
OTTAWA CITY ( )	18 440151 5022542 W	1954/05 3718	04 04	FR 0059	015 / 020 / :0	DO		1509079 ( ) CLAY 0021 LMSN 0059 LMSN SHLE 0109 LMSN 0160

## Notes:

1. UTM in Zone, Easting, Northing and Datum is NAD83; L: UTM estimated from Centroid of Lot; W: UTM not from Lot Centroid
2. Date Work Completed
3. Well Contractor Licence Number
4. Casing diameter in inches
5. Unit of Depth in Feet
6. See Table 4 for Meaning of Code
7. STAT LVL: Static Water Level in Feet ; PUMP LVL: Water Level After Pumping in Feet
8. Pump Test Rate in GPM, Pump Test Duration in Hour : Minutes
9. See Table 3 for Meaning of Code
10. Screen Depth and Length in feet
11. See Table 1 and 2 for Meaning of Code
12. A: Abandonment; P: Partial Data Entry Only

1. Core Material and Descriptive terms											
Code	Description	...	Code	Description	...	Code	Description	...	Code	Description	...
BLDR	BOULDERS		FCRD	FRACTURED		IRFM	IRON FORMATION		PORS	POROUS	
BSLT	BASALT		FGRD	FINE-GRAINED		LIMY	LIMY		PRDG	PREVIOUSLY DUG	
CGRD	COARSE-GRAINED		FGVL	FINE GRAVEL		LMSN	LIMESTONE		PRDR	PREV. DRILLED	
CGVL	COARSE GRAVEL		FILL	FILL		LOAM	TOPSOIL		QRTZ	QUARTZITE	
CHRT	CHERT		FLDS	FELDSPAR		LOOS	LOOSE		QSND	QUICKSAND	
CLAY	CLAY		FLNT	FLINT		LTCL	LIGHT-COLOURED		QTZ	QUARTZ	
CLN	CLEAN		FOSS	FOSILIFEROUS		LYRD	LAYERED		ROCK	ROCK	
CLYY	CLAYEY		FSND	FINE SAND		MARL	MARL		SAND	SAND	
CMTD	CEMENTED		GNIS	GNEISS		MGRD	MEDIUM-GRAINED		SHLE	SHALE	
CONG	CONGLOMERATE		GRNT	GRANITE		MGVL	MEDIUM GRAVEL		SHLY	SHALY	
CRYS	CRYSTALLINE		GRSN	GREENSTONE		MRBL	MARBLE		SHRP	SHARP	
CSND	COARSE SAND		GRVL	GRAVEL		MSND	MEDIUM SAND		SHST	SCHIST	
DKCL	DARK-COLOURED		GRWK	GREYWACKE		MUCK	MUCK		SILT	SILT	
DLMT	DOLOMITE		GVLY	GRAVELLY		OBDN	OVERBURDEN		SLTE	SLATE	
DNSE	DENSE		GYPS	GYPSUM		PCKD	PACKED		SLTY	SILTY	
DRTY	DIRTY		HARD	HARD		PEAT	PEAT		SNDS	SANDSTONE	
DRY	DRY		HPAN	HARDPAN		PGVL	PEA GRAVEL		SNDY	SANDY	

2. Core Color	
Code	Description
WHIT	WHITE
GREY	GREY
BLUE	BLUE
GREN	GREEN
YLLW	YELLOW
BRWN	BROWN
RED	RED
BLCK	BLACK
BLGY	BLUE-GREY

3. Water Use			
Code	Description	Code	Description
DO	Domestic	OT	Other
ST	Livestock	TH	Test Hole
IR	Irrigation	DE	Dewatering
IN	Industrial	MO	Monitoring
CO	Commercial	MT	Monitoring & Test Hole
MN	Municipal		
PS	Public		
AC	Cooling And A/C		
NU	Not Used		

4. Water Detail			
Code	Description	Code	Description
FR	Fresh	GS	Gas
SA	Salty	IR	Iron
SU	Sulphur		
MN	Mineral		
UK	Unknown		





## Appendix L

### Site Photographs





Photo 1: View of site, looking southeast



Photo 2: View of site, including trees in northeast corner of site, looking north.





Photo 3: View of pedestrian dirt (trespasser) path across south portion of site, looking west.



Photo 4: View of stressed trees in north portion of site, looking southwest.





Photo 5: View of dead tree in northeast corner of site, looking north along east boundary.



Photo 6: View of irrigation cover, near west portion of site.





Photo 7: View of exposed concrete (1 of 2 areas) on the site, in northeast portion of site.



Photo 8: View of exposed concrete (2 of 2 areas) on the site, in northeast portion of site.





Photo 9: Looking east, view of site with building at 2 Constellation Drive beyond.



Photo 10: Looking south, view of Gemini Way with sport fields and Sir Guy Carleton Secondary School beyond.



Photo 11: Looking north, view of Baseline Road and Constellation Drive intersection with multi tenant residences beyond.



Photo 12: Looking west, view of parking lot and building at 1 Centrepoin Drive.





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