

# PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

774 BRONSON AVENUE AND  
557 CAMBRIDGE STREET SOUTH,  
OTTAWA, ONTARIO

**Textbook Student Suites**

**Project No: 151-13503-00**

**Date: December 2015**

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December 28, 2015

Fraser Smith  
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**Subject: Phase 1 Environmental Site Assessment  
774 Bronson Avenue and 557 Cambridge Street South  
Ottawa, Ontario  
Project No. 151-13503-00**

Dear Mr. Smith,

We are pleased to forward our Phase 1 Environmental Site Assessment (ESA) report for the above-noted property. The assessment was carried out in accordance with O. Reg. 153/04 (last amendment: O. Reg. 269/11).

The report provides site information from inspections, records reviews, interviews, and our conclusions for your consideration.

Thank you for the opportunity to be of service on this project. We trust that this report will be satisfactory for your current needs. If you have any questions or require further information, please contact our office at your convenience.

Yours truly,  
**WSP Canada Inc.**

A handwritten signature in black ink, appearing to read "Philip Romeril".

Philip Romeril, P. Eng., QP<sub>ESA</sub>  
Senior Environmental Engineer

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# APPENDICES

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# 1 EXECUTIVE SUMMARY

WSP Canada Inc. (WSP) was retained to conduct a Phase 1 Environmental Site Assessment (ESA) of the Phase 1 Property is comprised of two adjacent properties with municipal addresses of 774 Bronson Avenue and 557 Cambridge Street South in Ottawa, Ontario. The objective of the assessment was to determine any real or potential environmental liabilities associated with the Phase 1 Property through the completion of a historical records review, site reconnaissance and interviews. The results of this Phase 1 ESA are documented in this report and reflect site conditions observed at the time of the site reconnaissance.

Based on information obtained as part of the Phase 1 ESA records search, site reconnaissance and interview process, the following findings are presented:

- The inferred shallow groundwater flow direction is southwesterly.
- The Phase 1 Property is currently empty except for two unoccupied office trailers located adjacent to the Bronson Avenue. These two adjacent trailers appeared to have been used as a model home sales office (approximately 65 m<sup>2</sup>) and a construction office (approximately 16 m<sup>2</sup>).
- Surficial geology is absent in the vicinity of the Phase 1 Property with limestone bedrock of the Verulam Formation anticipated at surface.
- The Phase 1 Property was first developed prior to 1928 with residential use on 744 Bronson Avenue portion. Various commercial businesses including a contractor business with lumber storage have existed on the Cambridge Street South portion.

Several potentially contaminating activities (PCAs) were identified on-Property and within the Phase 1 Study Area (P1SA). Those activities that were deemed to be contributing to an area of potential environmental concern (APEC) for the Phase 1 Property are summarized below:

POTENTIALLY CONTAMINATING ACTIVITY	OBSERVATIONS
30. Importation of Fill Material of Unknown Quality	<u><b>On-Property</b></u> – Fill of unknown origin on site. APEC #1
59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	<u><b>On-Property</b></u> – Western portion of Site for historical wood treating. APEC #2
28. Gasoline and Associated Products Storage in Fixed Tanks	<u><b>On-Property</b></u> – Records review identified historical fuel oil used for heating of former building. PHCs in the F3 and F4 ranges detected in groundwater. Since location of these former tanks is not known the whole Phase 1 Property should be considered as APEC #3 <u><b>P1SA</b></u> – Records review identified historical fuel oil used for heating on was a gasoline station with USTs, pump island and associated piping contributes to APEC #3 on the east end of the Phase 1 Property
37. Operation of Dry Cleaning Equipment (where chemicals are used)	<u><b>P1SA</b></u> – Adjacent historic dry cleaning business. –southeast corner of the Phase 1 Property. APEC #4

The following areas of potential environmental concern and associated contaminants of concern were identified on the Site:

ENVIRONMENTAL CONCERN	LOCATION	AREA OF CONCERN	CONTAMINANTS OF CONCERN	MEDIA	RISK LEVEL
Fill material APEC #1	On-Property	Whole Property.	BTEX, PHCs, PAHs, M&I	Soil	High - lead and mercury impacts already detected in fill material plus fill from the historical development and recent building demolition.
Historic wood treating APEC #2	On-Property	West end	M&I, As, Cr (VI) Hg, PAHs	GW & Soil	Moderate-fractured bedrock with large hydraulic conductivity.
Historic gasoline station with USTs and associated equipment APEC #3	Off-Property On-Property	Eastern end Whole Property	BTEX, PHCs, PAHs, M&I	GW & Soil	High – PHC impacts already detected in fractured bedrock with large hydraulic conductivity
Dry cleaning operations APEC #4	Off-Property	Southeast portion	BTEX, PHCs, VOCs, PAHs	GW & Soil	Moderate to high-fractured bedrock with large hydraulic conductivity

Notes:

BTEX – Benzene, Toluene, Ethylbenzene, and Xylenes  
 GW – Groundwater  
 PHCs – Petroleum Hydrocarbons  
 VOCs – Volatile Organic Compounds  
 PAHs - Polycyclic Aromatic Hydrocarbons  
 M&I – Metals and Inorganics  
 As – Arsenic  
 Hg – Mercury  
 Cr (VI) – Chromium (hexavalent)

Based on information obtained as part of the Phase 1 ESA, it is concluded that there are environmental concerns at the Phase 1 Property related to soil and/or groundwater quality that warrant further assessment. A record of site condition (RSC) cannot be filed based upon this Phase 1 ESA alone.

The ESA findings are subject to the limitations and qualifiers included as Section 8.2 of this report.

## 2 INTRODUCTION

WSP Canada Inc. (WSP) was retained to conduct a Phase 1 Environmental Site Assessment (ESA) of the Phase 1 Property is comprised of two properties with the municipal addresses of 774 Bronson Avenue and 557 Cambridge Street South in Ottawa, Ontario, hereinto referred to as the 'Phase 1 Property'. The Phase 1 Property is located on the west side of Bronson Avenue and on the east side of Cambridge Street South in a mixed commercial and residential area in the Glebe-Dows Lake area. The Phase 1 Property is rectangular in shape and approximately 0.4 hectares (0.9 acres) in area. The Phase 1 Property is currently empty except for two trailers located adjacent to the Bronson Avenue. These two adjacent trailers appeared to be a former model home sale office (approximately 65 m<sup>2</sup>) and a construction office (approximately 16 m<sup>2</sup>). A site location map is provided as **Figure 1**.

The site plan showing the limits of the Phase 1 Property is presented on **Figure 2**.

### 2.1 PHASE 1 PROPERTY INFORMATION

Property information for the Phase 1 Property is provided in the table below.

**Table 2-1 Property Information**

CRITERIA	PHASE 1 PROPERTY INFORMATION
Current Site Owner	Samcon Cambridge Inc.
Phase 1 Representative	Mr. Fraser Smith Assistant Vice President Textbook Suites Inc. 51-A Caldari Road, Unit 1M Concord, ON L4K 4G3 Tel: 416-477-7744 x 238 Email: fraser@textbooksuites.com
Municipal Addresses	774 Bronson Avenues and 557 Cambridge Street South, Ottawa, Ontario
Property Identification Numbers (PINs)	04103-0125 (LT) and 04103-0215 (LT)
Legal Descriptions	Lots 3 and 4 Plan 28 and Lot 37, Part Lot 38, Plan 28 designated as Part 4, 5R14360

## 3 SCOPE OF WORK

The purpose of the assessment was to:

- Assess the actual or potential environmental liabilities;
- Characterize any liabilities of environmental concern;
- Assess environmental risks;
- Provide a basis for subsequent investigations of this Property based on the Phase 1 ESA findings.

As such, the objective of the assignment was:

- To undertake a Phase 1 ESA for the Phase 1 Property in accordance with O. Reg. 153/04 (last amendment: O. Reg. 269/11).

The scope of this investigation includes:

- Records Review
- Interviews (& Correspondence)
- Site Reconnaissance

## 4 RECORDS REVIEW

Below is a summary of the records review undertaken by WSP as part of this Phase 1 ESA.

The records review provides information regarding the physical setting, history of development, and land use in connection with the Phase 1 Property and adjacent properties. Searches of databases and records not included in the EcoLOG ERIS report were conducted specifically for the subject Phase 1 Property. Information sources are summarized in **Table 4-1** below. An EcoLOG ERIS report was obtained for the subject Property and lands within a 250 m radius (i.e., the Phase 1 Study Area (P1SA)) and this information has been summarized in **Table 4-2** and a copy of the EcoLOG ERIS report is provided in **Appendix A**.

**Table 4-1 Summary of General Records Review**

SOURCE	RECORDS REVIEW RESULT
(i) Phase 1 Study Area Determination	The Phase 1 study area for this undertaking included properties wholly, or partly, within 250 m of the Property boundaries. Properties wholly beyond 250 m of the boundary were not considered due to the low potential for them to cause an adverse environmental impact.
(ii) First Developed Use Determination	The first developed use of the Phase 1 Property was determined by a review of a historical chain of title search and aerial photographs. The chain of title indicates that this Property was transferred from The Crown to a private individual in 1801. The historic building on the east side of the Phase 1 Property (774 Bronson Avenue) were first noted on the 1933 aerial photograph. It is inferred that the first development was before 1933.
(iii) Fire Insurance Plans (FIPs)	<p>The available Fire Insurance Plans for 1912 and 1963 were reviewed in order to identify the occupancy history of the Phase 1 Property, and properties within the P1SA. A copy of these two FIPs can be found in <b>Appendix E</b>.</p> <p>Based on the FIP review, the following pertinent information was noted:</p> <p>1912</p> <ul style="list-style-type: none"> <li>▪ The west side of the Phase 1 Property is undeveloped.</li> <li>▪ The east side of the Phase 1 Property contains a large building in the middle of the property (774 Bronson Avenue) and a small building along the north property line.</li> <li>▪ The northeast adjacent property (770 Bronson Avenue) appears to be undeveloped.</li> <li>▪ A storage yard (with designated piling area's - lumber) called 'Fraserfield Yard, R. Booth' is located on the east side of Cambridge Street South (Identified as 'Turner' in the FIP). The storage yard extends north of Carling Avenue, along the west side of Lebreton Street.</li> <li>▪ Another storage yard is located approximately 220 m north of the subject Property, just north of Powell Street.</li> <li>▪ The southeast adjacent property contains a building along the north property line.</li> <li>▪ The southwest adjacent property is undeveloped.</li> <li>▪ The northwest adjacent property has two (2) small buildings in the centre of the property.</li> <li>▪ The northeast adjacent property is undeveloped.</li> </ul>

**SOURCE**

**RECORDS REVIEW RESULT**

	<p>1963</p> <ul style="list-style-type: none"> <li>▪ The west side of the Phase 1 Property contains a large 'C' shaped building identified as 'G.A. Crain &amp; Sons Ltd. Contractors'. The property is identified as 551, 553 and 555 Cambridge Street South. Lumber storage is identified on the north side of the property.</li> <li>▪ The east side of the property contains three (3) buildings that are identified as containing the addresses of 772, 774, 774 ½, 776, 776 ½, 778, and 780 Bronson Avenue.</li> <li>▪ The northeast adjacent property located at 770 Bronson Avenue is identified as a Gasoline Service Station containing three USTs.</li> <li>▪ The southwest adjacent property (identified as 581 Cambridge Street South) contains lumber storage along the north property line with a Planing mill in the centre of the property. 'MacDonnell &amp; Conveyers Limited, Power &amp; Light Elec.' is also identified on the eastern portion of the Phase 1 Property.</li> <li>▪ 788 Bronson Avenue (located approximately 20 m south of the Phase 1 Property) has a large building with multiple tenants, one of which is identified as a Dry Cleaner.</li> <li>▪ A gasoline service centre containing three (3) USTs is located at 745 LeBreton Street (on the corner of Carling Avenue and LeBreton Street) approximately 220 m northwest of the Phase 1 Property.</li> <li>▪ The property located at 400 Bell Street South (between the intersections of Carling Avenue and Bell Street South and LeBreton Street) is identified as 'Federal District Commission' and contains a Machine shop on the southeast corner of the Site as well as a UST on the mid-east section of the property. This property is located approximately 120 m northwest of the Site.</li> </ul>																																																
<p>(iv) Chain of Title</p>	<p>WSP retained EcoLOG Eris to conduct a title search. The Phase 1 Property is comprised of two properties 774 Bronson Avenue and 557 Cambridge Street. The title search documents are included in <b>Appendix B</b>.</p> <p><b>774 BRONSON AVENUE</b></p> <table border="1"> <thead> <tr> <th>TIME PERIOD</th> <th>SITE OWNER</th> </tr> </thead> <tbody> <tr><td>Pre-1801</td><td>The Crown</td></tr> <tr><td>1801-1831</td><td>C. Wallerer</td></tr> <tr><td>1831-1865</td><td>R.D. Fraser</td></tr> <tr><td>1865-1871</td><td>James Desnoyes</td></tr> <tr><td>1871-1872</td><td>John Keefer</td></tr> <tr><td>1872- 1889</td><td>Michael Doan</td></tr> <tr><td>1889-1910</td><td>Patrick Shuhan</td></tr> <tr><td>1910-1910</td><td>George Pennock</td></tr> <tr><td>1910-1911</td><td>Murdock Beaton</td></tr> <tr><td>1911-1919</td><td>George Little</td></tr> <tr><td>1919-1924</td><td>Alexander Mackay</td></tr> <tr><td>1924-1925</td><td>Shaw Bread Company Limited</td></tr> <tr><td>1925-1930</td><td>Canada Bread Company Limited</td></tr> <tr><td>1930-1930</td><td>Ottawa Upholstered Furniture Ltd.</td></tr> <tr><td>1930-1936</td><td>Canada Bread Company Limited</td></tr> <tr><td>1936-1978</td><td>Ambassador Realty Inc.</td></tr> <tr><td>1978-1989</td><td>The Professional Institute of the Public Service of Canada</td></tr> <tr><td>1989-2012</td><td>Crainplan Limited</td></tr> <tr><td>2012-present</td><td>Samcon Cambridge Inc.</td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </tbody> </table>	TIME PERIOD	SITE OWNER	Pre-1801	The Crown	1801-1831	C. Wallerer	1831-1865	R.D. Fraser	1865-1871	James Desnoyes	1871-1872	John Keefer	1872- 1889	Michael Doan	1889-1910	Patrick Shuhan	1910-1910	George Pennock	1910-1911	Murdock Beaton	1911-1919	George Little	1919-1924	Alexander Mackay	1924-1925	Shaw Bread Company Limited	1925-1930	Canada Bread Company Limited	1930-1930	Ottawa Upholstered Furniture Ltd.	1930-1936	Canada Bread Company Limited	1936-1978	Ambassador Realty Inc.	1978-1989	The Professional Institute of the Public Service of Canada	1989-2012	Crainplan Limited	2012-present	Samcon Cambridge Inc.								
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(v) Environmental Reports	<p>Updated Geotechnical Study dated November 2015 prepared for SRM Architects Inc. by WSP includes data produced by Genivar (predecessor to WSP) in a report issued in January 2012.</p> <p>Five boreholes were advanced with two being augered to refusal on bedrock and three being cored into the bedrock for the installation of monitoring wells to a maximum depth of 4.7 m below ground surface (mbgs).</p> <p>The soils consisted of fill materials comprised of one or more of the following materials: sand, gravel, sandy silt, construction debris. Bedrock was encountered about 1 mbgs except at one location where fill materials extended to 2.2 mbgs. The bedrock rock quality designation (RQD) values were generally poor to very in to a depth of approximately 3 mbgs.</p> <p>Groundwater was encountered from 1.9 to 2.3 mbgs or within the fractured bedrock on December 12, 2011.</p> <p>The limited soil and groundwater analytical results from December 2011 indicated exceedances of the 2011 MOE Table 7 Site Condition Standards for lead and mercury in soil and petroleum hydrocarbons in the F3 and F4 fractions in groundwater in two monitoring wells (i.e. FG-1 and FG-3).</p>																																						
(vi) Vernon City Directories	<p>The available City of Ottawa Directories for 2000, 1988/89, 1980, 1970, 1960, 1950, 1940, 1930, 1920 and 1910 were reviewed at Library and Archives Canada in order to identify the occupancy history of the Phase 1 Property, and properties within the P1SA.</p> <p>Based on the street directory review, the following pertinent information was noted:</p> <ul style="list-style-type: none"> <li>▪ The east and west sides of the Phase 1 Property (774 Bronson Avenue and 551 Cambridge Street South) were not listed in the City directories on or before 1920.</li> <li>▪ 774 Bronson Street was listed as being residential from 1930 to 1980. A music studio occupied the Site in 1940 and 1988/89. A company called 'Perspective Computer Systems Inc.' occupied the Site in 1988/89.</li> <li>▪ 784 Bronson Avenue is listed as a photo finisher/print shop from 1950-1960, and CU Copy in 2000.</li> <li>▪ 551 Cambridge Street South was listed as residential from 1930-1940. It was not listed in 1940. A company called 'Standard Brands Ltd. Food mfrs' occupied the subject Property from 1960-1970. 'Atiba Enterprise Ltd.' occupied the Site in 1980, followed by 'Cambridge Family Medicine Centre',</li> </ul>																																						

SOURCE	RECORDS REVIEW RESULT
	<p>'Marbeau Enterprises Ltd.' And 'Beaudoin Enterprises Ltd.' In 1988/89. The Site was listed as 'Windsor Home Cleaning and Residential' in 2000.</p> <ul style="list-style-type: none"> <li>▪ 549 Cambridge Street South, which is suspected to have been part of the north side of the subject Property was listed as 'Black and McDonald' from 1980-1988/89.</li> <li>▪ The northeast adjacent property located at 770 Bronson Avenue was listed as 'Cities Service Co./Nesbitt Geo D Serv Stn', 'Cities Service Oil Co. Ltd./Steeles Service Station', 'Steeles Bob BP Serv Station', 'Emilio's Petro-Canada Service Station', and 'Emilio Linda Enterprises Ltd.' From 1950 to 2000. A business called 'Nesbitt Geo D Auto Garage' was identified as being located south of Carling in 1940.</li> <li>▪ The north adjacent property located at 270 Carling Avenue was listed as 'Capital Ostomy Corner Inc. (ostomy supplies)' in 1988/89. In 1980 it was listed as 'Cantu Furniture &amp; Interiors', and in 1970 it was 'Dept of Natl Defense HQ Directorate of Flight Safety'.</li> <li>▪ The northwest adjacent property located at 280 Carling Avenue was listed as residential from 1930-2000.</li> <li>▪ The southwest adjacent property located at 567 Cambridge Street South was listed as 'The King's Daughters Apartments' from 1970-2000.</li> <li>▪ The southeast adjacent property at 786 Bronson Avenue was listed as a social service facility in 2000, a labour union office from 1970-1988/89 followed by residential from 1950-1960.</li> <li>▪ The west adjacent property was listed as a school from 1930-2000.</li> <li>▪ The west adjacent property (1 Fredrick Place) was listed as residential from 1940-2000. The street was not listed in 1930.</li> <li>▪ The property listed at 299 Carling Avenue (120 metres northwest of the Phase 1 Property) was listed as Energy Mines &amp; Resources Geologic Survey of Canada from 1980-1988/89.</li> <li>▪ 788 Bronson Avenue (located 20 m south of the Phase 1 Property) is listed as 'Langley's Clnrs' from 1940-1970. 'Canadian Press Steel Works Freeth Chas w cabt mkr' is listed as having occupied the property in 1930.</li> <li>▪ 790 Bronson Avenue (located 30 m south of the Site) is listed as 'Macdonell &amp; Conyers Lumber Co. Ltd.' From 1950-1960</li> </ul> <p>The property located at 387 Bell Street South was listed as an air conditioning and refrigeration company from 1960 to 1988/89. The property is located approximately 160 m north of the Phase 1 Property</p>
(vii) Previous Report(s)	

## 4.1 ENVIRONMENTAL SOURCE INFORMATION

Table 4-2 Summary of Environmental Records

SOURCE	RECORDS REVIEW RESULT
(i) City of Ottawa	The City of Ottawa Zoning By-Law 2008-250 indicates that the zoning for the <b>Site</b> is Commercial (Arterial Mainstreet Zone - AM1[2003] S296). A copy of the zoning map and permitted uses is included in <b>Appendix E</b> .
(ii) EcoLog ERIS Complete Database Report	<p>WSP obtained an EcoLog Environmental Risk Information Service (ERIS) Report for the P1SA. The ERIS report tabulates the results of a search of provincial, federal, and private source databases which are considered relevant in the identification of potential environmental risks associated with the Phase 1 Property.</p> <p>The ERIS Report did not report any records for the subject Property. The ERIS Report also identified 107 records for properties within the P1SA. The ERIS report also identified several records which were "unplottable" but pertained to the P1SA. A copy of the ERIS report is included in <b>Appendix A</b> and the results are summarized below.</p>



SOURCE	RECORDS REVIEW RESULT
(iii) National Pollutant Release Inventory (NPRI)	The ERIS report did not identify any NPRI records on the Phase 1 Property or within the P1SA.
(iv) PCB Inventories	<p>The ERIS report did not identify any PCB Inventory records within the P1SA, except for one record for Energy Mines and Resources located at Terrain Sciences Division 401 Lebreton Street (EcoLog Record 35), approximately 209 m west of the Phase 1 Property.</p> <p>One unplotable report in the ERIS report for Agriculture Canada located at Madwaska and Cow Lane which is outside the P1SA..</p>
(v) Compliance and Convictions	<p>The ERIS report did not identify any compliance or conviction records within the P1SA.</p> <p>One unplotable report in the ERIS report for Taggart Construction Limited for a fine for a violation of the Ontario Water Resources Act due to dewatering activities.</p>
(vi) Ministry of the Environmental Compliance Approval (ECA), Permits To Take Water (PTTW) and Certificates of Property Use (CPU)	<p>The ERIS report did not identify any MOECC ECA, PTTW, or CPU records for the Phase 1 Property. However, there are six certificates of approval within the P1SA, including the following:</p> <ol style="list-style-type: none"> <li>1. One record for Carleton Condominium Corporation No. 472 located at 550 Cambridge Street (EcoLog Record 11), approximately 77 m west to northwest of the Phase 1 Property. The record is for an approval for air.</li> <li>2. One record for Ottawa City located at Second Avenue and Bronson Avenue (EcoLog Record 13), approximately 93 m southeast of the Phase 1 Property. The record is for approval of municipal sewage.</li> <li>3. One record for R.M. of Ottawa-Carlton located at Second Avenue, Bronson Avenue and Bank Street (EcoLog Record 13), approximately 93 m southeast of the Phase 1 Property. The record is for approval of municipal water.</li> <li>4. One record for 1737924 Ontario Inc. located at 804-824 Bronson Avenue (EcoLog Record 16), approximately 139 m southeast of the Phase 1 Property. The record is for approval of municipal and private sewage works.</li> <li>5. One record for R.M. of Ottawa-Carlton located at Clemow Avenue, Bronson Avenue and Bank Street (EcoLog Record 17), approximately 128 m north of the Phase 1 Property. The record is for approval of municipal water.</li> <li>6. One record for Canci Homes Corporation Inc. located at 385 Bell Street (EcoLog Record 23), approximately 188 m northwest of the Phase 1 Property. The record is for approval of municipal and private sewage works.</li> </ol> <p>25 unplotable reports in the ERIS report were for Certificates of Approval issued for industrial sewage works, municipal and private sewage works, municipal water and discharge to air.</p> <p>Two unplotable PTTW was listed in the ERIS report for AECON Construction and Material Limited and Taggart Construction Limited.</p>
(vii) Inventory of Coal Gasification Plants	A search of Coal Gasification Plants from EcoLog ERIS did not report any records within the P1SA.
(viii) Records of Environmental Incidents, Orders, Offences, Spills, Discharges of Contaminants or Inspections	<p>The ERIS report did not identify any incidents, spills, discharges of contaminants or inspections on the Phase 1 Property. However within the P1SA there were: records of spills; TSSA pipeline incidents; and historic TSSA incidents:</p> <p>One record for Ottawa Hydro located at the corner of Carling and Bronson (EcoLog Record 8), approximately 54 m northeast of the Phase 1 Property. Incident date was 10/2/1991, for 14 L of non-PCB transformer oil to ground and storm sewer from a cooling system lead. Environmental Impacts were not anticipated.</p> <p>One record located at the corner of Carling and Bronson (EcoLog Record 8), approximately 54 m northeast of the Phase 1 Property. Incident date was 10/26/2003, for 1 L of gasoline to sewers. Environmental Impacts were listed as possible.</p>

## SOURCE

## RECORDS REVIEW RESULT

One record located at 7 Frederic Place (EcoLog Record 12), approximately 71 m west to southwest of the Phase 1 Property. A 25 mm (1") diameter heating fuel pipeline was hit.

One record for First Fuel located at 812 Bronson (EcoLog Record 15), approximately 110 m southeast of Phase 1 Property. Incident date was 1/22/1991, for 50 L leak of furnace oil to the street due to equipment failure. Environmental impacts were listed as possible.

One record located at 407 3<sup>rd</sup> Avenue (EcoLog Record 22), approximately 171 m east to southeast of the Phase 1 Property. Occurrence date was 10/31/2008 for a natural gas pipeline strike at a construction site.

One record located at 418 3<sup>rd</sup> Avenue (EcoLog Record 25), approximately 201 m southeast of the Phase 1 Property. Occurrence date was 10/22/2008 for a natural gas pipeline strike at a construction site.

One record for PUC located at 326 Powell Street (EcoLog Record 27), approximately 208 m northwest of the Phase 1 Property. Incident date was 5/29/1988 for 53 L of transformer oil (chlorin-oil test negative) to ground due to transportation accident.

One record located at 315 Powell Avenue (EcoLog Record 34), approximately 238 m north to northwest of the Phase 1 Property. MOE reported date was 8/10/2010 for 30 L of hydraulic oil spill to the street due to pipe of hose leak. Environmental impacts were not anticipated.

One record for Hydro-Ottawa located at 272 Powell Street (EcoLog Record 28), approximately 203 m north of the Phase 1 Property. Incident date was 6/10/2003 for unknown amount of transformer oil to ground. Environmental impacts were not anticipated.

One record located at 408 3<sup>rd</sup> Avenue (EcoLog Record 32), approximately 215 m east to southeast of the Phase 1 Property. Occurrence date was 10/17/2008 for a natural gas pipeline strike at a construction site.

One record located at 402 3<sup>rd</sup> Avenue (EcoLog Record 37), approximately 232 m east to southeast of the Phase 1 Property. Occurrence date was 9/26/2008 for a natural gas pipeline strike at a construction site.

One record located at 850 Bronson Avenue (EcoLog Record 39), this record is further than 250 m from the Phase 1 Property.

One record for Enbridge Gas Distribution Inc. located at 680 Bronson Avenue (EcoLog Record 40). This record is further than 250 m from the Phase 1 Property.

One record located at 860 Bronson Avenue (EcoLog Record 43). This record is further than 250 m from the Phase 1 Property.

Two records located at 659 Bronson Avenue (EcoLog Record 45). These records are further than 250 m from the Phase 1 Property.

One unplotable report for TSSA Historic Incidents and 32 unplotable reports in the ERIS report for spills were listed. Based on the descriptions of the TSSA historic record was not within 250 m of the Phase 1 Property and of the 32 spills records, only six records potentially occurred within 250 m of the Phase 1 Property, which include:

A record of 5 L furnace oil to water puddle from a pipe/hose leak.

A record for 10 L of power steering fluid to floor to catch basin. Environmental impact not anticipated.

A record for 2 L jugs of hypochlorite (Javex) spilled in trailer due to a trailer leak.

A record for diesel fuel leak from fuel pump/line into sewer. Possible environmental impacts.

A record for a leak of natural gas from a 102 mm (4") diameter gas main strike. Environmental impacts confirmed.

A spill of 100 L of gasoline spilled to catch basin and road.

SOURCE	RECORDS REVIEW RESULT
	<p>A request has been made to the MOECC - Freedom of Information (FOI) and Protection of Privacy Office for information regarding incidents or activities, which may have occurred on the subject Phase 1 Property and represent a possible environmental concern. If MOE records are obtained that are environmentally significant in terms of this ESA, an addendum will be forwarded to the Client.</p>
<p>(ix) Ontario Regulation 347 Waste Generators/Receivers Summary Records</p>	<p>The ERIS report did not identify any Ontario Regulation 347 Waste Generator Records or Ontario Regulation 347 Waste Receivers for the Phase 1 Property. There are 41 records for Waste Generators within the P1SA, including the following.</p> <p>Two records for Black &amp; McDonald Limited located at 557 Cambridge Street South (EcoLog Records 3), approximately 4 m southwest of the Phase 1 Property. The property was listed as electrical work with oil skimmings and sludges waste.</p> <p>Six records for Taggart Corporation or unlisted located at 265 Carling Avenue (EcoLog Record 9), approximately 80 m north/northwest of the <b>Site</b>, for a real estate property manager. For PCB waste.</p> <p>Two records for Associated Endodontists and unknown located at 265 Carling Avenue (EcoLog Record 10), approximately 85 m northwest of the Phase 1 Property, one record was listed for a real estate property manager. Wastes at this site include pathological wastes and PCBs.</p> <p>Two records for Ottawa Hydro located at 247 Glebe Avenue (EcoLog Record 14), approximately 72 m north to northeast of the Phase 1 Property for electrical power distribution. Wastes include oil skimming &amp; sludges, waste oils &amp; lubricants and PCBs.</p> <p>Four records for Ottawa-Carleton District School Board (Borden High School) located at 515 Cambridge Street South (EcoLog Record 20), approximately 170 m north to northwest of the Phase 1 Property. The records are for elementary/secondary education. Wastes include inorganic laboratory chemicals, waste oils &amp; lubricants and organic laboratory chemicals.</p> <p>One record for Goodex Equipment Rentals Ltd. located at 515 Cambridge Street (EcoLog Record 21), approximately 178 m north to northwest of the Phase 1 Property.</p> <p>One record for Ottawa-Carleton District School Board (Glebe Collegiate Institute) located at 212 Glebe Avenue (EcoLog Record 26), approximately 187 m east to northeast of the Phase 1 Property. The record is for an elementary and secondary schools. Wastes include alkaline wastes- heavy metals, organic laboratory chemicals, waste oils &amp; lubricants, photo-processing wastes, acid wastes- heavy metals, inorganic laboratory chemicals, aliphatic solvents, light fuels, acid waste-other metals, and paint/pigment/coating residues.</p> <p>Nine records for Ottawa-Carleton District School Board (Glebe Collegiate Institute) located at 212 Glebe Avenue (EcoLog Record 33), approximately 200 m east to northeast of the Phase 1 Property. The record is for an elementary and secondary schools. Wastes include alkaline wastes- heavy metals, organic laboratory chemicals, waste oils &amp; lubricants, photo-processing wastes, acid wastes- heavy metals, inorganic laboratory chemicals, aliphatic solvents, light fuels, acid waste-other metals, and paint/pigment/coating residues.</p> <p>Five records for Quantum Murray LP and Government of Canada- Energy Mines &amp; Resources located at 401 Lebreton Street (EcoLog Record 35), approximately 209 m west of the Phase 1 Property. The records indicate for residential construction/Individual Development. Wastes include inorganic laboratory chemicals and organic laboratory chemicals.</p> <p>Nine records for Department of National Defense located at 360 Lebreton Street (EcoLog Record 42). This property is located greater than 250 m from the <b>Site</b>.</p> <p>Four unplotable records for waste generators were listed in the ERIS report and included:</p>

SOURCE	RECORDS REVIEW RESULT
	<p>One record for Government of Canada-Health &amp; Welfare Canada located at 303 Carling Avenue, for pathological wastes.</p> <p>Two records for City of Ottawa for water and sewer line related structures construction.</p> <p>One record for Ottawa Board of Education for inorganic laboratory chemicals and organic laboratory chemicals.</p>
(x) Ministry of the Environment Waste Disposal Inventory	The ERIS report did not identify any active or closed landfill sites within the P1SA.
(xi) Records of Fuel Storage	<p>There were no fuel storage tank records identified in the ERIS report for the Phase 1 Property.</p> <p>There were 10 plotted records for the northeast adjacent property located at 770 Bronson Avenue (EcoLog Record 1) for expired facilities in the ERIS report.</p> <p>Two records for private and retail storage tanks located at 770 Bronson Avenue (EcoLog Record 2).</p> <p>One unplotable record for Mr. Gas Ltd. located on Highway 17. This site is considered greater than 250 m from the Phase 1 Property.</p> <p>An information request was submitted to the TSSA pertaining to underground and aboveground fuel storage for the Phase 1 Property. The TSSA responded that they have no records of tanks on file for the Phase 1 Property.</p>
(xii) Contaminated Sites on Federal Land	<p>The EcoLOG ERIS report did not identify any records of contaminated sites on federal land for the Phase 1 Property, however there was 1 record within the P1SA.</p> <p>The record was for the former NCC building located approximately 202 m west to northwest of the Phase 1 Property (EcoLog Record 31). A Record of Site Condition (RSC) was obtained and no further action was required. Polycyclic aromatic hydrocarbons (PAHs) and heavy metal contamination was located in the garage in the vicinity of the mechanics pit.</p>
(xiii) National Environmental Emergencies System (NEES)	<p>There were no NEES records identified in the ERIS report within the P1SA.</p> <p>There are six unplotable NEES records for First Fuel. The records indicate the site was transportation of heating oil.</p>
(xiv) Environmental Registry	<p>No Environmental Registrations were recorded within the P1SA.</p> <p>One unplotable record for Taggart Construction Limited for approval for discharge to the natural environment other than water.</p>
(xv) Pesticide Registry	<p>The EcoLOG ERIS report did not identify any records for pesticide registry on federal land for the Phase 1 Property, however there was 1 record within the P1SA.</p> <p>The record is for Terrapro Corporation located at 401 Lebreton Street South (EcoLog Record 35), approximately 209 m west of the Phase 1 Property.</p>
(xvi) Scott's Manufacturing Directory	<p>The EcoLOG ERIS report did not identify any records of manufacturing for the Phase 1 Property, however there were 10 records within the P1SA, which included:</p> <p>Four records for K &amp; R Dental Laboratories located at 794 Bronson Ave (EcoLog Site 6), approximately 50 m southeast of the Phase 1 Property. The record indicates that the business manufactures medical equipment and supplies.</p> <p>Five records for Beyond 20/20 Inc., Canadian Post- M.D. Education Register, Association Faculties Medicine of Canada, Nortak Software Ltd. located at 265 Carling Avenue (EcoLog Record 9), approximately 80 m north to northwest of the Phase 1 Property. The records indicates that the businesses were established between 1943 to 1987 and manufactures computer systems design and related services, software publishers, periodical publishers, other publishers, professional organizations, manufacturing and reproducing magnetic and optical media.</p> <p>One record for Scaffold-Fast Inc. located at 385 Bell Street South (EcoLog Record 24), approximately 188 m west to northwest of the Phase 1 Property. The record indicates that the business was established in</p>

SOURCE	RECORDS REVIEW RESULT
(xvii) Water Well Information System	<p>1957 and manufactures construction and mining (except petroleum) machinery, and industrial machinery and equipment.</p> <p>The EcoLOG ERIS report identified 2 well records within the P1SA. The approximate location of the wells is shown in <b>Figure 2</b>. The records are described below.</p> <p><b>Well ID #7122535</b> was drilled for monitoring use in March 2009 to a depth of 8.8 m. The stratigraphy at this location is described as sand, topsoil to a depth of 0.6 m, underlain by fill to a depth of 3.6 m, underlain by limestone.</p> <p><b>Well ID #7207473</b> was drilled in April 2013. No further details were in the record.</p>
xviii) Boreholes	<p>The EcoLOG ERIS report identified six borehole records within the P1SA. The records are described below.</p> <p><b>Borehole ID #809487</b> was drilled in February 1989 to a depth of 1.5 m. The stratigraphy at this location is described as asphalt to 0.1 m, underlain by crushed stone to a depth of 0.4 m, underlain by sand trace silt, trace gravel to a depth of 1.0 m, underlain by silt-sand.</p> <p><b>Borehole ID #809488</b> was drilled in February 1989 to a depth of 1.5 m. The stratigraphy at this location is described as asphalt to 0.1 m, underlain by crushed stone to a depth of 0.4 m, underlain by fill- miscellaneous sand with silt to a depth of 1.0 m, underlain by sandy topsoil a depth of 1.1 m, underlain by sand trace silt.</p> <p><b>Borehole ID #613104</b> was drilled in June 1971 to a depth of 4.4 m. The stratigraphy at this location is described as artificial to 0.8 m, underlain by unspecified to a depth of 2.0 m, underlain by bedrock.</p> <p><b>Borehole ID #613085</b> was drilled to a depth of 64.0 m. The stratigraphy at this location is described as gravel to 2.4 m, underlain by sand to a depth of 5.5 m, underlain by bedrock.</p> <p><b>Borehole ID #809486</b> was drilled in February 1989 to a depth of 1.5 m. The stratigraphy at this location is described as asphalt to 0.1 m, underlain by tar and chip to a depth of 0.2 m, underlain by crushed stone to a depth of 0.5 m, underlain by sand trace silt.</p> <p><b>Borehole ID #613098</b> was drilled in December 1957 to a depth of 6.6 m. The stratigraphy at this location is described as artificial to 0.8 m, underlain by sand to a depth of 3.4 m, underlain by unspecified.</p>
(xix) Areas of Natural Significance	No areas of natural significance (ANSI) neither provincially significant life science nor earth science ANSIs are located on the Phase 1 Property.

## 4.2 PHYSICAL SETTING SOURCES

Table 4-3 Summary of Physical Setting Sources

SOURCE	RECORDS REVIEW RESULT
(i) Aerial Photographs – National Air Photo Library Aerial Imagery- Google Earth	<p>Aerial photographs from 1933, 1945, 1965, 1977, and 1994 and aerial imagery from 2004, 2008, 2012, and 2015 were reviewed for this assessment. Copies of the select air photos and aerial imagery are included in <b>Appendix C</b>. Significant information depicted from these photographs, where possible, are summarized below:</p> <p>1933 (1:6,000)</p> <ul style="list-style-type: none"> <li>▪ A building appears to occupy the east side of the Phase 1 Property (774 Bronson Avenue) with the west of the Site (557 Cambridge Street South) disturbed but undeveloped.</li> <li>▪ Cambridge Street South appears to be disturbed, but not paved.</li> <li>▪ A large building occupies both the northwest and north adjacent properties (280 and 270 Carling Avenue) a small building occupies the northeast adjacent property (770 Bronson Avenue).</li> </ul>



## SOURCE

## RECORDS REVIEW RESULT

- Properties west of Cambridge Street South are undeveloped and appears to be a storage yard with small structures located across the property (lumber storage facility).
- Buildings are present south of the Phase 1 Property on Bronson Avenue and Cambridge Street South.
- An open landscaped space (soccer field) and large building (school), similar to what was observed during the Phase 1 Property visit are present on the east adjacent property.
- A disturbed area with small structures which appears to be another large outdoor storage facility is present approximately 120 m northwest of the Phase 1 Property at 299 Carling Avenue.
- Properties southeast and northeast of the Phase 1 Property appear to be developed residential.

## 1945 (1:10,000)

- Northeast and south adjacent properties to the Phase 1 Property appear to be similar to the 1933 aerial photograph.
  - Properties west of Cambridge Street South are developed with residential buildings similar to what was observed during the site visit.
  - The north adjacent property (270 Carling Avenue) appears to be vacant
  - A building is located on the northwest adjacent property (280 Carling Avenue).
  - The outdoor storage facility observed in the 1933 photograph located at 299 Carling Avenue does not contain any structures or developments, however continues to be disturbed.
  - A small building and disturbed area is located approximately 70 m north of the Phase 1 Property at 540 Cambridge Street South (at the west corner of Carling Avenue)
- Properties north of the Phase 1 Property are developed with buildings, possibly commercial.

## 1965 (1:15,000)

- The scale of the photograph limits an accurate view of the Phase 1 Property and adjacent properties
- A building similar to the one observed during the site visit is present on the southwest adjacent property (567 Cambridge Street South)
- The north adjacent property (270 Carling Avenue) appears to be occupied by a building.
- The previously disturbed property at 299 Carling Avenue contains a building on the south side.
- A larger building is present on the property located at 540 Cambridge Street South, located approximately 70 m north of the Phase 1 Property.

## 1977 (1:10,000)

- Buildings are located on the east and west side of the Phase 1 Property.
- The adjacent properties appear to be similar to the 1965 aerial photograph.

## 1994 (1:10,000)

- The Phase 1 Property and adjacent properties are similar to the 1977 aerial photograph.

SOURCE	RECORDS REVIEW RESULT
	<p>2004 (Online)</p> <ul style="list-style-type: none"> <li>Buildings are shown on the Phase 1 Property and surrounding properties appear similar to current conditions.</li> </ul> <p>2008 (Online)</p> <ul style="list-style-type: none"> <li>Similar to previous aerial image.</li> </ul> <p>2012 (Online)</p> <ul style="list-style-type: none"> <li>Similar to previous aerial image.</li> </ul> <p>2015(Online)</p> <ul style="list-style-type: none"> <li>Phase 1 Property and surrounding properties appear similar to current conditions.</li> </ul>
(ii) Topography, Hydrology, Geology	<p>The Phase 1 Property topography is generally flat.</p> <p>The topographic contours presented on <b>Figure 3</b> indicate that the elevation of the Phase 1 Property is approximately 75 m above sea level (mASL) and sloping down to the southwest. As a result, the inferred shallow groundwater flow direction is anticipated to be southwesterly. However, buried utility corridors may result in local variations to this groundwater flow direction.</p> <p>The regional physiography, surficial geology, and bedrock topography and geology are presented on <b>Figures 4, 5 and 6</b>, respectively.</p> <p>Surficial geology in the vicinity of the Phase 1 Property is described as "Paleozoic Bedrock" (OGS, 2014). The underlying bedrock within the area is Verulam Formation (OGS, 2014).</p> <p>Groundwater flow in the bedrock is inferred to be southerly as shown on <b>Figure 6</b>.</p>
(iii) Fill Materials	<p>There were no records of fill materials at the Phase 1 Property, based on the records review. However asphalt, gravel and rubble material, likely a result of former demolition activities was observed on the Site.</p>
(iv) Water Bodies and Areas of Natural Significance	<p>The nearest water body is Dows Lake located approximately 370 m southwest. Areas of Natural Significance were not found on or near the Phase 1 Property.</p>
(v) Well Records	<p>There were no well records found for the Phase 1 Property. The EcoLog ERIS report identified two records of wells within the P1SA. The wells are located on at various properties to the northeast and west of the Phase 1 Property, as shown on <b>Figure 7</b>.</p>

### 4.3 Site operating records

No operating records of the site were available for review.

## 5 Interviews

**Table 5-1 Details of Interview with Jim Lumsden**

REQUIRED INFORMATION	SPECIFICS
i. Date, place, and method of the interviews and the name of person being interviewed	Date: Email on December 18, 2015
	Interview method: Email
	Interviewee: Jim Lumsden
ii. Reason why the person was identified as an interview subject	Mr. Lumsden is a neighbour and has approximately 50 years of knowledge of the Phase 1 Property.

iii. Relevant information concerning potentially contaminating activity and areas of potential environmental concern noted by the interviewer.	<p>Mr. Lumsden indicated that he has lived in the area for over 50 years. He stated the following:</p> <p>In Bronson there was a pair of wood frame semi-detached 2 storey houses.</p> <p>Also there was a 2 storey brick building with various light commercial uses like corner store and Chinese restaurant and cut stone retailer.</p> <p>All these were likely heated with oil furnaces then natural gas.</p> <p>770 Bronson Avenue, approximately 30 years ago the gasoline tanks were replaced and then about 20 years ago removed.</p> <p>There seemed to be an environmental process at the time. The owner was Emilio Lyndia and the property was sold for development.</p> <p>The property is fenced off but no demolition has taken place.</p> <p>The parcel of land that is textbook extends through to Cambridge Street South. This land has been commercial with 1 and 2 storey concrete block and brick dating back to the 1940's.</p> <p>Land use was doctors' offices and wholesale distribution with some upstairs apartments.</p> <p>Another land use was for an electrical contractor.</p> <p>Heating for these buildings was likely oil furnaces later converted to gas. An old furnace oil line went up the street there.</p> <p>The demolition involved some asbestos removal and then demolition and sorting and removal by truck.</p> <p>He did not believe that there were any basements on Cambridge but likely on Bronson.</p> <p>He indicated that oil tanks were limited to 200 gallon residential types and was not aware of any spills.</p> <p>The property to the south on Bronson was a 2 storey wood frame house but became a 2 storey office in the 1960's.</p> <p>On Cambridge street the next door neighbour is an old 4 storey apartment building and a 1960's six-storey apartment.</p> <p>The six-storey apartment was built on the site of an old lumber yard.</p>
Reliability	Very reliable as Mr. Lumsden has lived in the area for over 50 years.

## 6 SITE RECONNAISSANCE

**Table 6-1 Site Reconnaissance Investigation Notes**

REQUIRED INFORMATION	SPECIFICS
date and time of the investigation	December 2, 2015.
weather conditions	The temperature was approximately 5°C and weather conditions were overcast during the visit.
the length of time of the investigation,	2 hours
whether the facility was operating at the time of the investigation, where the phase one property is an enhanced investigation property that is currently being used for one of the uses described in clause 32 (1) (b) of the regulation	<p>Site reconnaissance was conducted by Ms. Kathryn Maton. The site reconnaissance also included a visual inspection of adjacent properties and surrounding properties located wholly or partly within the P1SA. The visual inspection was conducted from the Phase 1 Property boundary and publicly accessible areas to identify any potentially contaminating activities, water bodies and areas of natural significance.</p> <p>Select photographs taken during the site reconnaissance are provided in <b>Appendix D</b>.</p>
The name and qualifications of the person conducting the investigation	Ms. Kathryn Maton, C.E.T. conducted the assessment. See additional information in <b>Section 8.3</b> .



## 6.1 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

The following table summarizes the specific site reconnaissance observations.

**Table 6-2 Site Reconnaissance Observations**

### GENERAL

i. Subject Site Structures and Improvements including Below-Ground Structures	The Phase 1 Property was vacant except for two unoccupied mobile trailers located adjacent to Bronson Avenue. These two trailer appeared to be used as a model home sales office (approximately 65 m <sup>2</sup> ) and a construction office (approximately 16 m <sup>2</sup> ).
ii. Underground Storage Tanks (UST)	There were no underground storage tanks (USTs) observed during the site reconnaissance. No information on historical USTs was obtained.
iii. Above Ground Storage Tanks (AST)	There were no above ground storage tanks (ASTs) observed during the site reconnaissance. No information on historical ASTs was obtained.
iv. Potable and Non-potable Water Sources	Potable water is likely provided via the municipal water distribution system.
<b>Underground Utilities and Corridors</b>	
Underground Utilities and Corridors	There were no indications that underground utilities, however underground electrical, water and sewer services are anticipated.
<b>Features and Structures of On-Site Buildings</b>	
i. Entry and Exit Points	The entrance and exit into the model home sales office was from Bronson Avenue (east side) and the entrance and exit into the construction trailer was on the west side.
ii. Heating & Cooling Systems	A portable window air conditioning unit was observed on the south side of the construction office trailer. A small furnace was observed on the north side of the model home office trailer. It is not known what fuel supplies the furnace but electricity is suspected.
iii. Drains, Pits, Sumps	There were no drains, pits or sumps observed on the Phase 1 Property.
iv. Unidentified Substances	No evidence of unidentified substances that could have an effect on the environmental conditions of the Phase 1 Property was observed.
<b>Other Observations</b>	
i. Wells	A monitoring well was observed on the northwest portion of the Phase 1 Property. It was observed to be in good condition (i.e., FG-1).
ii. Sewage Works	There were no sewage works observed at the Site.
iii. Ground Surface	The ground surface of the Phase 1 Property was bare soil with some pieces of asphalt and vegetation in the west portion and compact gravel on the east portion. An asphalt driveway runs along the north side of the Phase 1 Property.
iv. Railway Lines and Spurs	No evidence of railway lines or spurs was observed at the Phase 1 Property.
<b>Other Observations</b>	
i. Stained Soil, Vegetation or Pavement	No areas of stained soil, pavement, or vegetation were observed.
ii. Stressed Vegetation	No evidence of stressed vegetation was observed on the Phase 1 Property.
iii. Areas where fill and debris materials appear to have been placed or graded	Compacted gravel fill material was observed on the east portion of the Phase 1 Property. The west side of the Phase 1 Property had pieces of asphalt and debris mixed with soil which was likely from former demolition operations. The Phase 1 Property was generally graded so as to be level with the surrounding properties.
iv. Potentially contaminating activity	Potentially contaminating activities were not identified at the Phase 1 Property during the site visit. The north adjacent property located at 770 Bronson Avenue was under construction, and it was surrounded by hoarding.

v. Details of unidentified substances found at the property	None observed.
<b>Enhanced Investigation Property</b>	
i. Enhanced Investigation Property	Based on the current and historic uses, the Phase 1 Property is not considered an enhanced investigation property as described in clause 32 (1) (b) of O. Reg. 153/04.
<b>Site Limitations</b>	
Site Limitations	The interior of the mobile trailers located were not accessible at the time of the site visit. The ground beneath the trailers was not visible due to the presence of the trailers.
<b>Additional Potential Environmental Concerns</b>	
i. PCB Materials and Equipment	PCB-containing materials may be present in electrical transformers and ballasts produced prior to 1920. Two pole-mounted transformers were observed on the southeast corner of the Phase 1 Property along Bronson Avenue and in the northwest corner along Cambridge Street South. Fluorescent lighting with ballasts containing PCBs may be present inside the two office trailers.
ii. Lead Containing Materials (LCMs)	The ages of the two office trailers are unknown; therefore it is possible for LCMs to be present.
iii. Asbestos Containing Materials (ACMs)	The ages of the two offices trailers are unknown; therefore it is possible for ACMs to be present.
iv. Urea Formaldehyde Foam Insulation (UFFI)	The ages of the two office trailers are unknown, therefore it is possible for UFFI to be present.
v. Ozone Depleting Substances (ODSs)	A portable window air conditioning unit was observed on the south side of the construction office. The refrigerant in the unit may contain chloro-fluorocarbon (CFC) or hydrochlorofluorocarbons (HCFC), both of which are recognized as Ozone Depleting Substances (ODSs)
vi. Herbicides and Pesticides	At the time of the site reconnaissance, there was no evidence of unacceptable use of herbicides and pesticides.
vii. Pits and Lagoons	No pits or lagoons were observed during the site reconnaissance.
viii. Air Emissions	There were no sources of air emissions requiring an ECA observed on-site.

## 6.2 OBSERVATIONS WITHIN PHASE 1 STUDY AREA

As part of the site reconnaissance a visual inspection of adjacent properties and properties located within the P1SA was conducted from the boundary of the Phase 1 Property and from publicly accessible areas to identify any potentially contaminating activities (PCAs). At the time of the site reconnaissance, land use within the P1SA was mixed commercial and residential as indicated on **Figure 7** and summarized below in **Table 6-3**.

**Table 6-3 Phase 1 Study Area Reconnaissance Observations**

IDENTIFIABLE FEATURES	SPECIFIC OBSERVATIONS
<b>Immediately Adjacent Properties</b>	
Adjacent Land Uses	<p><b>North:</b> Residential apartment building with a parking garage (northwest), commercial (northeast) actively under construction (fenced off – not visible).</p> <p><b>South:</b> Vacant office building under renovation and apartment building</p> <p><b>East:</b> Soccer Field (Ottawa-Carleton School Board)</p> <p><b>West:</b> Residential</p>
<b>Phase 1 Study Area Properties</b>	

Water Bodies	Dow's Lake is located approximately 380 m west of the Site.
Areas of Natural Significance	Areas of Natural Significance were not identified.

### 6.3 WRITTEN DESCRIPTION OF INVESTIGATION

The written description of the investigation and reconnaissance are documented throughout Section 5.0 with areas of environmental concern identified and discussed in Section 7.0 below.

## 7 REVIEW AND EVALUATION OF INFORMATION

### 7.1 CURRENT AND PAST USES

The following table summarizes the current and historic property use of the Site as inferred from records obtained during the Phase 1 ESA records review:

**Table 7-1 Current and Past Land Use**

YEAR	NAME OF OWNER	DESCRIPTION OF PROPERTY USE	PROPERTY USE	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS, ETC.
<b>744 Bronson Avenue</b>				
pre-1801	The Crown	Undeveloped Crown Land	Agricultural or other use	
1886 – 1924	C. Walleser R.D. Fraser James Desnoyes John Keefer Michael Doan Patrick Shuhan George Pennock Murdock Beaton George Little Alexander Mackay	Unknown when developed privately-owned land	Agricultural or other use to residential	<b>1912 FIP</b> indicates two buildings on the subject Property. <b>1963 FIP</b> indicates Phase 1 Property contains three buildings. <b>1933 Aerial Photograph</b> building shown on Property. <b>City Directories</b> listed the property as residential from 1930 (first listing) to 1980.
1924 – 1936	Shaw Bread Company Limited Canada Bread Company Limited Ottawa Upholstered Furniture Ltd. Canada Bread Company	Bread manufacture and Furniture Upholstery Company	Commercial use	
1936-1978	Ambassador Realty Inc.			<b>City Directories</b> indicated a music company occupied the Site in 1940.
1978-1989	Professional Institute of the Public Service of Canada			<b>City Directories</b> indicated a music company and a computer business occupied the subject Property in 1988/89.
1989-2012	Crainplan Limited			
2012-2015	Samcon Cambridge Inc.	Vacant	Commercial use	

YEAR	NAME OF OWNER	DESCRIPTION OF PROPERTY USE	PROPERTY USE	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS, ETC.
<b>557 Cambridge Street South</b>				
pre-1801	The Crown	Undeveloped Crown Land	Agricultural or other use	
1801 – 1970	C. Walleser R.D. Fraser James Desnoyes John Keefer Michael Doan Edward Vallins Marie Desforge Michael Dolan Alfred Lefebvre Snowden Scott Edmund Stockton Herbert Rorke	Unknown when developed privately-owned land Developed into a contractors business with lumber storage.	Agricultural or other use to commercial use	<b>1912 FIP</b> indicates no buildings on the Phase 1 Property. <b>1963 FIP</b> indicates large building is G.A. Crain & Sons Ltd. Contractors. <b>1977 Aerial Photograph</b> indicates buildings on the Phase 1 Property. <b>City Directories</b> indicated various commercial businesses including Crain George A & sons Ltd. and Crain Derek Arch & City Planner Crainplan Ltd.
1970 – 2012	George Crain and Reginald Crain Edwin Crain and Geoffrey Crian George Crain and Sons Limited Crainplan Limited	Contractors Business	Commercial use	<b>1983 Aerial Photograph</b> The building is shown on the Phase 1 Property.
2012-2015	Samcon Cambridge Inc.	Vacant	Commercial use	<b>2015 Aerial Image</b> shows buildings removed from Phase 1 Property.

## 7.2 POTENTIALLY CONTAMINATING ACTIVITY

Potentially contaminating activities (PCAs) on the Phase 1 Property or within the P1SA that may be contributing to an area of potential environmental concern (APEC) are summarized and assessed in the **Table 7-2** below. All PCAs including the number and location (if known) of USTs are illustrated on the Phase 1 Conceptual Site Model provided as **Figure 7**. Refer to *O. Reg. 153/04, Schedule D, Table 2* for a complete list of PCAs.

**Table 7-2 Summary of PCAs**

POTENTIALLY CONTAMINATING ACTIVITY	OBSERVATIONS
30. Importation of Fill Material of Unknown Quality	<b>On-Property</b> – Fill of unknown origin covering the whole Phase 1 Property confirmed by Genivar in December 2011 to be approximately 1 m thick. Also reported to be mercury and lead impacted by Genivar in December 2011 so fill across the whole Phase 1 Property considered as APEC #1

POTENTIALLY CONTAMINATING ACTIVITY	OBSERVATIONS
28. Gasoline and Associated Products Storage in Fixed Tanks	<b>On-Property</b> – Record reviews indicate historical heating of structures on the Phase 1 Property with furnace oil so fixed tanks are assumed to be present for all former buildings before delivery of furnace oil by pipeline along Cambridge Street South was replaced by natural gas and/or electrical heating systems. Since the exact location of these historical facilities is not known APEC #3 has been expanded to include the entire Phase 1 Property. In addition, the December 2011 groundwater analytical results from the Genivar report indicated petroleum hydrocarbon impacts in the F3 and F4 fractions at FG-1 and FG-3.
28. Gasoline and Associated Products Storage in Fixed Tanks	<b>P1SA</b> – Records review identified a gasoline station with USTs, pump island and associated piping adjacent north of the Phase 1 Property – up-gradient on fractured bedrock so moderate to high potential for an adverse environmental impact so western end of the Phase 1 Property is considered as APEC #3
28. Gasoline and Associated Products Storage in Fixed Tanks	<b>P1SA</b> – Records review identified two properties to the west of the Phase 1 Property – cross gradient and more that 100 m distant on fractured bedrock with low potential for creating an adverse environmental impact so not considered as an APEC
37. Operation of Dry Cleaning Equipment (where chemicals are used)	<b>P1SA</b> – Adjacent to southeast corner of the Phase 1 Property was a historic dry cleaning business – adjacent on fractured bedrock so moderate potential for creating an adverse environmental impact to the east end of the Phase 1 Property is considered to be APEC #4
55. Transformer Manufacturing, Processing and Use	<b>P1SA</b> – Northeast of the Phase 1 Property (intersection of Bronson Avenue and Glebe Avenue) – up-gradient on fractured bedrock but heavy oils with or without PCBs adsorb to soils and bedrock and not mobile in groundwater so at 90 m distant has a low potential for creating an adverse environmental impact so not considered an APEC.
59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	<b>On-Property</b> – Western end of the Phase 1 Property for historical wood treating. APEC #2
59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	<b>P1SA</b> – Adjacent to the southwest corner of the Phase 1 Property.-down-gradient on fractured bedrock so low potential for adverse environmental impact and already addressed by APEC #2
Other – Seasonal de-icing activities	<b>P1SA</b> – Historical seasonal de-icing of Cambridge Street South, Carling Avenue and Bronson Avenue is anticipated to have an adverse environmental impact on the groundwater quality (i.e., sodium and chloride) in the fractured bedrock across the entire Phase 1 Property. However, due to road safety exemption any sodium and chloride impacted groundwater in the fractured bedrock could potentially be exempt and not considered an APEC.
Other - Spills	<b>P1SA</b> – Records review identified small quantity spills of transformer oil and gasoline into sewer at the intersection of Carling Avenue and Bronson Avenue which are up-gradient of the former service station situated adjacent to the Phase 1 Property so any potential adverse environmental impacts will be assessed as part of APEC #3.

### 7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

The table of areas of potential environmental concern (APECs) presented in a form as approved by the Director is provided below in **Table 7-4**. This table was prepared in accordance with *clause 16(2)(a), Schedule D, O. Reg. 153/04*.

## 7.4 PHASE 1 CONCEPTUAL SITE MODEL

As part of the Phase 1 ESA, a Conceptual Site Model was developed for the Phase 1 Property comprised of two properties with the municipal addresses of 774 Bronson Avenue and 557 Cambridge Street South in Ottawa, Ontario.

### 7.4.1 FIGURES

A Phase 1 Conceptual Site Model is presented as **Figure 7** and it includes the following information for the Phase 1 Property and P1SA:

- Any existing buildings and structures,
- Water bodies located in whole, or in part, on the P1SA,
- Areas of natural significance located in whole, or in part, on the P1SA,
- Drinking water wells at the Phase 1 Property,
- Roads, including names, within the P1SA,
- Uses of properties adjacent to the Phase 1 Property,
- Areas where any PCAs have occurred, including location of any tanks (USTs and/or ASTs),
- APECs identified on the Phase 1 Property are presented on **Figure 8**.

### 7.4.2 POTENTIALLY CONTAMINATING ACTIVITY

Selected PCAs identified within the P1SA and all PCAs adjacent to and on the Phase 1 Property are shown on **Figure 7**. Those PCAs which were identified as contributing to an APEC on the Phase 1 Property are shown on **Figure 7** in red, while PCAs which are not considered to be contributing to an APEC are shown in black. **Table 7-3** below summarises the PCAs that have been determined to contribute to APECs on the Phase 1 Property.

**Table 7-3 Summary of PCAs Contributing to an On-Site APECs**

POTENTIALLY CONTAMINATING ACTIVITY	OBSERVATIONS
30. Importation of Fill Material of Unknown Quality	<b><u>On-Property</u></b> – Fill of unknown origin on site. APEC #1
59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	<b><u>On-Property</u></b> – Western portion of Site for historical wood treating. APEC #2
28. Gasoline and Associated Products Storage in Fixed Tanks	<b><u>On-Property</u></b> – Records review identified historical fuel oil used for heating of former building. PHCs in the F3 and F4 ranges detected in groundwater. Since location of these former tanks is not known the whole Phase 1 Property should be considered as APEC #3 <b><u>P1SA</u></b> – Records review identified historical fuel oil used for heating on was a gasoline station with USTs, pump island and associated piping contributes to APEC #3 on the east end of the Phase 1 Property
37. Operation of Dry Cleaning Equipment (where chemicals are used)	<b><u>P1SA</u></b> – Adjacent historic dry cleaning business. –southeast corner of the Phase 1 Property. APEC #4

### 7.4.3 POTENTIAL ENVIRONMENTAL CONCERN AND POTENTIAL CONTAMINANT OF CONCERN

A summary of the APECs and the associated potential contaminants of concern (PCOCs) are presented in **Table 7-4** below:

**Table 7-4 Summary of APECs and PCOCs**

ENVIRONMENTAL CONCERN	LOCATION	AREA OF CONCERN	CONTAMINANTS OF CONCERN	MEDIA	RISK LEVEL
Fill material APEC #1	On-Property	Whole Property.	BTEX, PHCs, PAHs, M&I	Soil	High - lead and mercury impacts already detected in fill material plus fill from the historical development and recent building demolition.
Historic wood treating APEC #2	On-Property	West end	M&I, As, Cr (VI) Hg, PAHs	GW & Soil	Moderate-fractured bedrock with large hydraulic conductivity.
Historic gasoline station with USTs and associated equipment APEC #3	Off-Property On-Property	Eastern end Whole Property	BTEX, PHCs, PAHs, M&I	GW & Soil	High – PHC impacts already detected in fractured bedrock with large hydraulic conductivity
Dry cleaning operations APEC #4	Off-Property	Southeast portion	BTEX, PHCs, VOCs, PAHs	GW & Soil	Moderate to high-fractured bedrock with large hydraulic conductivity

Notes:

BTEX – Benzene, Toluene, Ethylbenzene, and Xylenes  
 GW – Groundwater  
 PHCs – Petroleum Hydrocarbons  
 VOCs – Volatile Organic Compounds  
 PAHs - Polycyclic Aromatic Hydrocarbons  
 M&I – Metals and Inorganics  
 As – Arsenic  
 Hg – Mercury  
 Cr(VI) – Chromium (hexavalent)

### 7.4.4 IMPACT OF UNDERGROUND UTILITIES

Underground utilities have the potential to affect contaminant distribution and transport. Underground utilities on adjacent properties may also affect local migration of contaminants in the subsurface.

### 7.4.5 GEOLOGICAL AND HYDROGEOLOGICAL INFORMATION

Surficial geology in the vicinity of the Phase 1 Property is anticipated to be limestone bedrock of the Verulam Formation.

The inferred shallow groundwater flow direction is anticipated to be southwesterly.

### 7.4.6 UNCERTAINTY AND ABSENCE OF INFORMATION

During the records review, WSP relied on information obtained from municipal, provincial, and independent sources as referenced in this report. Although the information was assessed for consistency, verification of the accuracy or the completeness of this third party information was not completed.



WSP made all reasonable inquiries to obtain reasonably accessible information for this assessment as required by *O. Reg. 153/04 Schedule D Table 1: Mandatory Requirements for Phase One Environmental Site Assessment Reports*. All responses to information requests were received prior to completion on this report, except for the MOECC freedom of information (FOI). If MOECC records are obtained that are environmentally significant in terms of this ESA, an addendum will be forwarded to the Client. The evaluation provided in this report reflects our best judgment in light of the information available at the time of report preparation.

## 8 CONCLUSIONS

A Phase 1 ESA was conducted for the Phase 1 Property comprised of two adjacent properties with municipal addresses of 774 Bronson Avenue and 557 Cambridge Street South in Ottawa, Ontario. The objective of the assessment was to determine any real or potential environmental liabilities associated with the Phase 1 Property through the completion of a historical records review, site reconnaissance and interviews. The results of this Phase 1 ESA are documented in this report and reflect site conditions observed at the time of the site reconnaissance.

Based on information obtained as part of the Phase 1 ESA records search, site reconnaissance and interview process, the following findings are presented:

- The inferred shallow groundwater flow direction is southwesterly.
- The Phase 1 Property is currently empty except for two unoccupied office trailers located adjacent to the Bronson Avenue. These two adjacent trailers appeared to have been used as a model home sales office (approximately 65 m<sup>2</sup>) and a construction office (approximately 16 m<sup>2</sup>).
- Surficial geology is absent in the vicinity of the Phase 1 Property with limestone bedrock of the Verulam Formation anticipated at surface.
- The Phase 1 Property was first developed prior to 1928 with residential use on 744 Bronson Avenue portion. Various commercial businesses including a contractor business with lumber storage have existed on the Cambridge Street South portion.

Several potentially contaminating activities (PCAs) were identified on-Property and within the Phase 1 Study Area (P1SA). Those activities that were deemed to be contributing to an area of potential environmental concern (APEC) for the Phase 1 Property are summarized below:

POTENTIALLY CONTAMINATING ACTIVITY	OBSERVATIONS
30. Importation of Fill Material of Unknown Quality	<b><u>On-Property</u></b> – Fill of unknown origin on site. APEC #1
59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	<b><u>On-Property</u></b> – Western portion of Site for historical wood treating. APEC #2
28. Gasoline and Associated Products Storage in Fixed Tanks	<b><u>On-Property</u></b> – Records review identified historical fuel oil used for heating of former building. PHCs in the F3 and F4 ranges detected in groundwater. Since location of these former tanks is not known the whole Phase 1 Property should be considered as APEC #3 <b><u>P1SA</u></b> – Records review identified historical fuel oil used for heating on was a gasoline station with USTs, pump island and associated piping contributes to APEC #3 on the east end of the Phase 1 Property
37. Operation of Dry Cleaning Equipment (where chemicals are used)	<b><u>P1SA</u></b> – Adjacent historic dry cleaning business. –southeast corner of the Phase 1 Property. APEC #4



The following areas of potential environmental concern and associated contaminants of concern were identified on the Site:

ENVIRONMENTAL CONCERN	LOCATION	AREA OF CONCERN	CONTAMINANTS OF CONCERN	MEDIA	RISK LEVEL
Fill material APEC #1	On-Property	Whole Property.	BTEX, PHCs, PAHs, M&I	Soil	High - lead and mercury impacts already detected in fill material plus fill from the historical development and recent building demolition.
Historic wood treating APEC #2	On-Property	West end	M&I, As, Cr (VI) Hg, PAHs	GW & Soil	Moderate-fractured bedrock with large hydraulic conductivity.
Historic gasoline station with USTs and associated equipment APEC #3	Off-Property On-Property	Eastern end Whole Property	BTEX, PHCs, PAHs, M&I	GW & Soil	High – PHC impacts already detected in fractured bedrock with large hydraulic conductivity
Dry cleaning operations APEC #4	Off-Property	Southeast portion	BTEX, PHCs, VOCs, PAHs	GW & Soil	Moderate to high-fractured bedrock with large hydraulic conductivity

Notes:

BTEX – Benzene, Toluene, Ethylbenzene, and Xylenes  
 GW – Groundwater  
 PHCs – Petroleum Hydrocarbons  
 VOCs – Volatile Organic Compounds  
 PAHs - Polycyclic Aromatic Hydrocarbons  
 M&I – Metals and Inorganics  
 As – Arsenic  
 Hg – Mercury  
 Cr (VI) – Chromium (hexavalent)

## 8.1 WHETHER PHASE 2 ENVIRONMENTAL SITE ASSESSMENT REQUIRED

We recommend that a Phase 2 ESA be completed to investigate the areas of potential environmental concern, chemicals of concern and potentially impacted media identified in this report. A record of site condition (RSC) cannot be filed based upon this Phase 1 ESA alone.

## 8.2 QUALIFIER

This assignment is limited to a data assessment, site inspection, and preliminary analysis of potential areas of contamination. During this assessment, WSP has relied on information obtained from sources as referenced in this report. Verification of the accuracy or completeness of this third-party information was not completed.

Site characterization was limited to the direct observation of visible and accessible locations. Subsurface investigations, sampling, and laboratory analyses were not completed as part of this assessment.

This Phase 1 ESA was prepared for Textbook Student Suites solely for their exclusive use in the evaluation of 774 Bronson Avenue and 557 Cambridge Street South, Ottawa, Ontario. It is understood that site

conditions, environmental or otherwise, are not static and that this report documents site conditions at the time of the assessment.

The conclusions provided in this report reflect our best judgment in light of the information available at the time of report preparation. Any use, which a third party makes of this report, or any reliance on or any decisions to be made based on it, is the responsibility of such third parties. WSP accepts no responsibility for damages, if any, suffered by any third party because of decisions made or actions based on this report. If site conditions are observed to be different from those reported, please contact us.

### 8.3 QUALIFICATIONS OF THE ASSESSOR

The Phase 1 ESA record review was completed by Ms. Lisa Gardiner Environmental Scientist. Lisa is a Project Lead at WSP with over 12 years of experience in environmental site assessments. She has conducted numerous Phase 1 Environmental Site Assessments for industrial, commercial and residential properties and is trained in various hazardous materials and identification of environmental customs. Her previous clients include various Ontario municipalities, provincial ministries, federal departments, housing authorities, school boards, and community colleges. Her work meets the requirements of CSA Standard Z768-01, which involves identifying, defining and quantifying potential environmental liabilities to satisfy due diligence obligations. Past work also has included completion of several Phase 2 Environmental Site Assessments (CSA Z769-00), field sampling and completion of numerous reporting and coordination work for various clients.

The Phase 1 ESA Site visit was completed by Ms. Kathryn Maton, Environmental Technologist. Kathryn has over 6 years of experience in environmental site assessments. She has conducted numerous Phase I and II Environmental Site Assessments for industrial, commercial and residential properties. Kathryn worked on a yearlong remediation project with various provincial government authorities, contractors and stake holders in preparation for an RSC (15+ million dollars). Her work meets the requirements of CSA Standard Z768-01, which involves identifying, defining and quantifying potential environmental liabilities to satisfy due diligence obligations.

This report was prepared under the supervision of Philip Romeril, P. Eng. Mr. Romeril is a Senior Environmental Engineer with WSP (formerly SPL) and has a Bachelor of Science Degree in Engineering Geology and a Master of Science Degree in Civil Engineering both from Queen's University. He has been a recognized Professional Engineer in Ontario since 1988. Philip has conducted and managed geo-environmental and hydrogeological investigations including Phase One and Two ESAs in Ontario, Manitoba, Alberta, Northwest Territories, and the Alaskan and Canadian Beaufort Seas.

### 8.4 SIGNATURES

WSP carried out this Phase One ESA and confirms the findings and conclusions presented in this report.

Report Prepared by:  
**WSP Canada Inc.**



Lisa J. Gardiner, B.Sc.(Hon.), A.Sc.T.  
Project Lead, Environment

Reviewed by:



Phillip Romeril, P. Eng., QP<sub>ESA</sub>  
Senior Environmental Engineer



## 9 REFERENCES

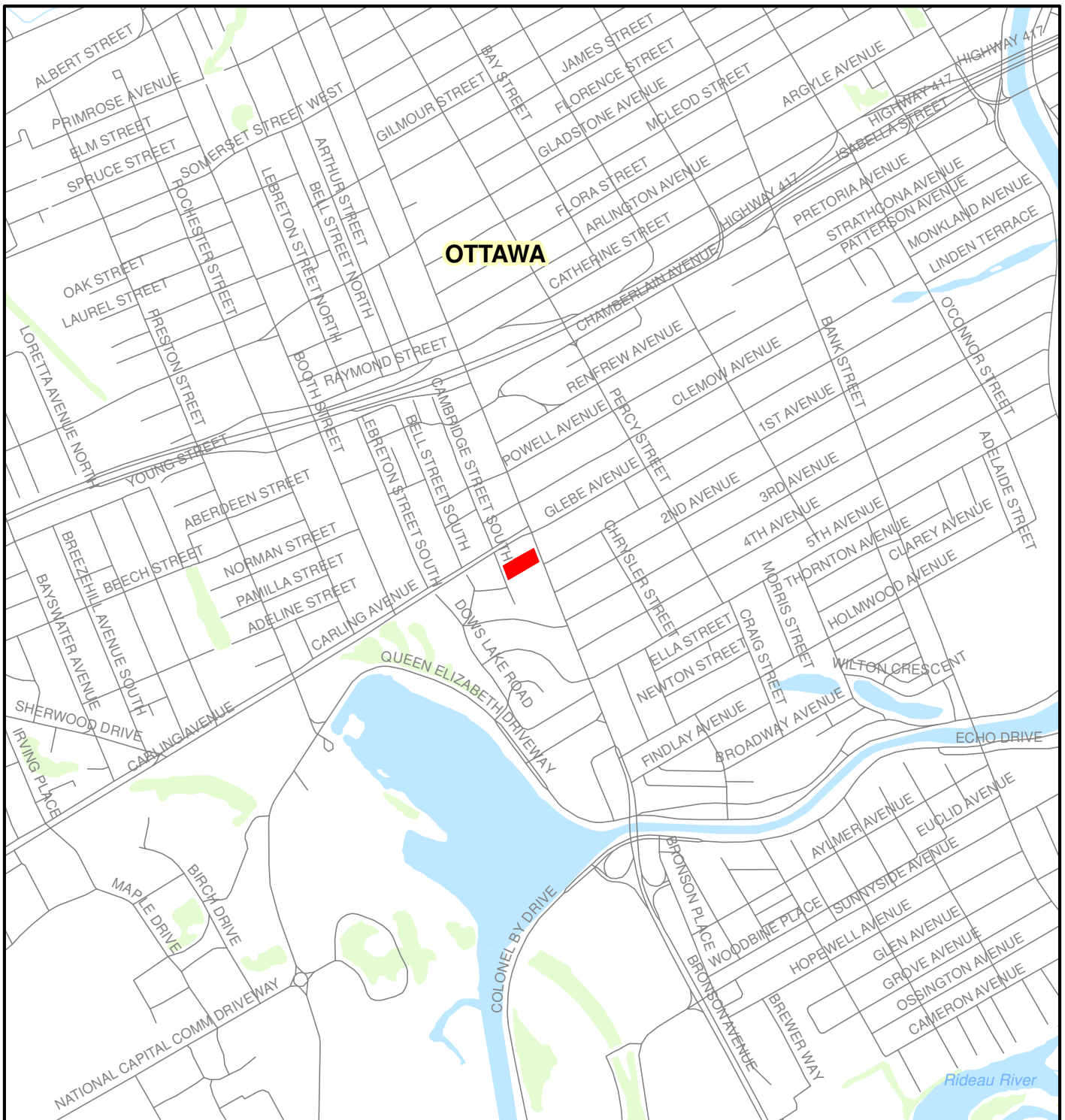
L.J. Chapman and D.F. Putnam, 1984. The Physiography of Southern Ontario, Third Addition.

Ministry of Northern Development and Mines (1991) Bedrock Geology of Southern Ontario; Map 2544, scale 1:1,000,000.

Ministry of Northern Development and Mines (1991) Quaternary Geology of Ontario, Southern Sheet; Map 2556, scale 1:1,000,000

The image features a large, light blue geometric shape that is roughly triangular but has a diagonal cut. The cut starts from the top-left corner and extends towards the bottom-right. A grey rectangular block is positioned on the right side of the image, partially overlapping the blue shape. The word "Figures" is written in a dark grey, sans-serif font within the blue area.

Figures



**OTTAWA**

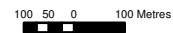
**LEGEND**

 APPROXIMATE SITE LOCATION

**SITE LOCATION MAP**

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT  
 TEXTBOOK STUDENT SUITES  
 774 Bronson Avenue  
 Ottawa, Ontario

DATE: DECEMBER 2015	SCALE: 1:15000
PROJECT: 151-12490-00 200	FILE. NO.:151-12490-00 200 F1

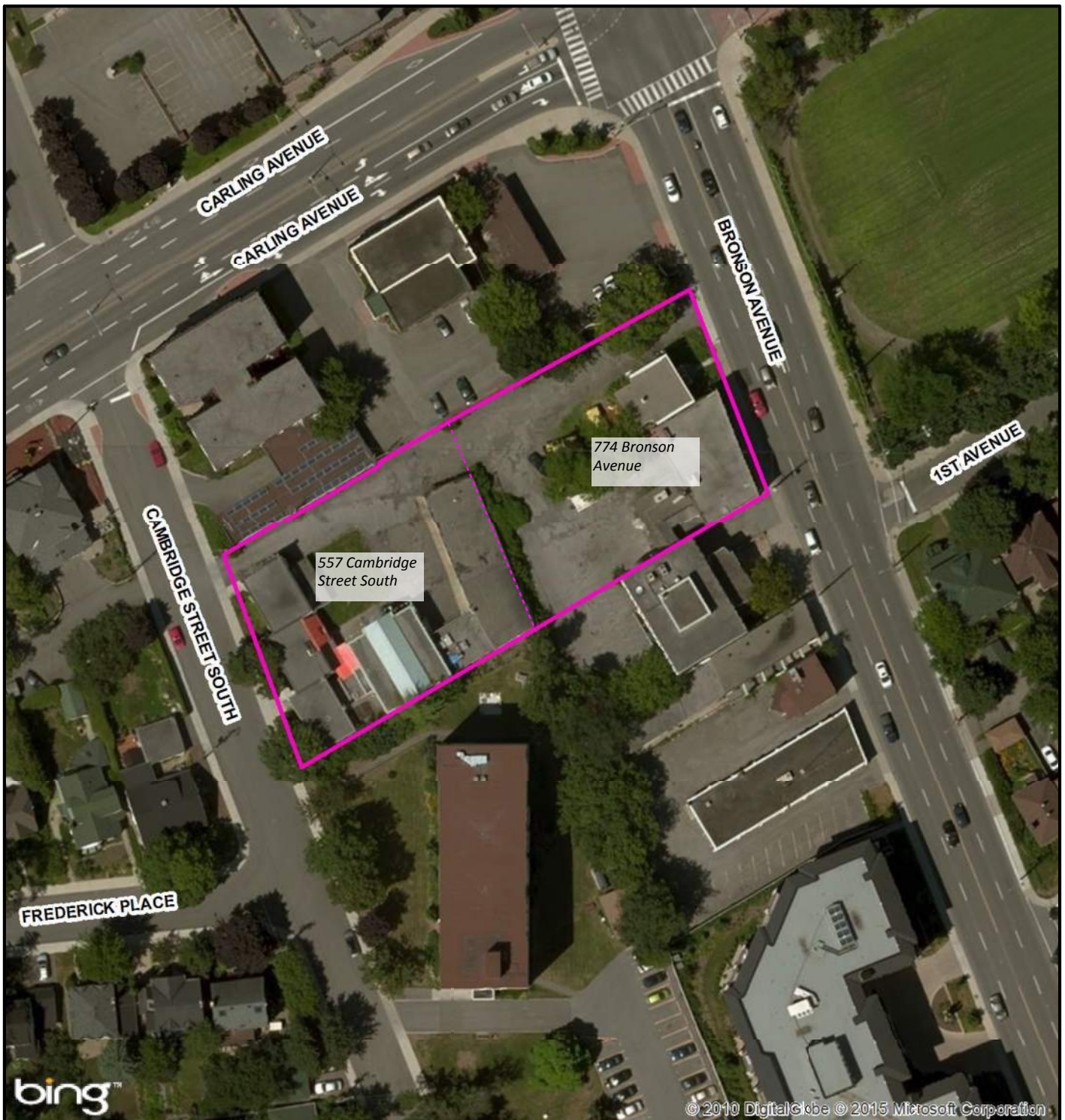


Data Source: Ministry of Natural Resources, Ontario Base Mapping, March 2014.



FIGURE  
**1**





**LEGEND**

 APPROXIMATE SITE LOCATION

**SITE PLAN**

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT  
 TEXTBOOK STUDENT SUITES  
 774 Bronson Avenue  
 Ottawa, Ontario

DATE: DECEMBER 2015

SCALE: 1:1000

PROJECT: 151-12490-00 200

FILE. NO.: 151-12490-00 200 F2

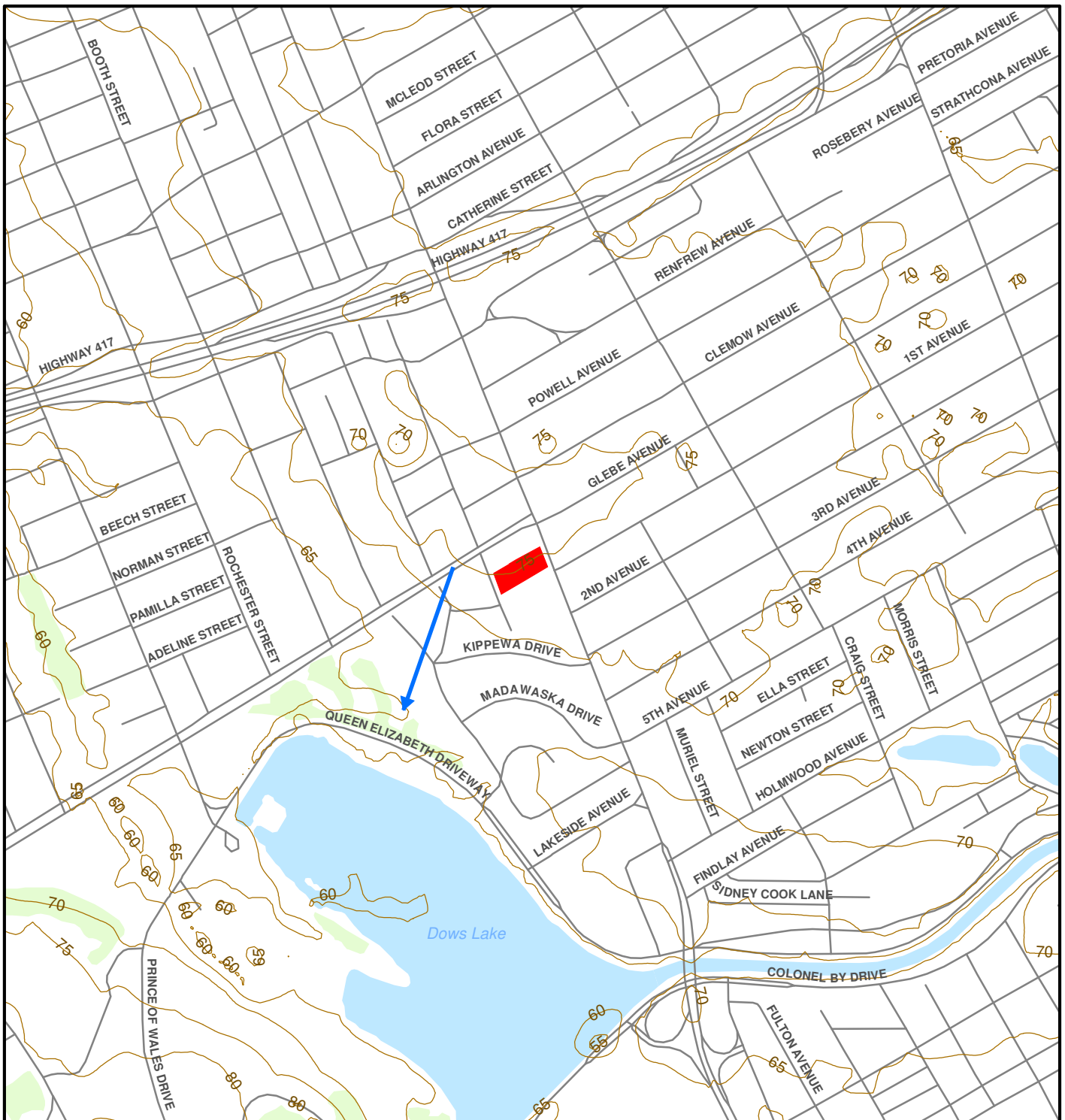


Data Source: Ministry of Natural Resources,  
 Ontario Base Mapping, March 2014.  
 Imagery, BING.








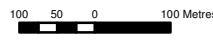
FIGURE

**2**



**LEGEND**

-  APPROXIMATE SITE LOCATION
-  WATERBODIES
-  WATERCOURSE
-  TOPOGRAPHIC CONTOURS (mASL) (5 m INTERVAL)
-  INFERRED GROUNDWATER FLOW DIRECTION



Data Source: Ministry of Natural Resources, Ontario Base Mapping, March 2014.

**TOPOGRAPHY**

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT  
 TEXTBOOK STUDENT SUITES  
 774 Bronson Avenue  
 Ottawa, Ontario

DATE: DECEMBER 2015

SCALE: 1:10000

PROJECT: 151-12490-00 200

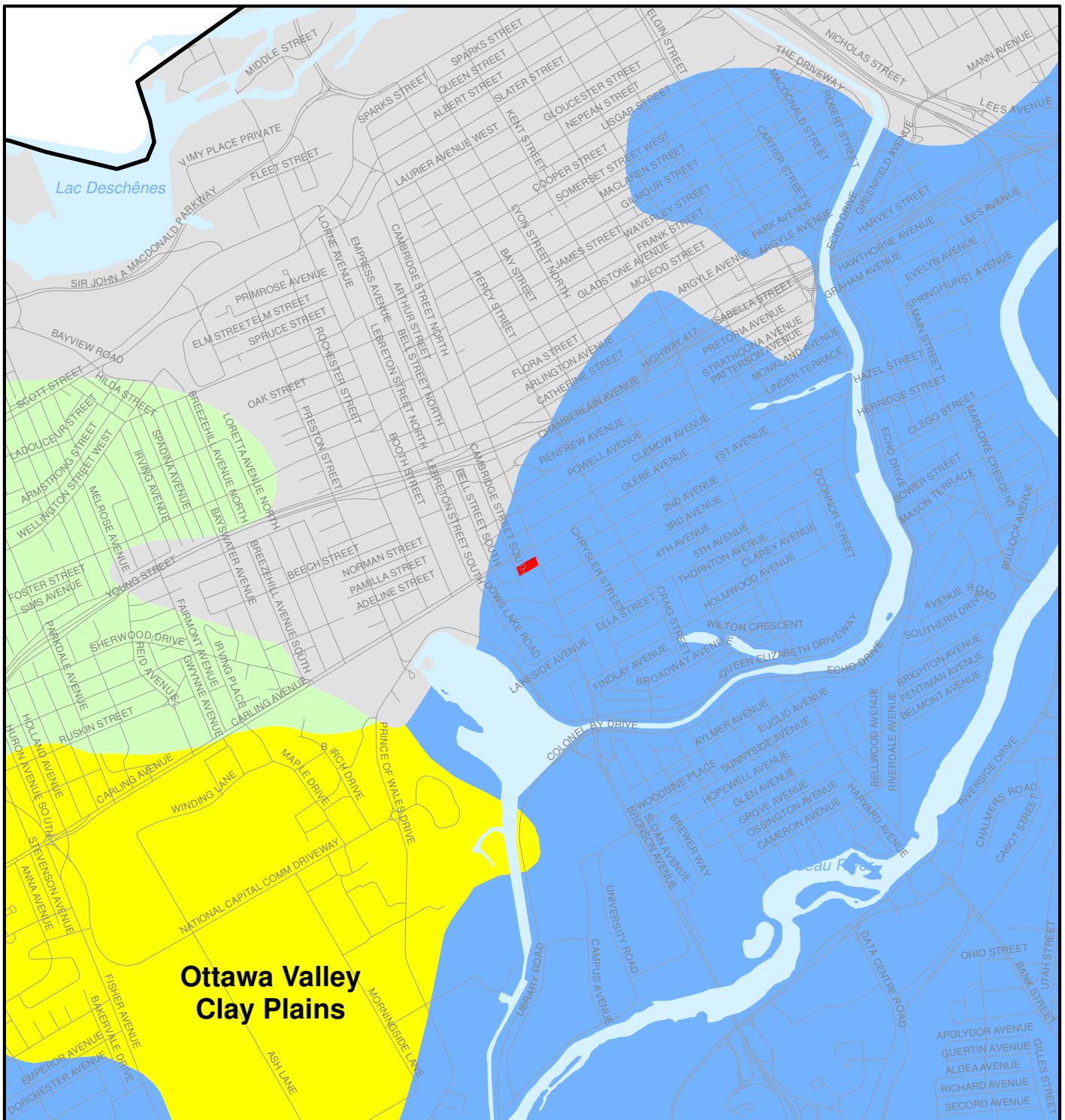
FILE. NO.:151-12490-00 200 F3



FIGURE

**3**





**Ottawa Valley  
Clay Plains**

**LEGEND**

- APPROXIMATE SITE LOCATION
- PHYSIOGRAPHIC REGION BOUNDARY
- CLAY PLAINS
- SAND PLAINS
- LIMESTONE PLAINS
- TILL PLAINS (DRUMLINIZED)



300 150 0 300 Metres

Data Source: Ministry of Natural Resources, Ontario Base Mapping, March 2014; Chapman, L.J. and Putnam, D.F. 2007. Physiography of southern Ontario; Ontario Geological Survey, Miscellaneous Release—Data 228.

**REGIONAL PHYSIOGRAPHY MAP**

**PHASE 1 ENVIRONMENTAL SITE ASSESSMENT  
TEXTBOOK STUDENT SUITES**

774 Bronson Avenue  
Ottawa, Ontario

DATE: DECEMBER 2015

SCALE: 1:25000

PROJECT: 151-12490-00 200

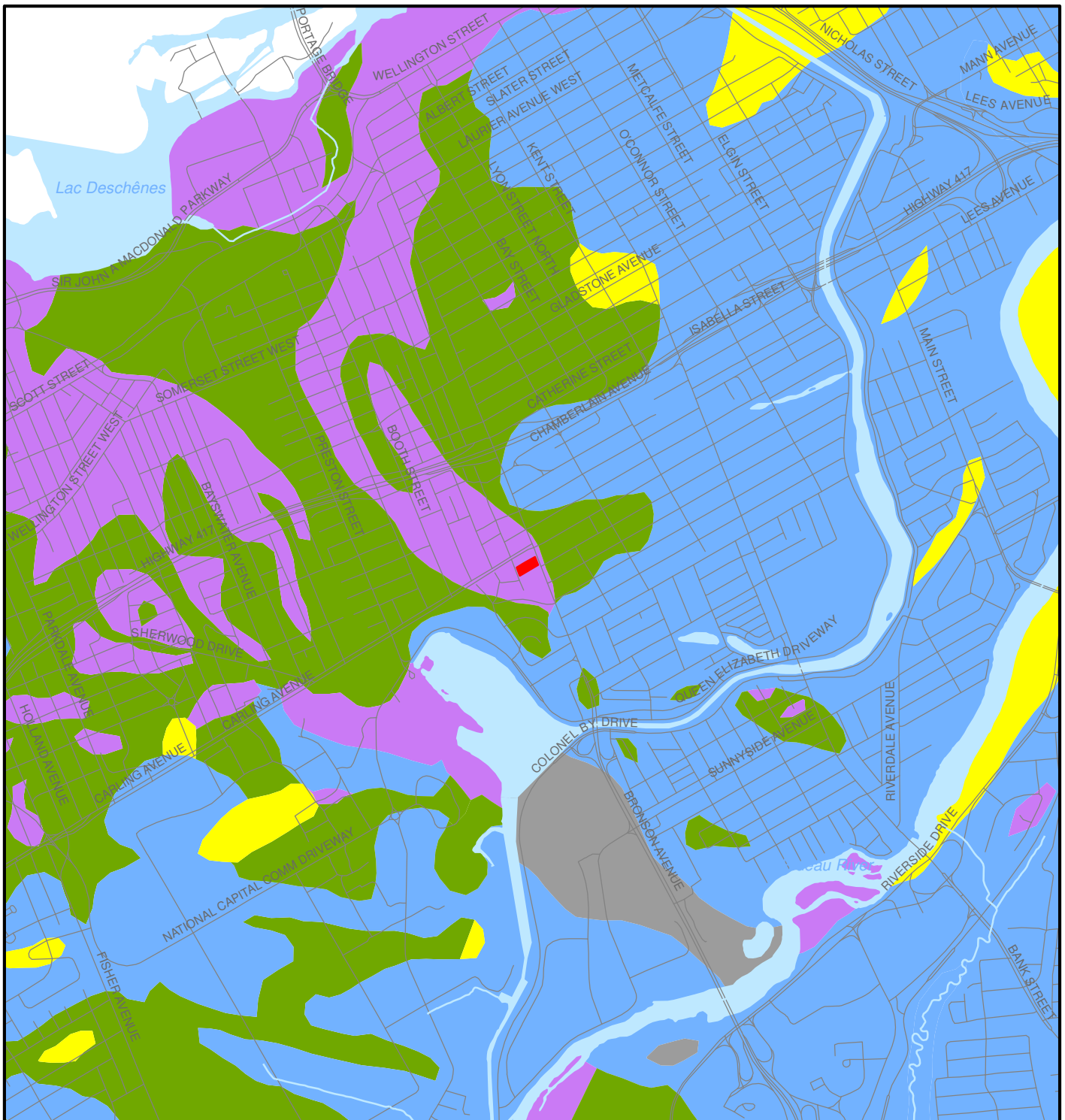
FILE. NO.:151-12490-00 200 F4



FIGURE

**4**





**LEGEND**

- APPROXIMATE SITE LOCATION
- WATERCOURSE
- WATERBODIES
- PALEOZOIC BEDROCK
- CLAY
- DIAMICTON
- ORGANIC DEPOSITS
- SAND



Data Source: Ministry of Natural Resources,  
 Ontario Base Mapping, March 2014.  
 Surficial Geology of Southern Ontario, MRD 128-REV,  
 Ontario Geological Survey, Ministry of Northern  
 Development and Mines.



**SURFICIAL GEOLOGY**

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT  
 TEXTBOOK STUDENT SUITES  
 774 Bronson Avenue  
 Ottawa, Ontario

DATE: DECEMBER 2015

SCALE: 1:25000

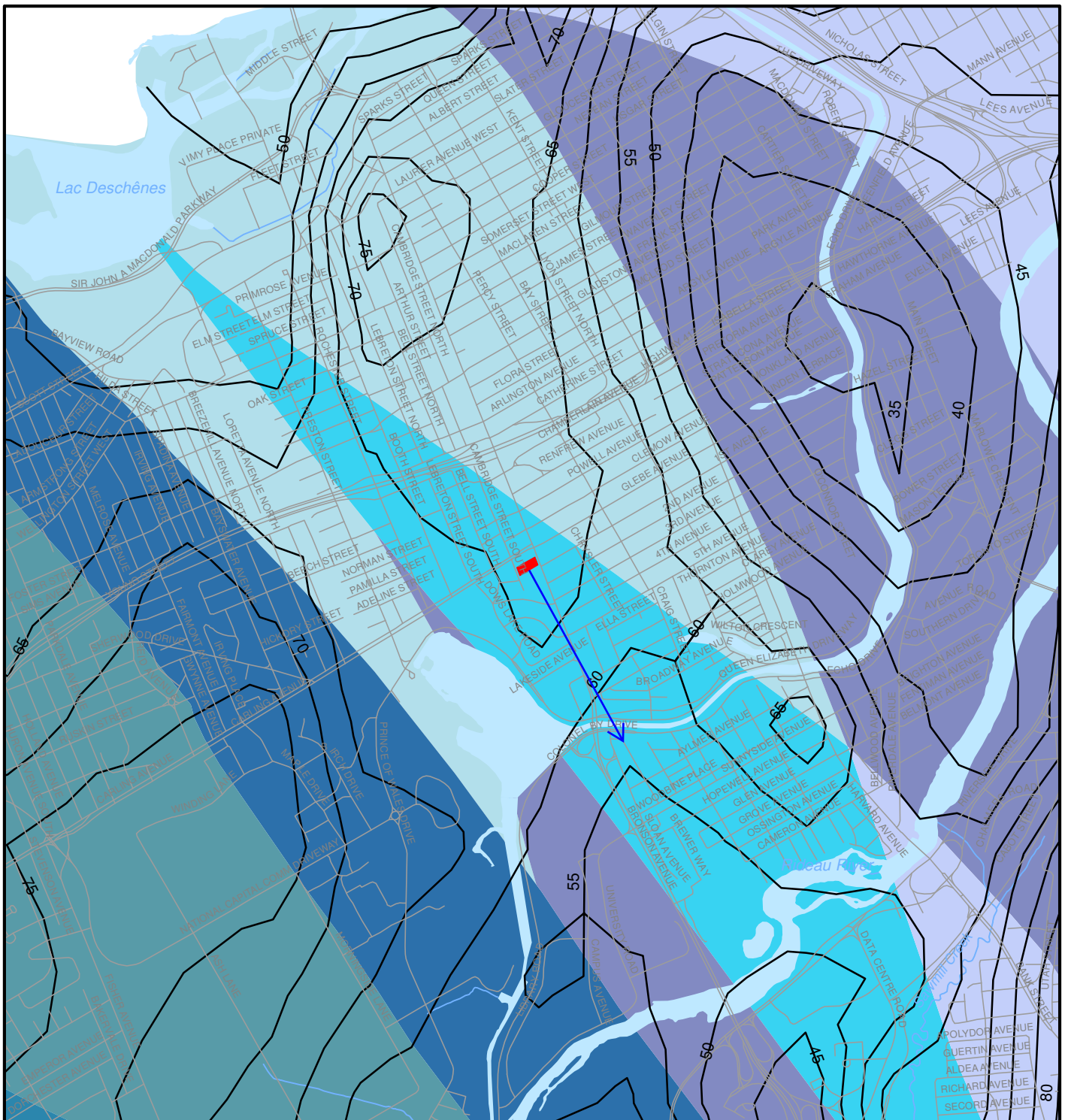
PROJECT: 151-12490-00 200

FILE. NO.:151-12490-00 200 F5



FIGURE

**5**



**LEGEND**

- APPROXIMATE SITE LOCATION
- BEDROCK ELEVATION (mASL) (5m INTERVAL)
- WATERBODIES
- ~ WATERCOURSE
- CARLSBAD FORMATION
- BILLINGS FORMATION
- LINDSAY FORMATION
- VERULAM FORMATION
- BOBCAYGEON FORMATION
- GULL RIVER FORMATION
- ROCKCLIFFE FORMATION

Data Source: Ministry of Natural Resources, Ontario Base Mapping, March 2014.  
 Bedrock Topography and Overburden Thickness Mapping, Southern Ontario, MRD 207,  
 Ministry of Northern Development and Mines.  
 Paleozoic Geology of Southern Ontario, MRD 219,  
 Ministry of Northern Development and Mines.



**BEDROCK TOPOGRAPHY AND GEOLOGY**

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT  
 TEXTBOOK STUDENT SUITES  
 774 Bronson Avenue  
 Ottawa, Ontario

DATE: DECEMBER 2015	SCALE: 1:25000
PROJECT: 151-12490-00 200	FILE. NO.: 151-12490-00 200 F6

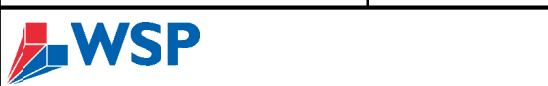
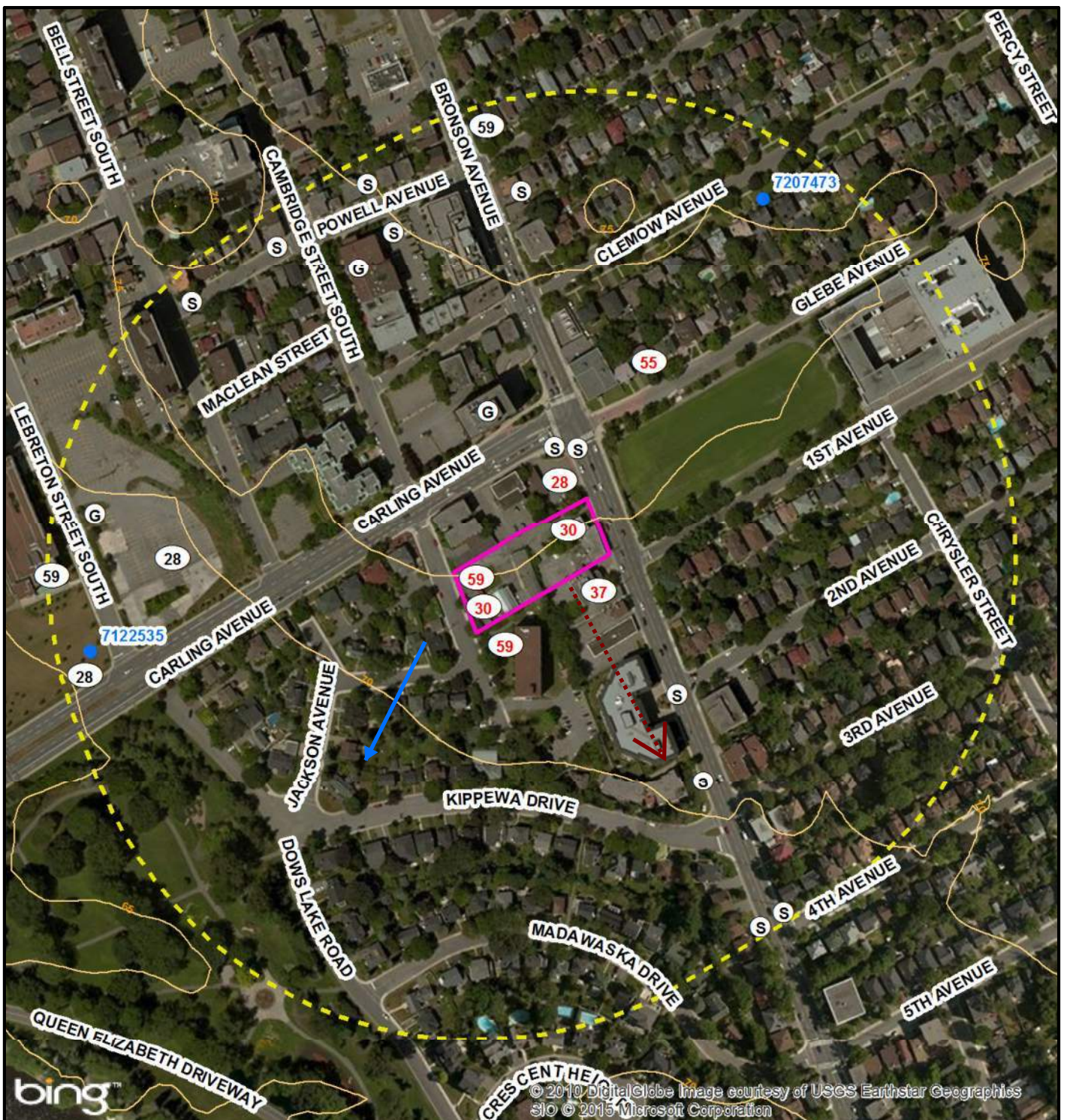


FIGURE  
6





**LEGEND**

- APPROXIMATE SITE LOCATION
- 250 M RADIUS FROM SITE
- MOECC WATER WELL LOCATION
- 5 METRE INTERVAL TOPOGRAPHIC CONTOURS (mASL)
- ➔ INFERRED GROUNDWATER FLOW DIRECTION
- 59 POTENTIALLY CONTAMINATING ACTIVITY ID
- G WASTE GENERATOR
- S SPILL



Data Source: Ministry of Natural Resources, Ontario Base Mapping, March 2014. Imagery, BING.



**PHASE 1 CONCEPTUAL SITE MODEL**

**PHASE 1 ENVIRONMENTAL SITE ASSESSMENT  
TEXTBOOK STUDENT SUITES**

774 Bronson Avenue  
Ottawa, Ontario

DATE: DECEMBER 2015

SCALE: 1:3500

PROJECT: 151-12490-00 200

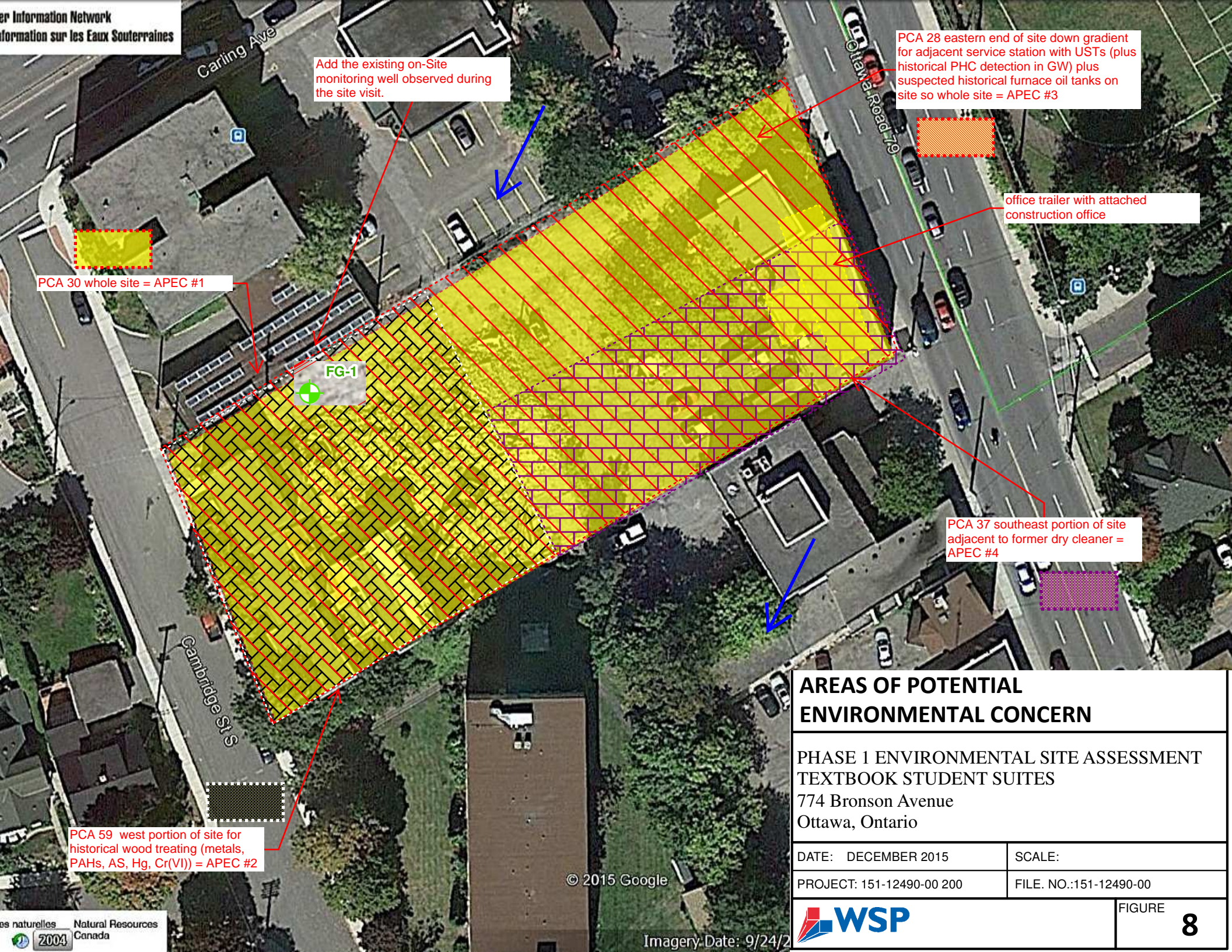
FILE. NO.: 151-12490-00 200 F7



FIGURE

**7**





Add the existing on-Site monitoring well observed during the site visit.

PCA 28 eastern end of site down gradient for adjacent service station with USTs (plus historical PHC detection in GW) plus suspected historical furnace oil tanks on site so whole site = APEC #3

PCA 30 whole site = APEC #1

office trailer with attached construction office

FG-1

PCA 37 southeast portion of site adjacent to former dry cleaner = APEC #4

PCA 59 west portion of site for historical wood treating (metals, PAHs, AS, Hg, Cr(VI)) = APEC #2

## AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT  
 TEXTBOOK STUDENT SUITES  
 774 Bronson Avenue  
 Ottawa, Ontario

DATE: DECEMBER 2015

SCALE:

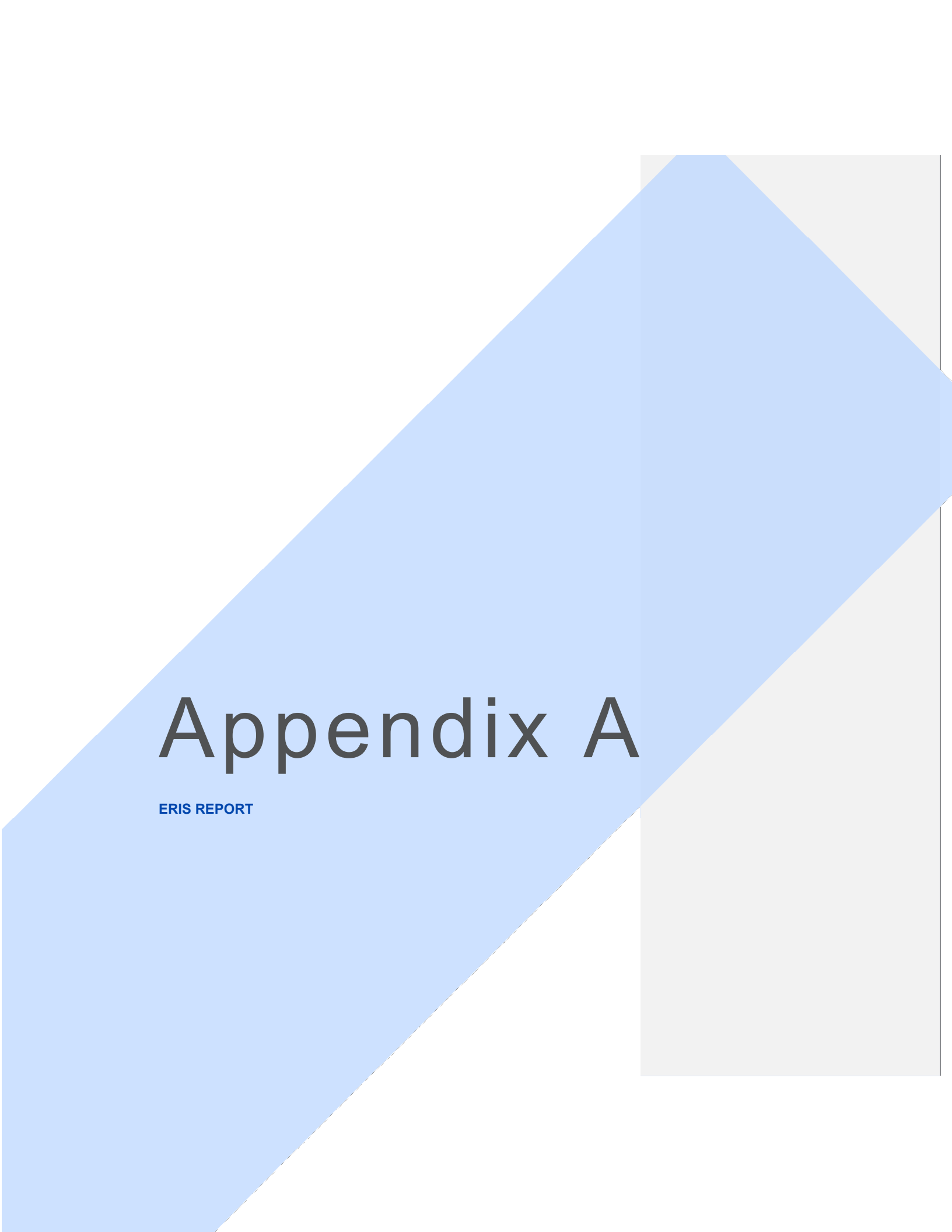
PROJECT: 151-12490-00 200

FILE. NO.:151-12490-00



FIGURE 8



The cover features a large, light blue diagonal shape on the left side, which tapers towards the top right. On the right side, there is a vertical grey rectangle. The text 'Appendix A' is centered horizontally across the middle of the page, overlapping both the blue shape and the grey rectangle. Below the main title, the words 'ERIS REPORT' are written in a smaller, blue, sans-serif font.

# Appendix A

ERIS REPORT



# DATABASE REPORT



**Project Property:** 744 Bronson Ave  
774 Bronson Ave  
Ottawa ON K1S4G4  
151-12490-00

**P.O. Number**

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

**Order #:** 20151124079

**Requested by:** WSP

**Date:** November 30, 2015

**Ecolog ERIS Ltd.**  
Environmental Risk Information  
Service Ltd. (ERIS)  
A division of Glacier Media Inc.  
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**[www.erisinfo.com](http://www.erisinfo.com)**



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# Executive Summary

## Property Information:

**Project Property:** 744 Bronson Ave  
774 Bronson Ave Ottawa ON K1S4G4

**P.O. Number:** 151-12490-00

## Order Information:

**Order No.:** 20151124079  
**Date Requested:** 01/12/2015  
**Requested by:** WSP  
**Report Type:** RSC Report (Urban)

## Additional Products:

**Aerial Photographs** National Collection - Digital (PDF)  
**Fire Insurance Maps** Canadian Fire Insurance Maps  
**Land Title Search** Historical Title Search  
**Topographic Map** Ontario Base Map (OBM)

# Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	6	6
CA	<i>Certificates of Approval</i>	Y	0	6	6
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	10	10
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	10	10
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	1	1
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	41	41
HINC	<i>TSSA Historic Incidents</i>	Y	0	7	7
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	1	1
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defence &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defence &amp; Canadian Forces Spills</i>	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGW	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	1	1
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	1	1
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	2	2
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	2	2
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	10	10
SPL	<i>Ontario Spills</i>	Y	0	7	7
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>TSSA Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	2	2
<b>Total:</b>			0	107	107

# 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

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist m</i>	<i>Elev diff m</i>	<i>Page Number</i>
<a href="#">1</a>	EXP	EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	NNE/18.0	0.48	<a href="#">22</a>
<a href="#">1</a>	EXP	EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	NNE/18.0	0.48	<a href="#">22</a>
<a href="#">1</a>	EXP	EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON	NNE/18.0	0.48	<a href="#">22</a>
<a href="#">1</a>	EXP	EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	NNE/18.0	0.48	<a href="#">22</a>
<a href="#">1</a>	EXP	EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	NNE/18.0	0.48	<a href="#">23</a>
<a href="#">1</a>	EXP	EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	NNE/18.0	0.48	<a href="#">23</a>
<a href="#">1</a>	EXP	EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	NNE/18.0	0.48	<a href="#">23</a>
<a href="#">1</a>	EXP	EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	NNE/18.0	0.48	<a href="#">23</a>
<a href="#">1</a>	EXP	EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	NNE/18.0	0.48	<a href="#">24</a>
<a href="#">1</a>	EXP	EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	NNE/18.0	0.48	<a href="#">24</a>
<a href="#">2</a>	EHS		770 Bronson Avenue Ottawa ON K1S 4G4	NNE/16.6	0.40	<a href="#">24</a>
<a href="#">2</a>	PRT	EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	NNE/16.6	0.40	<a href="#">24</a>
<a href="#">2</a>	PRT	EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S4G4	NNE/16.6	0.40	<a href="#">24</a>
<a href="#">3</a>	GEN	BLACK & MCDONALD LIMITED	557 CAMBRIDGE STREET SOUTH OTTAWA ON K1S 4J4	SW/3.7	-1.88	<a href="#">25</a>
<a href="#">3</a>	GEN	BLACK & MCDONALD LIMITED 05-619	557 CAMBRIDGE STREET SOUTH OTTAWA ON K1S 4J4	SW/3.7	-1.88	<a href="#">25</a>
<a href="#">4</a>	EHS		280 Carling Avenue Ottawa ON K1S 2E2	WNW/32.3	1.39	<a href="#">25</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>	EHS		256 Carling Avenue Ottawa ON K1S 2E1	N/37.0	0.74	<a href="#">25</a>
<a href="#">6</a>	SCT	K & R Dental Laboratories Ltd	794 Bronson Ave Ottawa ON K1S 4G4	SE/50.1	-2.43	<a href="#">25</a>
<a href="#">6</a>	SCT	K & R Dental Laboratories Ltd.	794 Bronson Ave Ottawa ON K1S 4G4	SE/50.1	-2.43	<a href="#">26</a>
<a href="#">6</a>	SCT	K&R Dental Laboratories Ltd.	794 Bronson Ave Ottawa ON K1S 4G4	SE/50.1	-2.43	<a href="#">26</a>
<a href="#">6</a>	SCT	Shaw Laboratories	794 Bronson Ave Ottawa ON K1S 4G4	SE/50.1	-2.43	<a href="#">26</a>
<a href="#">7</a>	EHS		788 Bronson Ottawa ON K1S 4G4	ESE/47.4	-2.34	<a href="#">26</a>
<a href="#">8</a>	SPL	OTTAWA HYDRO	CORNER OF CARLING & BRONSON OTTAWA TRANSFORMER OTTAWA CITY ON	NNE/53.6	0.24	<a href="#">26</a>
<a href="#">8</a>	SPL		Bronson Ave and Carling Ave Ottawa ON	NNE/53.6	0.24	<a href="#">27</a>
<a href="#">9</a>	EHS		265 Carling Ave Ottawa ON K1S 2E1	NNW/80.4	1.15	<a href="#">27</a>
<a href="#">9</a>	EHS		265 Carling Avenue Ottawa ON K1S 2E1	NNW/80.4	1.15	<a href="#">27</a>
<a href="#">9</a>	GEN	Taggart Corporation	265 Carling Ave Ottawa ON K1S 2E1	NNW/80.4	1.15	<a href="#">27</a>
<a href="#">9</a>	GEN	265 Carling Avenue Ltd.	265 Carling Ave Ottawa ON K1S 2E1	NNW/80.4	1.15	<a href="#">28</a>
<a href="#">9</a>	GEN	Taggart Corporation	265 Carling Ave Ottawa ON K1S 2E1	NNW/80.4	1.15	<a href="#">28</a>
<a href="#">9</a>	GEN	265 Carling Avenue Ltd.	265 Carling Ave Ottawa ON K1S 2E1	NNW/80.4	1.15	<a href="#">28</a>
<a href="#">9</a>	GEN	265 Carling Avenue Ltd.	265 Carling Ave Ottawa ON K1S 2E1	NNW/80.4	1.14	<a href="#">28</a>
<a href="#">9</a>	GEN	265 Carling Avenue Ltd.	265 Carling Ave Ottawa ON K1S 2E1	NNW/80.4	1.14	<a href="#">29</a>
<a href="#">9</a>	SCT	Beyond 20/20 Inc.	265 Carling Ave Suite 500 Ottawa ON K1S 2E1	NNW/80.4	1.15	<a href="#">29</a>
<a href="#">9</a>	SCT	Cdn Post-M.D. Education Regist	265 Carling Ave Suite 800 Ottawa ON K1S 2E1	NNW/80.4	1.15	<a href="#">29</a>
<a href="#">9</a>	SCT	Assn Faculties Medicine of Cda	265 Carling Ave Suite 800 Ottawa ON K1S 2E1	NNW/80.4	1.15	<a href="#">29</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="#">9</a>	SCT	Nortak Software Ltd.	265 Carling Ave Floor 7 Ottawa ON K1S 2E1	NNW/80.4	1.15	<a href="#">30</a>
<a href="#">9</a>	SCT	NORTAK SOFTWARE LTD	265 CARLING AVE FLOOR 7 OTTAWA ON K1S 2E1	NNW/80.4	1.15	<a href="#">30</a>
<a href="#">10</a>	GEN	Associated Endodontists	265 Carling Ave, unit 620 Ottawa ON	NW/84.8	1.38	<a href="#">30</a>
<a href="#">10</a>	GEN	265 Carling Avenue Ltd.	265 Carling Ave Ottawa ON	NW/84.8	1.38	<a href="#">30</a>
<a href="#">11</a>	CA	Carleton Condominium Corporation No. 472	550 Cambridge St S Ottawa ON	WNW/77.0	2.01	<a href="#">30</a>
<a href="#">12</a>	PINC		7 Frederick Place, Ottawa ON K1S 3G1	WSW/71.2	-4.34	<a href="#">31</a>
<a href="#">13</a>	CA	OTTAWA CITY, DESIGN & CONSTRUCTION DIV.	SECOND AVE./BRONSON AVE., CSO OTTAWA ON	SE/92.7	-3.45	<a href="#">31</a>
<a href="#">13</a>	CA	R.M. OF OTTAWA-CARLETON	SECOND AVE/BRONSON AVE/BANK ST OTTAWA ON	SE/92.7	-3.45	<a href="#">32</a>
<a href="#">14</a>	GEN	OTTAWA HYDRO	247 GLEBE AVENUE OTTAWA ON K1S 2C8	NNE/71.6	1.00	<a href="#">32</a>
<a href="#">14</a>	GEN	HYDRO OTTAWA LIMITED	247 GLEBE OTTAWA ON K1S 2C8	NNE/71.6	1.00	<a href="#">32</a>
<a href="#">15</a>	SPL	FIRST FUEL	812 BRONSON TANK TRUCK (CARGO) OTTAWA CITY ON K1S 4G4	SE/109.8	-3.22	<a href="#">33</a>
<a href="#">16</a>	CA	1737924 Ontario Inc.	804-824 Bronson Ave Ottawa ON	SE/138.7	-3.80	<a href="#">33</a>
<a href="#">17</a>	CA	R.M. OF OTTAWA-CARLETON	CLEMOV AVE/BRONSON AVE/BANK ST OTTAWA CITY ON	N/128.1	-0.60	<a href="#">33</a>
<a href="#">18</a>	EHS		Dow's Lake Rd. & Kippewa Drive Ottawa ON	S/119.5	-8.05	<a href="#">34</a>
<a href="#">19</a>	BORE		ON	N/135.1	-0.51	<a href="#">34</a>
<a href="#">20</a>	EHS		515 Cambridge St Ottawa ON K1S 4H9	NNW/169.5	0.21	<a href="#">34</a>
<a href="#">20</a>	EHS		515 Cambridge Street Ottawa ON K1S 4H9	NNW/169.5	0.21	<a href="#">34</a>
<a href="#">20</a>	GEN	OTTAWA BOARD OF EDUCATION	515 CAMBRIDGE STREET SOUTH BORDEN HIGH SCHOOL OTTAWA ON K1S 4H9	NNW/169.5	0.21	<a href="#">35</a>
<a href="#">20</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	BORDEN HIGH SCHOOL 515 CAMBRIDGE STREET SOUTH OTTAWA ON K1S 4H9	NNW/169.5	0.21	<a href="#">35</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="#">20</a>	GEN	OTTAWA BOARD OF EDUCATION	BORDEN HIGH SCHOOL 515 CAMBRIDGE ST. S. C/O 330 GILMOURST OTTAWA ON K2P 0P9	NNW/169.5	0.21	<a href="#">35</a>
<a href="#">20</a>	GEN	OTTAWA BOARD OF EDUCATION 29-129	BORDEN HIGH SCHOOL 515 CAMBRIDGE ST. S. C/O 330 GILMOURST OTTAWA ON K2P 0P9	NNW/169.5	0.21	<a href="#">36</a>
<a href="#">21</a>	GEN	Goodex Equipment Rental Ltd	515 Cambridge St. Ottawa ON	NNW/177.9	-1.82	<a href="#">36</a>
<a href="#">22</a>	HINC		407 3rd AVENUE OTTAWA ON	ESE/170.7	-4.24	<a href="#">36</a>
<a href="#">23</a>	CA	Canci Homes Corporation Inc.	385 Bell Street Ottawa ON	NW/187.8	1.61	<a href="#">37</a>
<a href="#">24</a>	SCT	SCAFFOLD-FAST INC.	385 BELL ST S OTTAWA ON K1S 4K3	WNW/188.4	1.63	<a href="#">37</a>
<a href="#">25</a>	HINC		418 3rd AVENUE OTTAWA ON	SE/200.5	-3.51	<a href="#">37</a>
<a href="#">26</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON	ENE/187.1	-0.16	<a href="#">38</a>
<a href="#">27</a>	SPL	PUC	POLE TRANSFORMER OPPOSITE 326 POWELL STREET. OTTAWA CITY ON K1S 2A8	NW/208.0	1.58	<a href="#">38</a>
<a href="#">28</a>	SPL	Hydro-Ottawa	272 Powell Street Ottawa ON K1S 2A5	N/202.5	-2.10	<a href="#">39</a>
<a href="#">29</a>	HINC		399 3rd AVENUE OTTAWA ON	ESE/199.2	-3.66	<a href="#">39</a>
<a href="#">30</a>	BORE		ON	NNE/194.9	-1.35	<a href="#">39</a>
<a href="#">31</a>	FCS		Ottawa ON	WNW/202.2	-6.52	<a href="#">40</a>
<a href="#">32</a>	HINC		408 3rd AVENUE OTTAWA ON	ESE/215.4	-4.32	<a href="#">40</a>
<a href="#">33</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	ENE/200.2	-1.21	<a href="#">41</a>
<a href="#">33</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	ENE/200.2	-1.21	<a href="#">41</a>
<a href="#">33</a>	GEN	OTTAWA BOARD OF EDUCATION 29-129	GLEBE COLLEGIATE INST., 212 GLEBE AVE. C/O 330 GILMOUR ST. OTTAWA ON K1S 2C9	ENE/200.2	-1.21	<a href="#">42</a>
<a href="#">33</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	ENE/200.2	-1.21	<a href="#">42</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="#">33</a>	GEN	OTTAWA BOARD OF EDUCATION	GLEBE COLLEGIATE INST., 212 GLEBE AVE. C/O 330 GILMOUR ST. OTTAWA ON K1S 2C9	ENE/200.2	-1.21	<a href="#">43</a>
<a href="#">33</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	ENE/200.2	-1.21	<a href="#">43</a>
<a href="#">33</a>	GEN	OTTAWA BOARD OF EDUCATION	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	ENE/200.2	-1.21	<a href="#">44</a>
<a href="#">33</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	ENE/200.2	-1.21	<a href="#">44</a>
<a href="#">33</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	ENE/200.2	-1.21	<a href="#">45</a>
<a href="#">34</a>	SPL		315 Powell Avenue<UNOFFICIAL> Ottawa ON	NNW/237.6	-0.07	<a href="#">46</a>
<a href="#">35</a>	GEN	Quantum Murray LP	401 Lebreton Street Ottawa ON	W/208.5	-8.89	<a href="#">46</a>
<a href="#">35</a>	GEN	GVT. OF CAN. - ENERGY MINES & RESOURCES	401 LEBRETON STREET OTTAWA ON K1A 0E8	W/208.5	-8.89	<a href="#">46</a>
<a href="#">35</a>	GEN	GVT. OF (OUT OF BUSINESS)ES & RESOURCES	401 LEBRETON STREET OTTAWA ON K1A 0E8	W/208.5	-8.89	<a href="#">46</a>
<a href="#">35</a>	GEN	GVT. OF CAN. - ENERGY MINES & RES.18-270	TERRAIN SCIENCES GEOLOGICAL SURVEY 401 LEBRETON ST. OTTAWA ON K1A 0E8	W/208.5	-8.89	<a href="#">47</a>
<a href="#">35</a>	GEN	GVT. OF CAN. - ENERGY MINES & RES.	TERRAIN SCIENCES GEOLOGICAL SURVEY 401 LEBRETON ST. OTTAWA ON K1A 0E8	W/208.5	-8.89	<a href="#">47</a>
<a href="#">35</a>	OPCB	ENERGY MINES AND RESOURCES	TERRAIN SCIENCES DIVISION 401 LIBRETON ST. OTTAWA ON	W/208.5	-8.89	<a href="#">4</a>
<a href="#">35</a>	PES	TERRAPRO CORPORATION	401-A LEBRETON STREET SOUTH OTTAWA ON K1S 4L5	W/208.5	-8.89	<a href="#">4</a>
<a href="#">36</a>	BORE		ON	NNW/239.6	-1.10	<a href="#">48</a>
<a href="#">37</a>	HINC		402 3rd AVENUE OTTAWA ON	ESE/231.6	-4.29	<a href="#">48</a>
<a href="#">38</a>	WWIS		Ottawa ON	W/224.6	-9.86	<a href="#">49</a>
<a href="#">39</a>	PINC		850 Bronson Avenue, Ottawa ON	SSE/254.7	-6.69	<a href="#">49</a>
<a href="#">40</a>	SPL	Enbridge Gas Distribution Inc.	680 Bronson Ave Ottawa ON	NNW/251.7	-2.05	<a href="#">50</a>
<a href="#">41</a>	BORE		ON	W/237.0	-9.85	<a href="#">50</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="#">42</a>	GEN	DEPT. OF NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON	W/255.8	-6.67	<a href="#">51</a>
<a href="#">42</a>	GEN	DEPT. OF NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON K1A 0E9	W/255.8	-6.67	<a href="#">51</a>
<a href="#">42</a>	GEN	DEPT. OF NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON K1A 0E9	W/255.8	-6.67	<a href="#">52</a>
<a href="#">42</a>	GEN	DEPT. OF NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON	W/255.8	-6.67	<a href="#">53</a>
<a href="#">42</a>	GEN	DEPT. OF NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON K1A 0E9	W/255.8	-6.67	<a href="#">54</a>
<a href="#">42</a>	GEN	GVT OF CAN - NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON K1A 0E9	W/255.8	-6.67	<a href="#">55</a>
<a href="#">42</a>	GEN	DEPT. OF NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON	W/255.8	-6.67	<a href="#">55</a>
<a href="#">42</a>	GEN	GVT OF CAN - NATIONAL DEFENSE 17-505	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON K1A 0E9	W/255.8	-6.67	<a href="#">56</a>
<a href="#">42</a>	GEN	DEPT. OF NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON	W/255.8	-6.67	<a href="#">57</a>
<a href="#">43</a>	INC		860 BRONSON AVENUE, OTTAWA ON K1S 4G7	SSE/292.8	-6.08	<a href="#">58</a>
<a href="#">44</a>	WWIS		ON	NE/261.3	-1.79	<a href="#">58</a>
<a href="#">45</a>	HINC		659 BRONSON AVENUE OTTAWA ON	N/294.3	-3.09	<a href="#">59</a>
<a href="#">45</a>	HINC		659 BRONSON AVENUE OTTAWA ON	N/294.3	-3.09	<a href="#">59</a>
<a href="#">46</a>	EHS		345 Lebreton Street Ottawa ON K1A 0E9	WNW/289.4	-2.94	<a href="#">59</a>
<a href="#">47</a>	BORE		ON	NE/276.6	-1.93	<a href="#">60</a>
<a href="#">48</a>	BORE		ON	NE/283.1	-0.32	<a href="#">60</a>

# Executive Summary: Summary By Data Source

## **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2014 has found that there are 6 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	135.1	<a href="#"><u>19</u></a>
	ON	194.9	<a href="#"><u>30</u></a>
	ON	239.6	<a href="#"><u>36</u></a>
	ON	237.0	<a href="#"><u>41</u></a>
	ON	276.6	<a href="#"><u>47</u></a>
	ON	283.1	<a href="#"><u>48</u></a>

## **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 6 CA site(s) within approximately 0.30 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>
Carleton Condominium Corporation No. 472	550 Cambridge St S Ottawa ON	77.0	<a href="#"><u>11</u></a>
R.M. OF OTTAWA-CARLETON	SECOND AVE/BRONSON AVE/BANK ST OTTAWA ON	92.7	<a href="#"><u>13</u></a>
OTTAWA CITY, DESIGN & CONSTRUCTION DIV.	SECOND AVE./BRONSON AVE., CSO OTTAWA ON	92.7	<a href="#"><u>13</u></a>
1737924 Ontario Inc.	804-824 Bronson Ave Ottawa ON	138.7	<a href="#"><u>16</u></a>
R.M. OF OTTAWA-CARLETON	CLEMOW AVE/BRONSON AVE/BANK ST OTTAWA CITY ON	128.1	<a href="#"><u>17</u></a>
Canci Homes Corporation Inc.	385 Bell Street Ottawa ON	187.8	<a href="#"><u>23</u></a>

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Aug 2014 has found that there are 10 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>
	770 Bronson Avenue Ottawa ON K1S 4G4	16.6	<a href="#"><u>2</u></a>
	280 Carling Avenue Ottawa ON K1S 2E2	32.3	<a href="#"><u>4</u></a>
	256 Carling Avenue Ottawa ON K1S 2E1	37.0	<a href="#"><u>5</u></a>
	788 Bronson Ottawa ON K1S 4G4	47.4	<a href="#"><u>7</u></a>
	265 Carling Avenue Ottawa ON K1S 2E1	80.4	<a href="#"><u>9</u></a>
	265 Carling Ave Ottawa ON K1S 2E1	80.4	<a href="#"><u>9</u></a>
	Dow's Lake Rd. & Kippewa Drive Ottawa ON	119.5	<a href="#"><u>18</u></a>
	515 Cambridge St Ottawa ON K1S 4H9	169.5	<a href="#"><u>20</u></a>
	515 Cambridge Street Ottawa ON K1S 4H9	169.5	<a href="#"><u>20</u></a>
	345 Lebreton Street Ottawa ON K1A 0E9	289.4	<a href="#"><u>46</u></a>

### **EXP - List of TSSA Expired Facilities**

A search of the EXP database, dated Current to Nov 2014 has found that there are 10 EXP site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	18.0	<a href="#"><u>1</u></a>
EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	18.0	<a href="#"><u>1</u></a>
EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	18.0	<a href="#"><u>1</u></a>
EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	18.0	<a href="#"><u>1</u></a>
EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	18.0	<a href="#"><u>1</u></a>
EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON	18.0	<a href="#"><u>1</u></a>
EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	18.0	<a href="#"><u>1</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	18.0	<a href="#">1</a>
EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	18.0	<a href="#">1</a>

### **FCS - Contaminated Sites on Federal Land**

A search of the FCS database, dated June 2000-Jul 2015 has found that there are 1 FCS 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>
	Ottawa ON	202.2	<a href="#">31</a>

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

A search of the GEN database, dated 1986-May 2015 has found that there are 41 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
BLACK & MCDONALD LIMITED	557 CAMBRIDGE STREET SOUTH OTTAWA ON K1S 4J4	3.7	<a href="#">3</a>
BLACK & MCDONALD LIMITED 05-619	557 CAMBRIDGE STREET SOUTH OTTAWA ON K1S 4J4	3.7	<a href="#">3</a>
Taggart Corporation	265 Carling Ave Ottawa ON K1S 2E1	80.4	<a href="#">9</a>
265 Carling Avenue Ltd.	265 Carling Ave Ottawa ON K1S 2E1	80.4	<a href="#">9</a>
265 Carling Avenue Ltd.	265 Carling Ave Ottawa ON K1S 2E1	80.4	<a href="#">9</a>
265 Carling Avenue Ltd.	265 Carling Ave Ottawa ON K1S 2E1	80.4	<a href="#">9</a>
265 Carling Avenue Ltd.	265 Carling Ave Ottawa ON K1S 2E1	80.4	<a href="#">9</a>
Taggart Corporation	265 Carling Ave Ottawa ON K1S 2E1	80.4	<a href="#">9</a>
Associated Endodontists	265 Carling Ave, unit 620 Ottawa ON	84.8	<a href="#">10</a>
265 Carling Avenue Ltd.	265 Carling Ave Ottawa ON	84.8	<a href="#">10</a>
OTTAWA HYDRO	247 GLEBE AVENUE OTTAWA ON K1S 2C8	71.6	<a href="#">14</a>
HYDRO OTTAWA LIMITED	247 GLEBE OTTAWA ON K1S 2C8	71.6	<a href="#">14</a>
OTTAWA BOARD OF EDUCATION	515 CAMBRIDGE STREET SOUTH BORDEN HIGH SCHOOL OTTAWA ON K1S 4H9	169.5	<a href="#">20</a>

<b>Site</b>	<b>Address</b>	<b>Distance m</b>	<b>Map Key</b>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	BORDEN HIGH SCHOOL 515 CAMBRIDGE STREET SOUTH OTTAWA ON K1S 4H9	169.5	<a href="#">20</a>
OTTAWA BOARD OF EDUCATION	BORDEN HIGH SCHOOL 515 CAMBRIDGE ST. S. C/O 330 GILMOURST OTTAWA ON K2P 0P9	169.5	<a href="#">20</a>
OTTAWA BOARD OF EDUCATION 29-129	BORDEN HIGH SCHOOL 515 CAMBRIDGE ST. S. C/O 330 GILMOURST OTTAWA ON K2P 0P9	169.5	<a href="#">20</a>
Goodex Equipment Rental Ltd	515 Cambridge St. Ottawa ON	177.9	<a href="#">21</a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON	187.1	<a href="#">26</a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	200.2	<a href="#">33</a>
OTTAWA BOARD OF EDUCATION	GLEBE COLLEGIATE INST., 212 GLEBE AVE. C/O 330 GILMOUR ST. OTTAWA ON K1S 2C9	200.2	<a href="#">33</a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	200.2	<a href="#">33</a>
OTTAWA BOARD OF EDUCATION	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	200.2	<a href="#">33</a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	200.2	<a href="#">33</a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	200.2	<a href="#">33</a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	200.2	<a href="#">33</a>
OTTAWA BOARD OF EDUCATION 29-129	GLEBE COLLEGIATE INST., 212 GLEBE AVE. C/O 330 GILMOUR ST. OTTAWA ON K1S 2C9	200.2	<a href="#">33</a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	200.2	<a href="#">33</a>
Quantum Murray LP	401 Lebreton Street Ottawa ON	208.5	<a href="#">35</a>
GVT. OF CAN. - ENERGY MINES & RESOURCES	401 LEBRETON STREET OTTAWA ON K1A 0E8	208.5	<a href="#">35</a>
GVT. OF (OUT OF BUSINESS)ES & RESOURCES	401 LEBRETON STREET OTTAWA ON K1A 0E8	208.5	<a href="#">35</a>
GVT. OF CAN. - ENERGY MINES & RES.18-270	TERRAIN SCIENCES GEOLOGICAL SURVEY 401 LEBRETON ST. OTTAWA ON K1A 0E8	208.5	<a href="#">35</a>
GVT. OF CAN. - ENERGY MINES & RES.	TERRAIN SCIENCES GEOLOGICAL SURVEY 401 LEBRETON ST. OTTAWA ON K1A 0E8	208.5	<a href="#">35</a>
DEPT. OF NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON	255.8	<a href="#">42</a>

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
DEPT. OF NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON K1A 0E9	255.8	<a href="#">42</a>
DEPT. OF NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON K1A 0E9	255.8	<a href="#">42</a>
DEPT. OF NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON	255.8	<a href="#">42</a>
DEPT. OF NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON K1A 0E9	255.8	<a href="#">42</a>
GVT OF CAN - NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON K1A 0E9	255.8	<a href="#">42</a>
DEPT. OF NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON	255.8	<a href="#">42</a>
GVT OF CAN - NATIONAL DEFENSE 17-505	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON K1A 0E9	255.8	<a href="#">42</a>
DEPT. OF NATIONAL DEFENSE	MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON	255.8	<a href="#">42</a>

### HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009\* has found that there are 7 HINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
	407 3rd AVENUE OTTAWA ON	170.7	<a href="#">22</a>
	418 3rd AVENUE OTTAWA ON	200.5	<a href="#">25</a>
	399 3rd AVENUE OTTAWA ON	199.2	<a href="#">29</a>
	408 3rd AVENUE OTTAWA ON	215.4	<a href="#">32</a>
	402 3rd AVENUE OTTAWA ON	231.6	<a href="#">37</a>
	659 BRONSON AVENUE OTTAWA ON	294.3	<a href="#">45</a>
	659 BRONSON AVENUE OTTAWA ON	294.3	<a href="#">45</a>

## **INC - TSSA Incidents**

A search of the INC database, dated June 2009-2014 has found that there are 1 INC 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>
	860 BRONSON AVENUE, OTTAWA ON K1S 4G7	292.8	<a href="#">43</a>

## **OPCB - Inventory of PCB Storage Sites**

A search of the OPCB database, dated 1987-Oct 2004; 2012-Dec 2013 has found that there are 1 OPCB 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>
ENERGY MINES AND RESOURCES	TERRAIN SCIENCES DIVISION 401 LIBRETON ST. OTTAWA ON	208.5	<a href="#">35</a>

## **PES - Pesticide Register**

A search of the PES database, dated 1988-Jun 2013 has found that there are 1 PES 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>
TERRAPRO CORPORATION	401-A LEBRETON STREET SOUTH OTTAWA ON K1S 4L5	208.5	<a href="#">35</a>

## **PINC - TSSA Pipeline Incidents**

A search of the PINC database, dated June 2009-2014 has found that there are 2 PINC 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>
	7 Frederick Place, Ottawa ON K1S 3G1	71.2	<a href="#">12</a>
	850 Bronson Avenue, Ottawa ON	254.7	<a href="#">39</a>

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

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

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance m</u></b>	<b><u>Map Key</u></b>
EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S 4G4	16.6	<a href="#">2</a>

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
EMILIO LINDIA ENTERPRISES LTD	770 BRONSON AV OTTAWA ON K1S4G4	16.6	<a href="#"><u>2</u></a>

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

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 10 SCT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
Shaw Laboratories	794 Bronson Ave Ottawa ON K1S 4G4	50.1	<a href="#"><u>6</u></a>
K&R Dental Laboratories Ltd.	794 Bronson Ave Ottawa ON K1S 4G4	50.1	<a href="#"><u>6</u></a>
K & R Dental Laboratories Ltd.	794 Bronson Ave Ottawa ON K1S 4G4	50.1	<a href="#"><u>6</u></a>
K & R Dental Laboratories Ltd	794 Bronson Ave Ottawa ON K1S 4G4	50.1	<a href="#"><u>6</u></a>
Beyond 20/20 Inc.	265 Carling Ave Suite 500 Ottawa ON K1S 2E1	80.4	<a href="#"><u>9</u></a>
Cdn Post-M.D. Education Regist	265 Carling Ave Suite 800 Ottawa ON K1S 2E1	80.4	<a href="#"><u>9</u></a>
Assn Faculties Medicine of Cda	265 Carling Ave Suite 800 Ottawa ON K1S 2E1	80.4	<a href="#"><u>9</u></a>
Nortak Software Ltd.	265 Carling Ave Floor 7 Ottawa ON K1S 2E1	80.4	<a href="#"><u>9</u></a>
NORTAK SOFTWARE LTD	265 CARLING AVE FLOOR 7 OTTAWA ON K1S 2E1	80.4	<a href="#"><u>9</u></a>
SCAFFOLD-FAST INC.	385 BELL ST S OTTAWA ON K1S 4K3	188.4	<a href="#"><u>24</u></a>

### **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Feb 2014 has found that there are 7 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>
OTTAWA HYDRO	CORNER OF CARLING & BRONSON OTTAWA TRANSFORMER OTTAWA CITY ON	53.6	<a href="#"><u>8</u></a>
	Bronson Ave and Carling Ave Ottawa ON	53.6	<a href="#"><u>8</u></a>
FIRST FUEL	812 BRONSON TANK TRUCK (CARGO) OTTAWA CITY ON K1S 4G4	109.8	<a href="#"><u>15</u></a>
PUC	POLE TRANSFORMER OPPOSITE 326 POWELL STREET. OTTAWA CITY ON K1S 2A8	208.0	<a href="#"><u>27</u></a>
Hydro-Ottawa	272 Powell Street Ottawa ON K1S 2A5	202.5	<a href="#"><u>28</u></a>

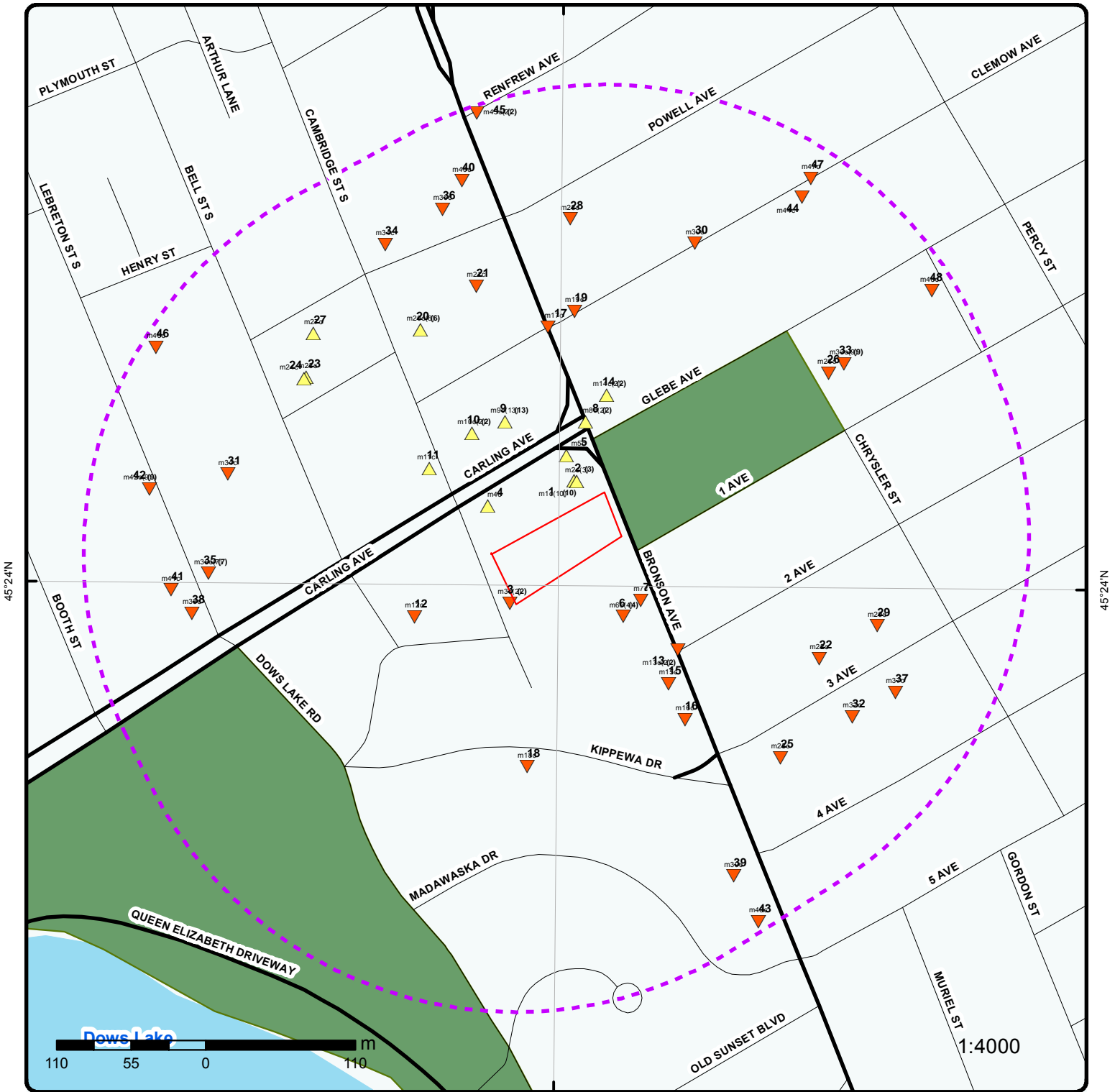
<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
	315 Powell Avenue<UNOFFICIAL> Ottawa ON	237.6	<a href="#">34</a>
Enbridge Gas Distribution Inc.	680 Bronson Ave Ottawa ON	251.7	<a href="#">40</a>

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

A search of the WWIS database, dated 1955-Mar 2014 has found that there are 2 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>
	Ottawa ON	224.6	<a href="#">38</a>
	ON	261.3	<a href="#">44</a>





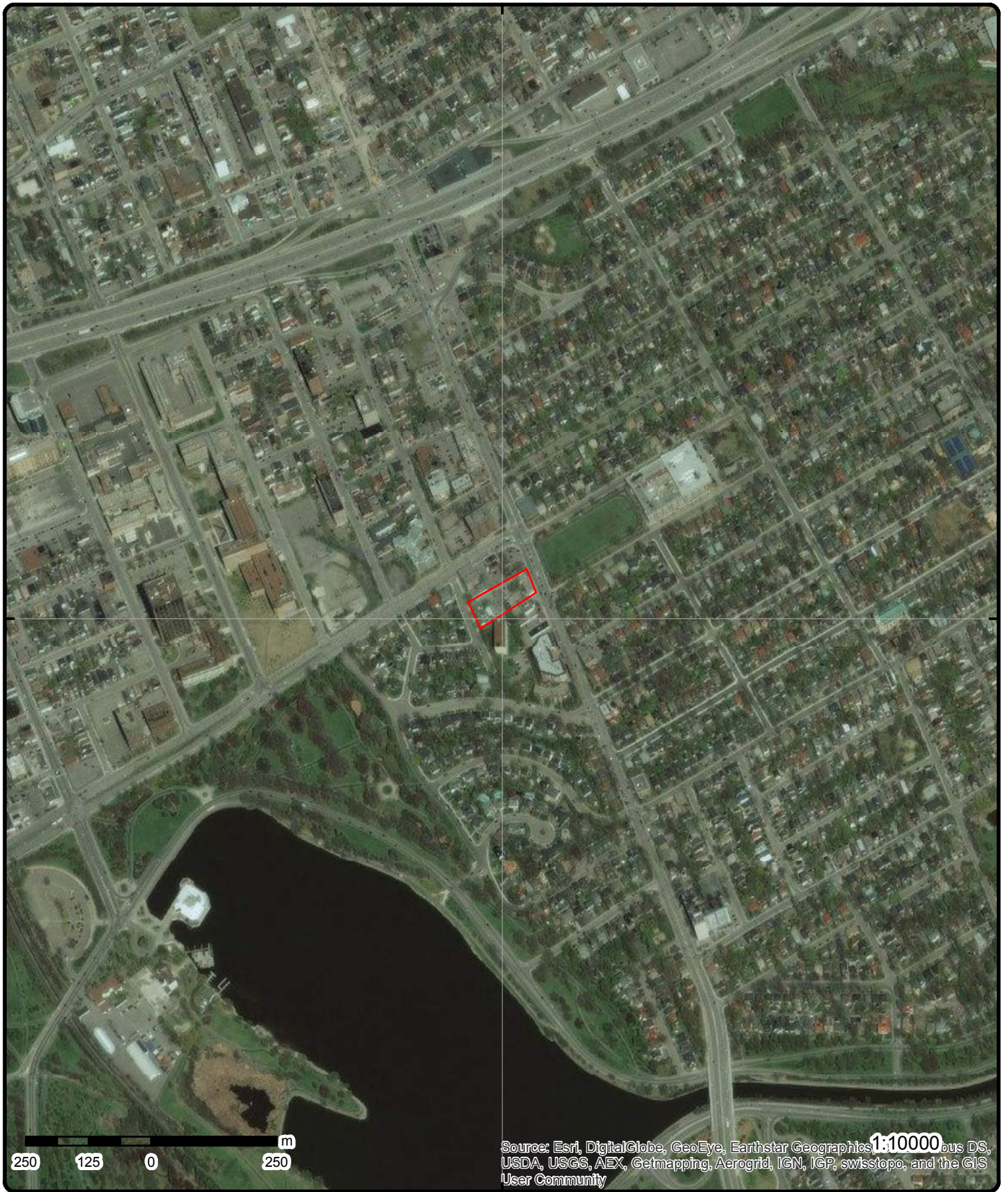
# Map

Order No: 20151124079

Address: 774 Bronson Ave, Ottawa, ON, K1S4G4

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	Abandoned Line	Other Recreation Area
	Proposed Road		
	Ferry Route/Ice Road		





# Aerial

Order No: 20151124079

Address: 774 Bronson Ave, Ottawa, ON, K1S4G4

# Detail Report

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<a href="#">1</a>	1 of 10	NNE/18.0	76.6	EMILIO LINDIA ENTERPRISES LTD 770 BRONSON AV OTTAWA ON K1S 4G4	EXP
Instance ID:		79137			
TSSA Program Area:					
Maximum Hazard Rank:					
Expired Date:		7/17/1996			
Instance Number:		11326312			
Instance Type:		FS Liquid Fuel Tank			
Status:		EXPIRED			
Description:		FS Gasoline Station - Full Serve			
<a href="#">1</a>	2 of 10	NNE/18.0	76.6	EMILIO LINDIA ENTERPRISES LTD 770 BRONSON AV OTTAWA ON K1S 4G4	EXP
Instance ID:					
TSSA Program Area:					
Maximum Hazard Rank:					
Expired Date:		7/17/1996			
Instance Number:		11326353			
Instance Type:		FS Liquid Fuel Tank			
Status:		EXPIRED			
Description:					
<a href="#">1</a>	3 of 10	NNE/18.0	76.6	EMILIO LINDIA ENTERPRISES LTD 770 BRONSON AV OTTAWA ON	EXP
Instance ID:		11548			
TSSA Program Area:					
Maximum Hazard Rank:					
Expired Date:					
Instance Number:		10075444			
Instance Type:		FS Facility			
Status:		EXPIRED			
Description:		FS Propane Cylr Handling Facility			
<a href="#">1</a>	4 of 10	NNE/18.0	76.6	EMILIO LINDIA ENTERPRISES LTD 770 BRONSON AV OTTAWA ON K1S 4G4	EXP
Instance ID:		79047			
TSSA Program Area:					
Maximum Hazard Rank:					
Expired Date:		7/17/1996			



Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<i>Instance Number:</i>		11326332			
<i>Instance Type:</i>		FS Liquid Fuel Tank			
<i>Status:</i>		EXPIRED			
<i>Description:</i>		FS Gasoline Station - Full Serve			
<a href="#">1</a>	5 of 10	NNE/18.0	76.6	EMILIO LINDIA ENTERPRISES LTD 770 BRONSON AV OTTAWA ON K1S 4G4	EXP
<i>Instance ID:</i>		52218			
<i>TSSA Program Area:</i>					
<i>Maximum Hazard Rank:</i>					
<i>Expired Date:</i>		7/17/1996			
<i>Instance Number:</i>		10901584			
<i>Instance Type:</i>		FS Liquid Fuel Tank			
<i>Status:</i>		EXPIRED			
<i>Description:</i>		FS Gasoline Station - Full Serve			
<a href="#">1</a>	6 of 10	NNE/18.0	76.6	EMILIO LINDIA ENTERPRISES LTD 770 BRONSON AV OTTAWA ON K1S 4G4	EXP
<i>Instance ID:</i>					
<i>TSSA Program Area:</i>					
<i>Maximum Hazard Rank:</i>					
<i>Expired Date:</i>		7/17/1996			
<i>Instance Number:</i>		9555979			
<i>Instance Type:</i>		FS Facility			
<i>Status:</i>		EXPIRED			
<i>Description:</i>					
<a href="#">1</a>	7 of 10	NNE/18.0	76.6	EMILIO LINDIA ENTERPRISES LTD 770 BRONSON AV OTTAWA ON K1S 4G4	EXP
<i>Instance ID:</i>					
<i>TSSA Program Area:</i>					
<i>Maximum Hazard Rank:</i>					
<i>Expired Date:</i>		7/17/1996			
<i>Instance Number:</i>		11326332			
<i>Instance Type:</i>		FS Liquid Fuel Tank			
<i>Status:</i>		EXPIRED			
<i>Description:</i>					
<a href="#">1</a>	8 of 10	NNE/18.0	76.6	EMILIO LINDIA ENTERPRISES LTD 770 BRONSON AV OTTAWA ON K1S 4G4	EXP
<i>Instance ID:</i>		78442			
<i>TSSA Program Area:</i>					
<i>Maximum Hazard Rank:</i>					
<i>Expired Date:</i>		7/17/1996			
<i>Instance Number:</i>		11326353			
<i>Instance Type:</i>		FS Liquid Fuel Tank			
<i>Status:</i>		EXPIRED			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<i>Description:</i>		FS Gasoline Station - Full Serve			
<u>1</u>	9 of 10	NNE/18.0	76.6	EMILIO LINDIA ENTERPRISES LTD 770 BRONSON AV OTTAWA ON K1S 4G4	EXP
<i>Instance ID:</i>					
<i>TSSA Program Area:</i>					
<i>Maximum Hazard Rank:</i>					
<i>Expired Date:</i>		7/17/1996			
<i>Instance Number:</i>		10901584			
<i>Instance Type:</i>		FS Liquid Fuel Tank			
<i>Status:</i>		EXPIRED			
<i>Description:</i>					
<u>1</u>	10 of 10	NNE/18.0	76.6	EMILIO LINDIA ENTERPRISES LTD 770 BRONSON AV OTTAWA ON K1S 4G4	EXP
<i>Instance ID:</i>					
<i>TSSA Program Area:</i>					
<i>Maximum Hazard Rank:</i>					
<i>Expired Date:</i>		7/17/1996			
<i>Instance Number:</i>		11326312			
<i>Instance Type:</i>		FS Liquid Fuel Tank			
<i>Status:</i>		EXPIRED			
<i>Description:</i>					
<u>2</u>	1 of 3	NNE/16.6	76.5	770 Bronson Avenue Ottawa ON K1S 4G4	EHS
<i>Order No.:</i>		20100203003			
<i>Report Date:</i>		2/9/2010			
<i>Report Type:</i>		Custom Report			
<i>Search Radius (km):</i>		0.25			
<i>Addit. Info Ordered:</i>					
<u>2</u>	2 of 3	NNE/16.6	76.5	EMILIO LINDIA ENTERPRISES LTD 770 BRONSON AV OTTAWA ON K1S 4G4	PRT
<i>Location ID:</i>		10887			
<i>Type:</i>		retail			
<i>Expiry Date:</i>		1995-07-31			
<i>Capacity (L):</i>		0			
<i>Licence #:</i>		0023005001			
<u>2</u>	3 of 3	NNE/16.6	76.5	EMILIO LINDIA ENTERPRISES LTD 770 BRONSON AV OTTAWA ON K1S4G4	PRT
<i>Location ID:</i>		10887			
<i>Type:</i>		retail			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Expiry Date:		1995-04-30			
Capacity (L):		0			
Licence #:		0076416510			
<a href="#">3</a>	1 of 2	SW/3.7	74.2	<b>BLACK &amp; MCDONALD LIMITED 557 CAMBRIDGE STREET SOUTH OTTAWA ON K1S 4J4</b>	GEN
Generator #:		ON0264002			
Approval Yrs:		98			
SIC Code:		4261			
SIC Description:		ELECTRIAL WORK			
--- Details ---					
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
<a href="#">3</a>	2 of 2	SW/3.7	74.2	<b>BLACK &amp; MCDONALD LIMITED 619 557 CAMBRIDGE STREET SOUTH OTTAWA ON K1S 4J4</b>	05- GEN
Generator #:		ON0264002			
Approval Yrs:		92,93,94,95,96,97			
SIC Code:		4261			
SIC Description:		ELECTRIAL WORK			
--- Details ---					
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
<a href="#">4</a>	1 of 1	WNW/32.3	77.5	<b>280 Carling Avenue Ottawa ON K1S 2E2</b>	EHS
Order No.:		20091222046			
Report Date:		12/31/2009			
Report Type:		Custom Report			
Search Radius (km):		0.25			
Addit. Info Ordered:					
<a href="#">5</a>	1 of 1	N/37.0	76.8	<b>256 Carling Avenue Ottawa ON K1S 2E1</b>	EHS
Order No.:		20060222007			
Report Date:		3/2/2006			
Report Type:		Complete Report			
Search Radius (km):		0.25			
Addit. Info Ordered:		Fire Insur. Maps and/or Site Plans; City Directory			
<a href="#">6</a>	1 of 4	SE/50.1	73.7	<b>K &amp; R Dental Laboratories Ltd 794 Bronson Ave Ottawa ON K1S 4G4</b>	GCT
Established:					
Plant Size (ft²):					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<i>Employment:</i>					
--- Details ---					
SIC/NAICS Code:		339110			
Description:		Medical Equipment and Supplies Manufacturing			
<a href="#">6</a>	2 of 4	SE/50.1	73.7	<b>K &amp; R Dental Laboratories Ltd. 794 Bronson Ave Ottawa ON K1S 4G4</b>	<b>SCT</b>
<i>Established:</i>					
Plant Size (ft²):					
Employment:		25			
--- Details ---					
SIC/NAICS Code:		339110			
Description:		Medical Equipment and Supplies Manufacturing			
<a href="#">6</a>	3 of 4	SE/50.1	73.7	<b>K&amp;R Dental Laboratories Ltd. 794 Bronson Ave Ottawa ON K1S 4G4</b>	<b>SCT</b>
<i>Established:</i>					
Plant Size (ft²):		01-AUG-92			
Employment:		3000			
--- Details ---					
SIC/NAICS Code:		339110			
Description:		Medical Equipment and Supplies Manufacturing			
+					
SIC/NAICS Code:		339110			
Description:		Medical Equipment and Supplies Manufacturing			
<a href="#">6</a>	4 of 4	SE/50.1	73.7	<b>Shaw Laboratories 794 Bronson Ave Ottawa ON K1S 4G4</b>	<b>SCT</b>
<i>Established:</i>					
Plant Size (ft²):					
Employment:		23			
--- Details ---					
SIC/NAICS Code:		339110			
Description:		Medical Equipment and Supplies Manufacturing			
<a href="#">7</a>	1 of 1	ESE/47.4	73.7	<b>788 Bronson Ottawa ON K1S 4G4</b>	<b>EHS</b>
Order No.:		20060206001			
Report Date:		2/9/2006			
Report Type:		Custom Report			
Search Radius (km):		0.25			
Addit. Info Ordered:		Fire Insur. Maps and/or Site Plans			
<a href="#">8</a>	1 of 2	NNE/53.6	76.3	<b>OTTAWA HYDRO CORNER OF CARLING &amp; BRONSON OTTAWA TRANSFORMER</b>	<b>SPL</b>



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance m</b>	<b>Elevation m</b>	<b>Site</b>	<b>DB</b>
<b>OTTAWA CITY ON</b>					
Ref No.:	58100				
Incident Dt:	10/2/1991				
MOE Reported Dt:	10/2/1991				
Contaminant Name:					
Contaminant Quantity:					
Incident Summary:	OTTAWA HYDRO- 14L NON-PCBTRANSFORMER OIL TO GROUND& STORM SEWER.				
Incident Cause:	COOLING SYSTEM LEAK				
Incident Reason:	INTENTIONAL/PLANNED				
Nature of Impact:	Surface Water Pollution				
Receiving Medium:	LAND / WATER				
Environmental Impact:	NOT ANTICIPATED				
<b><u>8</u></b>	<b>2 of 2</b>	<b>NNE/53.6</b>	<b>76.3</b>	<b>Bronson Ave and Carling Ave Ottawa ON</b>	<b>SPL</b>
Ref No.:	2440-5SQ73H				
Incident Dt:	10/26/2003				
MOE Reported Dt:	10/26/2003				
Contaminant Name:	GASOLINE				
Contaminant Quantity:	1 L				
Incident Summary:	Ottawa:MVA, ukn vol gas to sewers				
Incident Cause:					
Incident Reason:					
Nature of Impact:	Surface Water Pollution				
Receiving Medium:	Water				
Environmental Impact:	Possible				
<b><u>9</u></b>	<b>1 of 13</b>	<b>NNW/80.4</b>	<b>77.2</b>	<b>265 Carling Ave Ottawa ON K1S 2E1</b>	<b>EHS</b>
Order No.:	20120330051				
Report Date:	4/11/2012 4:45:31 PM				
Report Type:	Standard Report				
Search Radius (km):	0.25				
Addit. Info Ordered:					
<b><u>9</u></b>	<b>2 of 13</b>	<b>NNW/80.4</b>	<b>77.2</b>	<b>265 Carling Avenue Ottawa ON K1S 2E1</b>	<b>EHS</b>
Order No.:	20120830060				
Report Date:	31-AUG-12				
Report Type:	Site Report				
Search Radius (km):	.25				
Addit. Info Ordered:					
<b><u>9</u></b>	<b>3 of 13</b>	<b>NNW/80.4</b>	<b>77.2</b>	<b>Taggart Corporation 265 Carling Ave Ottawa ON K1S 2E1</b>	<b>GEN</b>
Generator #:	ON2678739				
Approval Yrs:	07,08				
SIC Code:	531310				

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<i>SIC Description:</i>		Real Estate Property Managers			
--- Details ---					
<i>Waste Code:</i>		243			
<i>Waste Description:</i>		PCB'S			
<a href="#">9</a>	4 of 13	NNW/80.4	77.2	265 Carling Avenue Ltd. 265 Carling Ave Ottawa ON K1S 2E1	GEN
<i>Generator #:</i>		ON2678739			
<i>Approval Yrs:</i>		2011			
<i>SIC Code:</i>		531310			
<i>SIC Description:</i>		Real Estate Property Managers			
--- Details ---					
<i>Waste Code:</i>		243			
<i>Waste Description:</i>		PCBS			
<a href="#">9</a>	5 of 13	NNW/80.4	77.2	Taggart Corporation 265 Carling Ave Ottawa ON K1S 2E1	GEN
<i>Generator #:</i>		ON2678739			
<i>Approval Yrs:</i>		2009			
<i>SIC Code:</i>		531310			
<i>SIC Description:</i>		Real Estate Property Managers			
--- Details ---					
<i>Waste Code:</i>		243			
<i>Waste Description:</i>		PCBS			
<a href="#">9</a>	6 of 13	NNW/80.4	77.2	265 Carling Avenue Ltd. 265 Carling Ave Ottawa ON K1S 2E1	GEN
<i>Generator #:</i>		ON2678739			
<i>Approval Yrs:</i>		2010			
<i>SIC Code:</i>		531310			
<i>SIC Description:</i>		Real Estate Property Managers			
--- Details ---					
<i>Waste Code:</i>		243			
<i>Waste Description:</i>		PCBS			
<a href="#">9</a>	7 of 13	NNW/80.4	77.2	265 Carling Avenue Ltd. 265 Carling Ave Ottawa ON K1S 2E1	GEN
<i>Generator #:</i>		ON2678739			
<i>Approval Yrs:</i>		2012			
<i>SIC Code:</i>		531310			
<i>SIC Description:</i>		Real Estate Property Managers			
--- Details ---					
<i>Waste Code:</i>		243			
<i>Waste Description:</i>		PCBS			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<a href="#">9</a>	8 of 13	NNW/80.4	77.2	265 Carling Avenue Ltd. 265 Carling Ave Ottawa ON K1S 2E1	GEN
Generator #:		ON2678739			
Approval Yrs:		As of May 2015			
SIC Code:					
SIC Description:					
--- Details ---					
Waste Code:		243			
Waste Description:		PCB			
<a href="#">9</a>	9 of 13	NNW/80.4	77.2	Beyond 20/20 Inc. 265 Carling Ave Suite 500 Ottawa ON K1S 2E1	SCT
Established:		01-OCT-87			
Plant Size (ft²):					
Employment:					
--- Details ---					
SIC/NAICS Code:		541510			
Description:		Computer Systems Design and Related Services			
+					
SIC/NAICS Code:		518210			
Description:		Data Processing, Hosting, and Related Services			
+					
SIC/NAICS Code:		511210			
Description:		Software Publishers			
<a href="#">9</a>	10 of 13	NNW/80.4	77.2	Cdn Post-M.D. Education Regist 265 Carling Ave Suite 800 Ottawa ON K1S 2E1	SCT
Established:		01-MAY-86			
Plant Size (ft²):					
Employment:					
--- Details ---					
SIC/NAICS Code:		511120			
Description:		Periodical Publishers			
+					
SIC/NAICS Code:		511190			
Description:		Other Publishers			
<a href="#">9</a>	11 of 13	NNW/80.4	77.2	Assn Faculties Medicine of Cda 265 Carling Ave Suite 800 Ottawa ON K1S 2E1	SCT
Established:		01-JAN-43			
Plant Size (ft²):					
Employment:					
--- Details ---					
SIC/NAICS Code:		813920			
Description:		Professional Organizations			
+					
SIC/NAICS Code:		813920			
Description:		Professional Organizations			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<a href="#">9</a>	12 of 13	NNW/80.4	77.2	<b>Nortak Software Ltd. 265 Carling Ave Floor 7 Ottawa ON K1S 2E1</b>	<b>SCT</b>
Established:		1975			
Plant Size (ft²):		16000			
Employment:					
--- Details ---					
SIC/NAICS Code:		334610			
Description:		Manufacturing and Reproducing Magnetic and Optical Media			
+					
SIC/NAICS Code:		511210			
Description:		Software Publishers			
<a href="#">9</a>	13 of 13	NNW/80.4	77.2	<b>NORTAK SOFTWARE LTD 265 CARLING AVE FLOOR 7 OTTAWA ON K1S 2E1</b>	<b>SCT</b>
Established:		1975			
Plant Size (ft²):		0			
Employment:		55			
--- Details ---					
SIC/NAICS Code:		3695			
Description:		MAGNETIC AND OPTICAL RECORDING MEDIA			
<a href="#">10</a>	1 of 2	NW/84.8	77.5	<b>Associated Endodontists 265 Carling Ave, unit 620 Ottawa ON</b>	<b>GEN</b>
Generator #:		ON5430079			
Approval Yrs:		As of May 2015			
SIC Code:					
SIC Description:					
--- Details ---					
Waste Code:		312			
Waste Description:		Pathological wastes			
<a href="#">10</a>	2 of 2	NW/84.8	77.5	<b>265 Carling Avenue Ltd. 265 Carling Ave Ottawa ON</b>	<b>GEN</b>
Generator #:		ON2678739			
Approval Yrs:		2013			
SIC Code:		531310			
SIC Description:		REAL ESTATE PROPERTY MANAGERS			
--- Details ---					
Waste Code:		243			
Waste Description:		PCBS			
<a href="#">11</a>	1 of 1	WNW/77.0	78.1	<b>Carleton Condominium Corporation No. 472 550 Cambridge St S Ottawa ON</b>	<b>CA</b>

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance m</b>	<b>Elevation m</b>	<b>Site</b>	<b>DB</b>
<p>Certificate #: 9353-7TZK46  Application Year: 2009  Issue Date: 7/17/2009  Approval Type: Air  Status: Approved  Application Type:  Client Name:  Client Address:  Client City:  Client Postal Code:  Project Description:  Contaminants:  Emission Control:</p>					
<a href="#">12</a>	1 of 1	WSW/71.2	71.7	7 Frederick Place, Ottawa ON K1S 3G1	PINC
<p>Incident ID: 2692924  Tank Status:  Attribute Category:  Task Number:  SR Type: FS-Pipeline Incident  Incident Number: 536484  Status Code: Pipeline Damage Reason Est  Summary: 7 Frederick Place, Ottawa - 1" Pipeline Hit  Spills Action Centre:  Reported By: Stiles, Jeff - Enbridge  Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)  Method Details: utility damage  Fuel Category: Heating Fuel  Fuel Occurrence Type:  Date of Occurrence:  Occurrence Start Date:  Health Impact:  Occurrence Desc:  Environment Impact:  Property Damage:  Service Interrupt:  Fuel Type:  Enforce Policy:  Operation Type:  Damage Reason:  Public Relation:  Pipeline System:  Pipeline Type:  Depth:  Pipe Material:  Regulator Location:  PSIG:  Regulator Type:  Notes:</p>					
<a href="#">13</a>	1 of 2	SE/92.7	72.6	OTTAWA CITY, DESIGN & CONSTRUCTION DIV. SECOND AVE./BRONSON AVE., CSO OTTAWA ON	CA



Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<p>Certificate #: 3-0387-98-  Application Year: 98  Issue Date: 5/12/1998  Approval Type: Municipal sewage  Status: Approved  Application Type:  Client Name:  Client Address:  Client City:  Client Postal Code:  Project Description:  Contaminants:  Emission Control:</p>					
<a href="#">13</a>	2 of 2	SE/92.7	72.6	R.M. OF OTTAWA-CARLETON SECOND AVE/BRONSON AVE/BANK ST OTTAWA ON	CA
<p>Certificate #: 7-0245-98-  Application Year: 98  Issue Date: 4/22/1998  Approval Type: Municipal water  Status: Approved  Application Type:  Client Name:  Client Address:  Client City:  Client Postal Code:  Project Description:  Contaminants:  Emission Control:</p>					
<a href="#">14</a>	1 of 2	NNE/71.6	77.1	OTTAWA HYDRO 247 GLEBE AVENUE OTTAWA ON K1S 2C8	GEN
<p>Generator #: ON0456605  Approval Yrs: 93,94,95,96,97,98,99,00,01  SIC Code: 4911  SIC Description: ELECT. POWER SYS.</p> <p>--- Details ---  Waste Code: 251  Waste Description: OIL SKIMMINGS &amp; SLUDGES  +  Waste Code: 252  Waste Description: WASTE OILS &amp; LUBRICANTS</p>					
<a href="#">14</a>	2 of 2	NNE/71.6	77.1	HYDRO OTTAWA LIMITED 247 GLEBE OTTAWA ON K1S 2C8	GEN
<p>Generator #: ON8094774  Approval Yrs: 05  SIC Code: 221122  SIC Description: Electric Power Distribution</p> <p>--- Details ---</p>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance m</b>	<b>Elevation m</b>	<b>Site</b>	<b>DB</b>
Waste Code:		243			
Waste Description:		PCB'S			
<a href="#"><u>15</u></a>	1 of 1	SE/109.8	72.9	<b>FIRST FUEL 812 BRONSON TANK TRUCK (CARGO) OTTAWA CITY ON K1S 4G4</b>	<b>SPL</b>
Ref No.:		45923			
Incident Dt:		1/22/1991			
MOE Reported Dt:		1/22/1991			
Contaminant Name:					
Contaminant Quantity:					
Incident Summary:		FIRST FUELS TANKER TRUCK-50 L FURNACE OIL TO		STREET.	
Incident Cause:		OTHER CONTAINER LEAK			
Incident Reason:		EQUIPMENT FAILURE			
Nature of Impact:		Soil contamination			
Receiving Medium:		LAND			
Environmental Impact:		POSSIBLE			
<a href="#"><u>16</u></a>	1 of 1	SE/138.7	72.3	<b>1737924 Ontario Inc. 804-824 Bronson Ave Ottawa ON</b>	<b>CA</b>
Certificate #:		6513-7NNRMC			
Application Year:		2009			
Issue Date:		2/10/2009			
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="#"><u>17</u></a>	1 of 1	N/128.1	75.5	<b>R.M. OF OTTAWA-CARLETON CLEMOW AVE/BRONSON AVE/BANK ST OTTAWA CITY ON</b>	<b>CA</b>
Certificate #:		7-0438-95-			
Application Year:		95			
Issue Date:		6/2/1995			
Approval Type:		Municipal water			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<a href="#">18</a>	1 of 1	S/119.5	68.0	Dow's Lake Rd. & Kippewa Drive Ottawa ON	EHS

Order No.: 20111026044  
 Report Date: 11/4/2011  
 Report Type: Custom Report  
 Search Radius (km): 0.25  
 Addit. Info Ordered: Fire Insur. Maps and/or Site Plans; Aerial Photos; City Directory

<a href="#">19</a>	1 of 1	N/135.1	75.6	ON	BORE
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Borehole ID:	809487	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:		UTM Zone:	18
Easting:	445227.45	Northing:	5027827.36
Location Accuracy:		Orig. Ground Elev m:	-999.9
Elev. Reliability Note:		DEM Ground Elev m:	75.2
Total Depth m:	1.5	Primary Name:	AH.1
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	13-FEB-1989	Static Water Level:	-999.9
Primary Water Use:		Sec. Water Use:	

--- Details ---

Stratum ID:	218600226	Top Depth(m):	0.0
Bottom Depth(m):	0.1	Stratum Desc:	Asphalt
+			
Stratum ID:	218600227	Top Depth(m):	0.1
Bottom Depth(m):	0.4	Stratum Desc:	Grey-Brown Crushed Stone
+			
Stratum ID:	218600228	Top Depth(m):	0.4
Bottom Depth(m):	1.0	Stratum Desc:	Red-Brown to Brown Sand Trace: Si Tr Gr
+			
Stratum ID:	218600229	Top Depth(m):	1.0
Bottom Depth(m):	1.5	Stratum Desc:	Grey Silt - Sand

<a href="#">20</a>	1 of 6	NNW/169.5	76.3	515 Cambridge St Ottawa ON K1S 4H9	EHS
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Order No.: 20020211009  
 Report Date: 2/11/02  
 Report Type: Custom Report  
 Search Radius (km): 0.25  
 Addit. Info Ordered: Title Search

<a href="#">20</a>	2 of 6	NNW/169.5	76.3	515 Cambridge Street Ottawa ON K1S 4H9	EHS
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Order No.: 20020116001  
 Report Date: 1/24/02  
 Report Type: Complete Report  
 Search Radius (km): 0.25  
 Addit. Info Ordered:

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<a href="#">20</a>	3 of 6	NNW/169.5	76.3	OTTAWA BOARD OF EDUCATION 515 CAMBRIDGE STREET SOUTH BORDEN HIGH SCHOOL OTTAWA ON K1S 4H9	GEN
Generator #:		ON0375202			
Approval Yrs:		92,93,97			
SIC Code:		8511			
SIC Description:		ELEMT./SECON. EDUC.			
--- Details ---					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
+					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
<a href="#">20</a>	4 of 6	NNW/169.5	76.3	OTTAWA-CARLETON DISTRICT SCHOOL BOARD BORDEN HIGH SCHOOL 515 CAMBRIDGE STREET SOUTH OTTAWA ON K1S 4H9	GEN
Generator #:		ON0375202			
Approval Yrs:		98,99,00,02,03,04			
SIC Code:		8511			
SIC Description:		ELEMT./SECON. EDUC.			
--- Details ---					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
+					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
<a href="#">20</a>	5 of 6	NNW/169.5	76.3	OTTAWA BOARD OF EDUCATION BORDEN HIGH SCHOOL 515 CAMBRIDGE ST. S. C/O 330 GILMOURST OTTAWA ON K2P 0P9	GEN
Generator #:		ON0375202			
Approval Yrs:		86,87,88,89,90			
SIC Code:		8511			
SIC Description:		ELEMT./SECON. EDUC.			
--- Details ---					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
+					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
<a href="#">20</a>	6 of 6	NNW/169.5	76.3	OTTAWA BOARD OF EDUCATION 129 BORDEN HIGH SCHOOL 515 CAMBRIDGE ST. S. C/O 330 GILMOURST OTTAWA ON K2P 0P9	29- GEN
Generator #:		ON0375202			
Approval Yrs:		94,95,96			
SIC Code:		8511			
SIC Description:		ELEMT./SECON. EDUC.			
--- Details ---					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
+					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
<a href="#">21</a>	1 of 1	NNW/177.9	74.3	Goodex Equipment Rental Ltd 515 Cambridge St. Ottawa ON	GEN
Generator #:		ON4691226			
Approval Yrs:		03,04			
SIC Code:					
SIC Description:					
<a href="#">22</a>	1 of 1	ESE/170.7	71.8	407 3rd AVENUE OTTAWA ON	HINC
External File Num:		FS INC 0811-06976			
Date of Occurrence:		10/31/2008			
Fuel Occurrence Type:		Pipeline Strike			
Fuel Type Involved:		Natural Gas			
Status Desc:		Completed - Causal Analysis(End)			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Construction Site (pipeline strike)			
Service Interruptions:		No			
Property Damage:		Yes			
Fuel Life Cycle Stage:		Transmission, Distribution and Transportation			
Root Cause:		Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes			
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					



Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<a href="#">23</a>	1 of 1	NW/187.8	77.7	<b>Canci Homes Corporation Inc.</b> 385 Bell Street Ottawa ON	CA
<p>Certificate #: 4415-5VKLDD  Application Year: 2004  Issue Date: 1/26/2004  Approval Type: Municipal and Private Sewage Works  Status: Approved  Application Type:  Client Name:  Client Address:  Client City:  Client Postal Code:  Project Description:  Contaminants:  Emission Control:</p>					
<a href="#">24</a>	1 of 1	WNW/188.4	77.7	<b>SCAFFOLD-FAST INC.</b> 385 BELL ST S OTTAWA ON K1S 4K3	SCT
<p>Established: 1957  Plant Size (ft²): 0  Employment: 13</p> <p>--- Details ---  SIC/NAICS Code: 5082  Description: CONSTRUCTION &amp; MINING (EXCEPT PETROLEUM) MACHINERY  +  SIC/NAICS Code: 5084  Description: INDUSTRIAL MACHINERY &amp; EQUIPMENT</p>					
<a href="#">25</a>	1 of 1	SE/200.5	72.6	<b>418 3rd AVENUE</b> OTTAWA ON	HINC
<p>External File Num: FS INC 0810-06546  Date of Occurrence: 10/22/2008  Fuel Occurrence Type: Pipeline Strike  Fuel Type Involved: Natural Gas  Status Desc: Completed - Causal Analysis(End)  Job Type Desc: Incident/Near-Miss Occurrence (FS)  Oper. Type Involved: Construction Site (pipeline strike)  Service Interruptions: Yes  Property Damage: Yes  Fuel Life Cycle Stage: Transmission, Distribution and Transportation  Root Cause: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No  Training:No Management:Yes Human Factors:Yes</p> <p>Reported Details:  Fuel Category: Gaseous Fuel  Occurrence Type: Incident  Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)  County Name: Ottawa  Approx. Quant. Rel:  Nearby body of water:  Enter Drainage Syst.:  Approx. Quant. Unit:</p>					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
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Environmental Impact:

<a href="#">26</a>	1 of 1	ENE/187.1	75.9	OTTAWA-CARLETON DISTRICT SCHOOL BOARD GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON	GEN
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Generator #: ON0375210  
 Approval Yrs: 2013  
 SIC Code: 611110  
 SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

--- Details ---

Waste Code: 121  
 Waste Description: ALKALINE WASTES - HEAVY METALS  
 +  
 Waste Code: 263  
 Waste Description: ORGANIC LABORATORY CHEMICALS  
 +  
 Waste Code: 252  
 Waste Description: WASTE OILS & LUBRICANTS  
 +  
 Waste Code: 264  
 Waste Description: PHOTOPROCESSING WASTES  
 +  
 Waste Code: 112  
 Waste Description: ACID WASTE - HEAVY METALS  
 +  
 Waste Code: 148  
 Waste Description: INORGANIC LABORATORY CHEMICALS  
 +  
 Waste Code: 212  
 Waste Description: ALIPHATIC SOLVENTS  
 +  
 Waste Code: 221  
 Waste Description: LIGHT FUELS  
 +  
 Waste Code: 113  
 Waste Description: ACID WASTE - OTHER METALS  
 +  
 Waste Code: 145  
 Waste Description: PAINT/PIGMENT/COATING RESIDUES

<a href="#">27</a>	1 of 1	NW/208.0	77.7	PUC POLE TRANSFORMER OPPOSITE 326 POWELL STREET. OTTAWA CITY ON K1S 2A8	SPL
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Ref No.: 4411  
 Incident Dt: 5/29/1988  
 MOE Reported Dt: 5/29/1988  
 Contaminant Name:  
 Contaminant Quantity:  
 Incident Summary: OTTAWA HYDRO-53 L OF TRANSFORMER OIL (CHLORIN-OIL TEST NEGATIVE)TO GRND  
 Incident Cause: OTHER TRANSPORTATION ACCIDENT  
 Incident Reason: UNKNOWN  
 Nature of Impact:  
 Receiving Medium: LAND

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<i>Environmental Impact:</i>					
<a href="#">28</a>	1 of 1	N/202.5	74.0	Hydro-Ottawa 272 Powell Street Ottawa ON K1S 2A5	SPL
Ref No.:	4110-5NDTNA				
Incident Dt:	6/10/2003				
MOE Reported Dt:	6/10/2003				
Contaminant Name:	NON-HAZARDOUS SOLID (N.O.S.)				
Contaminant Quantity:	other - see incident description				
Incident Summary:	Unknown amt transformer oil to ground. Cleaning.				
Incident Cause:					
Incident Reason:					
Nature of Impact:	Soil Contamination				
Receiving Medium:	Land				
Environmental Impact:	Not Anticipated				
<a href="#">29</a>	1 of 1	ESE/199.2	72.4	399 3rd AVENUE OTTAWA ON	HINC
External File Num:	FS INC 0810-06016				
Date of Occurrence:	9/26/2008				
Fuel Occurrence Type:	Pipeline Strike				
Fuel Type Involved:	Natural Gas				
Status Desc:	Completed - Causal Analysis(End)				
Job Type Desc:	Incident/Near-Miss Occurrence (FS)				
Oper. Type Involved:	Construction Site (pipeline strike)				
Service Interruptions:	Yes				
Property Damage:	No				
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation				
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:No Human Factors:No				
Reported Details:					
Fuel Category:	Gaseous Fuel				
Occurrence Type:	Incident				
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
County Name:	Ottawa				
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
<a href="#">30</a>	1 of 1	NNE/194.9	74.7	ON	BORE
Borehole ID:	809488			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	
Drill Method:				UTM Zone:	18
Easting:	445316.27			Northing:	5027877.2
Location Accuracy:				Orig. Ground Elev m:	-999.9
Elev. Reliability Note:				DEM Ground Elev m:	74.7
Total Depth m:	1.5			Primary Name:	AH.2
Township:				Concession:	
Lot:				Municipality:	
Completion Date:	13-FEB-1989			Static Water Level:	-999.9

Map Key	Number of Records	Direction/Distance m	Elevation m	Site	DB
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:	218600230			Top Depth(m):	0.0
Bottom Depth(m):	0.1			Stratum Desc:	Asphalt
+					
Stratum ID:	218600231			Top Depth(m):	0.1
Bottom Depth(m):	0.4			Stratum Desc:	Grey Crushed Stone
+					
Stratum ID:	218600232			Top Depth(m):	0.4
Bottom Depth(m):	1.0			Stratum Desc:	Grey-Brown Fill-Misc Sand With: Si
+					
Stratum ID:	218600233			Top Depth(m):	1.0
Bottom Depth(m):	1.1			Stratum Desc:	Dark Brown Topsoil Sand
+					
Stratum ID:	218600234			Top Depth(m):	1.1
Bottom Depth(m):	1.5			Stratum Desc:	Red-Brown Sand Trace: Si

<a href="#">31</a>	1 of 1	WNW/202.2	69.6	Ottawa ON	FCS
Site Id:	08886001				
Departmental Id:	National Capital 08886001				
Property No.:	8886				
Site Name:	Former NCC Building				
Location:					
Municipality:	Ottawa				
Census Division:	Ottawa				
Federal Electoral District:	Ottawa Centre				
Nearest Populated Area:					
Longitude:	-75.7031				
Latitude:	45.40072				
Reporting Organization:	Public Works and Government Services Canada				
Reason for Involvement:	Federal Real Property				
Est m <sup>3</sup> Contaminated:	5000				
Est Ha Contaminated:					
Est Tons Contaminated:					
Site Management Strategy:	Other				
Highest Step Completed:	Confirmatory Sampling and Final Reporting				
Action Plan:	Record of Site Condition obtained. No further action required. FY2007-08: abandonment of on-site monitoring wells.				
Additional Info:	Poly-aromatic Hydrocarbons (PAH) and heavy metal contamination is located in the garage in the vicinity of the mechanics pit.				
--- Details ---					
Medium:	Not Available				
Contaminant:	Petroleum hydrocarbons and PAH's				
+					
Medium:	Not Available				
Contaminant:	Metal, metalloid, and organometallic				

<a href="#">32</a>	1 of 1	ESE/215.4	71.8	408 3rd AVENUE OTTAWA ON	HINC
External File Num:	FS INC 0810-06538				
Date of Occurrence:	10/17/2008				

Map Key	Number of Records	Direction/Distance m	Elevation m	Site	DB
<i>Fuel Occurrence Type:</i> <i>Fuel Type Involved:</i> <i>Status Desc:</i> <i>Job Type Desc:</i> <i>Oper. Type Involved:</i> <i>Service Interruptions:</i> <i>Property Damage:</i> <i>Fuel Life Cycle Stage:</i> <i>Root Cause:</i>		Pipeline Strike Natural Gas Completed - Causal Analysis(End) Incident/Near-Miss Occurrence (FS) Construction Site (pipeline strike) Yes Yes Transmission, Distribution and Transportation Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes			
<i>Reported Details:</i> <i>Fuel Category:</i> <i>Occurrence Type:</i> <i>Affiliation:</i> <i>County Name:</i> <i>Approx. Quant. Rel:</i> <i>Nearby body of water:</i> <i>Enter Drainage Syst.:</i> <i>Approx. Quant. Unit:</i> <i>Environmental Impact:</i>		Gaseous Fuel Incident Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) Ottawa			

<a href="#">33</a>	1 of 9	ENE/200.2	74.9	OTTAWA-CARLETON DISTRICT SCHOOL BOARD GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	GEN
<i>Generator #:</i> <i>Approval Yrs:</i> <i>SIC Code:</i> <i>SIC Description:</i>		ON0375210 98,99,00,01,02,03,04,05,06,07,08 8511 ELEMT./SECON. EDUC.			
--- Details ---					
<i>Waste Code:</i> <i>Waste Description:</i> + <i>Waste Code:</i> <i>Waste Description:</i> + <i>Waste Code:</i> <i>Waste Description:</i> + <i>Waste Code:</i> <i>Waste Description:</i> + <i>Waste Code:</i> <i>Waste Description:</i> + <i>Waste Code:</i> <i>Waste Description:</i> + <i>Waste Code:</i> <i>Waste Description:</i>		121 ALKALINE WASTES - HEAVY METALS 113 ACID WASTE - OTHER METALS 145 PAINT/PIGMENT/COATING RESIDUES 252 WASTE OILS & LUBRICANTS 212 ALIPHATIC SOLVENTS 221 LIGHT FUELS 148 INORGANIC LABORATORY CHEMICALS 263 ORGANIC LABORATORY CHEMICALS			

<a href="#">33</a>	2 of 9	ENE/200.2	74.9	OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	GEN
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Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB	
				<b>GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9</b>		
				Generator #: ON0375210 Approval Yrs: As of May 2015 SIC Code: SIC Description:		
				--- Details --- Waste Code: 121 Waste Description: Alkaline slutions - containing heavy metals + Waste Code: 264 Waste Description: Photoprocessing wastes + Waste Code: 263 Waste Description: Misc. waste organic chemicals + Waste Code: 148 Waste Description: Misc. wastes and inorganic chemicals + 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: 212 Waste Description: Aliphatic solvents and residues + Waste Code: 113 Waste Description: Acid solutions - containing other metals and non-metals + Waste Code: 112 Waste Description: Acid solutions - containing heavy metals + Waste Code: 122 Waste Description: Alkaline slutions - containing other metals and non-metals (not cyanide)		
<a href="#">33</a>	3 of 9	ENE/200.2	74.9	<b>OTTAWA BOARD OF EDUCATION 29- 129 GLEBE COLLEGIATE INST., 212 GLEBE AVE. C/O 330 GILMOUR ST. OTTAWA ON K1S 2C9</b>	<b>GEN</b>	
				Generator #: ON0375210 Approval Yrs: 94,95,96 SIC Code: 8511 SIC Description: ELEMT./SECON. EDUC.		
				--- Details --- Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS + Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS		
<a href="#">33</a>	4 of 9	ENE/200.2	74.9	<b>OTTAWA-CARLETON DISTRICT SCHOOL BOARD</b>	<b>GEN</b>	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
				<b>GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9</b>	
				Generator #: ON0375210 Approval Yrs: 2012 SIC Code: 611110 SIC Description: Elementary and Secondary Schools	
				--- Details --- Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS + Waste Code: 113 Waste Description: ACID WASTE - OTHER METALS + Waste Code: 221 Waste Description: LIGHT FUELS + Waste Code: 112 Waste Description: ACID WASTE - HEAVY METALS + Waste Code: 121 Waste Description: ALKALINE WASTES - HEAVY METALS + Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES + Waste Code: 212 Waste Description: ALIPHATIC SOLVENTS + Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS + Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS	
<a href="#">33</a>	5 of 9	ENE/200.2	74.9	<b>OTTAWA BOARD OF EDUCATION GLEBE COLLEGIATE INST., 212 GLEBE AVE. C/O 330 GILMOUR ST. OTTAWA ON K1S 2C9</b>	<b>GEN</b>
				Generator #: ON0375210 Approval Yrs: 86,87,88,89,90 SIC Code: 8511 SIC Description: ELEMT./SECON. EDUC.	
				--- Details --- Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS + Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS	
<a href="#">33</a>	6 of 9	ENE/200.2	74.9	<b>OTTAWA-CARLETON DISTRICT SCHOOL BOARD GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9</b>	<b>GEN</b>

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Generator #:		ON0375210			
Approval Yrs:		2009			
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
--- Details ---					
Waste Code:		113			
Waste Description:		ACID WASTE - OTHER METALS			
+					
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
+					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
+					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
+					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
+					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
+					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
<a href="#">33</a>	7 of 9	ENE/200.2	74.9	OTTAWA BOARD OF EDUCATION GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	GEN
Generator #:		ON0375210			
Approval Yrs:		92,93,97			
SIC Code:		8511			
SIC Description:		ELEMNT./SECON. EDUC.			
--- Details ---					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
<a href="#">33</a>	8 of 9	ENE/200.2	74.9	OTTAWA-CARLETON DISTRICT SCHOOL BOARD GLEBE COLLEGIATE INSTITUTE 212 GLEBE AVENUE OTTAWA ON K1S 2C9	GEN
Generator #:		ON0375210			
Approval Yrs:		2011			
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
--- Details ---					
Waste Code:		221			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance m</i>	<i>Elevation m</i>	<i>Site</i>	<i>DB</i>
<i>Waste Description:</i>		LIGHT FUELS			
+					
<i>Waste Code:</i>		121			
<i>Waste Description:</i>		ALKALINE WASTES - HEAVY METALS			
+					
<i>Waste Code:</i>		252			
<i>Waste Description:</i>		WASTE OILS & LUBRICANTS			
+					
<i>Waste Code:</i>		212			
<i>Waste Description:</i>		ALIPHATIC SOLVENTS			
+					
<i>Waste Code:</i>		112			
<i>Waste Description:</i>		ACID WASTE - HEAVY METALS			
+					
<i>Waste Code:</i>		113			
<i>Waste Description:</i>		ACID WASTE - OTHER METALS			
+					
<i>Waste Code:</i>		148			
<i>Waste Description:</i>		INORGANIC LABORATORY CHEMICALS			
+					
<i>Waste Code:</i>		263			
<i>Waste Description:</i>		ORGANIC LABORATORY CHEMICALS			
+					
<i>Waste Code:</i>		145			
<i>Waste Description:</i>		PAINT/PIGMENT/COATING RESIDUES			

[33](#)

9 of 9

ENE/200.2

74.9

**OTTAWA-CARLETON DISTRICT SCHOOL BOARD  
GLEBE COLLEGIATE INSTITUTE 212  
GLEBE AVENUE  
OTTAWA ON K1S 2C9**

GEN

*Generator #:* ON0375210  
*Approval Yrs:* 2010  
*SIC Code:* 611110  
*SIC Description:* Elementary and Secondary Schools

--- Details ---

*Waste Code:* 252  
*Waste Description:* WASTE OILS & LUBRICANTS  
+  
*Waste Code:* 113  
*Waste Description:* ACID WASTE - OTHER METALS  
+  
*Waste Code:* 121  
*Waste Description:* ALKALINE WASTES - HEAVY METALS  
+  
*Waste Code:* 148  
*Waste Description:* INORGANIC LABORATORY CHEMICALS  
+  
*Waste Code:* 145  
*Waste Description:* PAINT/PIGMENT/COATING RESIDUES  
+  
*Waste Code:* 112  
*Waste Description:* ACID WASTE - HEAVY METALS  
+  
*Waste Code:* 263  
*Waste Description:* ORGANIC LABORATORY CHEMICALS  
+  
*Waste Code:* 221  
*Waste Description:* LIGHT FUELS

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
+ Waste Code: 212 Waste Description: ALIPHATIC SOLVENTS					
<a href="#">34</a>	1 of 1	NNW/237.6	76.0	315 Powell Avenue<UNOFFICIAL> Ottawa ON	SPL
Ref No.: 1740-887H2U Incident Dt: MOE Reported Dt: 8/10/2010 Contaminant Name: HYDRAULIC OIL Contaminant Quantity: 30 L Incident Summary: Hydraulic oil spill to 315 Powell Avenue. Incident Cause: Pipe Or Hose Leak Incident Reason: Equipment Failure Nature of Impact: Surface Water Pollution Receiving Medium: Environmental Impact: Not Anticipated					
<a href="#">35</a>	1 of 7	W/208.5	67.2	Quantum Murray LP 401 Lebreton Street Ottawa ON	GEN
Generator #: ON6291713 Approval Yrs: 2011 SIC Code: 339990 SIC Description:					
<a href="#">35</a>	2 of 7	W/208.5	67.2	GVT. OF CAN. - ENERGY MINES & RESOURCES 401 LEBRETON STREET OTTAWA ON K1A 0E8	GEN
Generator #: ON0269511 Approval Yrs: 98,99 SIC Code: 8172 SIC Description: RES. CONS./IND. DEV.  --- Details --- Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS + Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS					
<a href="#">35</a>	3 of 7	W/208.5	67.2	GVT. OF (OUT OF BUSINESS)ES & RESOURCES 401 LEBRETON STREET OTTAWA ON K1A 0E8	GEN
Generator #: ON0269511 Approval Yrs: 00,01 SIC Code: 8172 SIC Description: RES. CONS./IND. DEV.  --- Details --- Waste Code: 148					



Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Waste Description:		INORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
<a href="#">35</a>	4 of 7	W/208.5	67.2	GVT. OF CAN. - ENERGY MINES & RES.18-270 TERRAIN SCIENCES GEOLOGICAL SURVEY 401 LEBRETON ST. OTTAWA ON K1A 0E8	GEN
Generator #:		ON0269511			
Approval Yrs:		92,93,94,95,96,97			
SIC Code:		8172			
SIC Description:		RES. CONS./IND. DEV.			
--- Details ---					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
<a href="#">35</a>	5 of 7	W/208.5	67.2	GVT. OF CAN. - ENERGY MINES & RES. TERRAIN SCIENCES GEOLOGICAL SURVEY 401 LEBRETON ST. OTTAWA ON K1A 0E8	GEN
Generator #:		ON0269511			
Approval Yrs:		86,87,88,89,90			
SIC Code:		8172			
SIC Description:		RES. CONS./IND. DEV.			
--- Details ---					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
<a href="#">35</a>	6 of 7	W/208.5	67.2	ENERGY MINES AND RESOURCES TERRAIN SCIENCES DIVISION 401 LIBRETON ST. OTTAWA ON	OPCB
Year:		1992			
Site Number:		40289A013			
Name Owner:					
Additional Site Information:					
<a href="#">35</a>	7 of 7	W/208.5	67.2	TERRAPRO CORPORATION 401-A LEBRETON STREET SOUTH OTTAWA ON K1S 4L5	PES
Licence No.:					
Licence Type:					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<a href="#">36</a>	1 of 1	NNW/239.6	75.0	ON	BORE
Borehole ID: 613104				Type: Borehole	
Use:				Status:	
Drill Method:				UTM Zone: 18	
Easting: 445131				Northing: 5027902	
Location Accuracy:				Orig. Ground Elev m: 74.1	
Elev. Reliability Note:				DEM Ground Elev m: 74.3	
Total Depth m: 4.4				Primary Name:	
Township:				Concession:	
Lot:				Municipality:	
Completion Date: JUN-1971				Static Water Level: -999.9	
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID: 218393730				Top Depth(m): 0.0	
Bottom Depth(m): 0.8				Stratum Desc: ARTIFICIAL.	
+					
Stratum ID: 218393731				Top Depth(m): 0.8	
Bottom Depth(m): 1.2				Stratum Desc: UNSPECIFIED. DENSE.	
+					
Stratum ID: 218393732				Top Depth(m): 1.2	
Bottom Depth(m): 2.0				Stratum Desc: UNSPECIFIED. DENSE.	
+					
Stratum ID: 218393733				Top Depth(m): 2.0	
Bottom Depth(m): 2.9				Stratum Desc: BEDROCK.	
+					
Stratum ID: 218393734				Top Depth(m): 2.9	
Bottom Depth(m): 4.4				Stratum Desc: BEDROCK.00000 028 00025 020 00040 010 00000004000250130004004422 00025 011	

<a href="#">37</a>	1 of 1	ESE/231.6	71.8	402 3rd AVENUE OTTAWA ON	HINC
External File Num: FS INC 0809-05755					
Date of Occurrence: 9/26/2008					
Fuel Occurrence Type: Pipeline Strike					
Fuel Type Involved: Natural Gas					
Status Desc: Completed - Causal Analysis(End)					
Job Type Desc: Incident/Near-Miss Occurrence (FS)					
Oper. Type Involved: Construction Site (pipeline strike)					
Service Interruptions: Yes					
Property Damage: No					
Fuel Life Cycle Stage: Transmission, Distribution and Transportation					
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:No Human Factors:No					
Reported Details:					
Fuel Category: Gaseous Fuel					
Occurrence Type: Incident					
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)					
County Name: Ottawa					
Approx. Quant. Rel:					
Nearby body of water:					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
---------	-------------------	-----------------------	-------------	------	----

Enter Drainage Syst.:  
 Approx. Quant. Unit:  
 Environmental Impact:

<a href="#">38</a>	1 of 1	W/224.6	66.2	Ottawa ON	WWIS
Well ID: 7122535		Lot:			
Concession:		Concession Name:			
County: OTTAWA-CARLETON		Municipality:		OTTAWA CITY	
Easting Nad83: 444946		Northing Nad83:		5027850	
Zone: 18		Utm Reliability:		margin of error : 30 m - 100 m	
Primary Water Use: Monitoring		Construction Date:		16-MAR-09	
Sec. Water Use:		Well Depth:		8.8 m	
Pump Rate:		Static Water Level:			
Flow Rate:		Clear/Cloudy:			
Specific Capacity:		Final Well Status:		Test Hole	
Construction Method: Air Percussion		Flowing (y/n):			
Elevation (m): 70.26		Elevation Reliability:			
Depth to Bedrock:		Overburden/Bedrock:			
Water Type:		Casing Material:		Not stated	
--- Details ---					
Thickness: .6 m		Original Depth:		.6 m	
Material Colour: BROWN		Material:		SAND, , TOPSOIL	
+					
Thickness: 3.6 m		Original Depth:		4.2 m	
Material Colour: BROWN		Material:		FILL	
+					
Thickness: 4.6 m		Original Depth:		8.8 m	
Material Colour: GREY		Material:		LIMESTONE, , ROCK	

<a href="#">39</a>	1 of 1	SSE/254.7	69.4	850 Bronson Avenue, Ottawa ON	PINC
Incident ID:					
Tank Status:		RC Established			
Attribute Category:		Excavation practices not sufficient			
Task Number:		3800227			
SR Type:		FS-Pipeline Incident			
Incident Number:		794526			
Status Code:		Pipeline Damage Reason Est			
Summary:		850 Bronson Avenue, Ottawa - 4" Pipeline Hit			
Spills Action Centre:					
Reported By:		Bruce Rozycki - Enbridge Gas Distribution			
Affiliation:					
Method Details:		E-mail			
Fuel Category:		Natural Gas			
Fuel Occurrence Type:					
Date of Occurrence:					
Occurrence Start Date:		2012/04/16			
Health Impact:					
Occurrence Desc:					
Environment Impact:					
Property Damage:		Yes			
Service Interrupt:					
Fuel Type:					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Enforce Policy:		Yes			
Operation Type:					
Damage Reason:		FS-Perform P-line Inc Invest			
Public Relation:					
Pipeline System:					
Pipeline Type:					
Depth:					
Pipe Material:					
Regualtor Location:					
PSIG:					
Regulator Type:					
Notes:					

<a href="#">40</a>	1 of 1	NNW/251.7	74.0	Enbridge Gas Distribution Inc. 680 Bronson Ave Ottawa ON	SPL
Ref No.:		8034-999KYU			
Incident Dt:		2013/07/03			
MOE Reported Dt:		2013/07/03			
Contaminant Name:		NATURAL GAS (METHANE)			
Contaminant Quantity:		0 other - see incident description			
Incident Summary:		TSSA: above grd gas release, Media ended			
Incident Cause:		Leak/Break			
Incident Reason:		Equipment Failure			
Nature of Impact:		Air Pollution			
Receiving Medium:					
Environmental Impact:		Confirmed			

<a href="#">41</a>	1 of 1	W/237.0	66.2	ON	BORE
Borehole ID:	613085			Type:	Borehole
Use:				Status:	
Drill Method:				UTM Zone:	18
Easting:	444931			Northing:	5027622
Location Accuracy:				Orig. Ground Elev m:	64
Elev. Reliability Note:				DEM Ground Elev m:	66.4
Total Depth m:	-999			Primary Name:	
Township:				Concession:	
Lot:				Municipality:	
Completion Date:				Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:	218393626			Top Depth(m):	0.0
Bottom Depth(m):	2.1			Stratum Desc:	GRAVEL. COMPACT.
+					
Stratum ID:	218393627			Top Depth(m):	2.1
Bottom Depth(m):	2.4			Stratum Desc:	GRAVEL.
+					
Stratum ID:	218393628			Top Depth(m):	2.4
Bottom Depth(m):	5.5			Stratum Desc:	SAND. COMPACT.
+					
Stratum ID:	218393629			Top Depth(m):	5.5

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Bottom Depth(m):				Stratum Desc:	BEDROCK. 80.3 FEET.GRAVEL. COMPACT. SAND. FIRM. GRAVEL. BEDROCK. 025 012 00075

[42](#)      1 of 9      W/255.8      69.4      **DEPT. OF NATIONAL DEFENSE  
MAPPING & CHARTING ESTABLISHMENT  
360 LEBRETON STREET  
OTTAWA ON**      **GEN**

Generator #: ON0046565  
Approval Yrs: 2010  
SIC Code: 911110  
SIC Description: Defence Services

--- Details ---

- Waste Code: 113  
Waste Description: ACID WASTE - OTHER METALS
- +
- Waste Code: 122  
Waste Description: ALKALINE WASTES - OTHER METALS
- +
- Waste Code: 112  
Waste Description: ACID WASTE - HEAVY METALS
- +
- Waste Code: 121  
Waste Description: ALKALINE WASTES - HEAVY METALS
- +
- Waste Code: 331  
Waste Description: WASTE COMPRESSED GASES
- +
- Waste Code: 211  
Waste Description: AROMATIC SOLVENTS
- +
- Waste Code: 252  
Waste Description: WASTE OILS & LUBRICANTS
- +
- Waste Code: 241  
Waste Description: HALOGENATED SOLVENTS
- +
- Waste Code: 146  
Waste Description: OTHER SPECIFIED INORGANICS
- +
- Waste Code: 265  
Waste Description: GRAPHIC ART WASTES
- +
- Waste Code: 213  
Waste Description: PETROLEUM DISTILLATES
- +
- Waste Code: 264  
Waste Description: PHOTOPROCESSING WASTES
- +
- Waste Code: 212  
Waste Description: ALIPHATIC SOLVENTS
- +
- Waste Code: 145  
Waste Description: PAINT/PIGMENT/COATING RESIDUES

[42](#)      2 of 9      W/255.8      69.4      **DEPT. OF NATIONAL DEFENSE  
MAPPING & CHARTING ESTABLISHMENT  
360 LEBRETON STREET**      **GEN**

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
---------	-------------------	-----------------------	-------------	------	----

OTTAWA ON K1A 0E9

Generator #: ON0046565  
 Approval Yrs: 2012  
 SIC Code: 911110  
 SIC Description: Defence Services

--- Details ---

Waste Code: 241  
 Waste Description: HALOGENATED SOLVENTS  
 +  
 Waste Code: 264  
 Waste Description: PHOTOPROCESSING WASTES  
 +  
 Waste Code: 212  
 Waste Description: ALIPHATIC SOLVENTS  
 +  
 Waste Code: 112  
 Waste Description: ACID WASTE - HEAVY METALS  
 +  
 Waste Code: 331  
 Waste Description: WASTE COMPRESSED GASES  
 +  
 Waste Code: 265  
 Waste Description: GRAPHIC ART WASTES  
 +  
 Waste Code: 211  
 Waste Description: AROMATIC SOLVENTS  
 +  
 Waste Code: 252  
 Waste Description: WASTE OILS & LUBRICANTS  
 +  
 Waste Code: 145  
 Waste Description: PAINT/PIGMENT/COATING RESIDUES  
 +  
 Waste Code: 146  
 Waste Description: OTHER SPECIFIED INORGANICS  
 +  
 Waste Code: 113  
 Waste Description: ACID WASTE - OTHER METALS  
 +  
 Waste Code: 121  
 Waste Description: ALKALINE WASTES - HEAVY METALS  
 +  
 Waste Code: 213  
 Waste Description: PETROLEUM DISTILLATES  
 +  
 Waste Code: 122  
 Waste Description: ALKALINE WASTES - OTHER METALS

<a href="#">42</a>	3 of 9	W/255.8	69.4	DEPT. OF NATIONAL DEFENSE MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON K1A 0E9	GEN
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Generator #: ON0046565  
 Approval Yrs: As of May 2015  
 SIC Code:  
 SIC Description:



Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
--- Details ---					
	Waste Code:	264			
	Waste Description:	Photoprocessing wastes			
	+				
	Waste Code:	252			
	Waste Description:	Waste crankcase oils and lubricants			
	+				
	Waste Code:	112			
	Waste Description:	Acid solutions - containing heavy metals			
	+				
	Waste Code:	265			
	Waste Description:	Graphic arts wastes			
	+				
	Waste Code:	241			
	Waste Description:	Halogenated solvents and residues			
	+				
	Waste Code:	121			
	Waste Description:	Alkaline slutions - containing heavy metals			
	+				
	Waste Code:	213			
	Waste Description:	Petroleum distillates			
	+				
	Waste Code:	263			
	Waste Description:	Misc. waste organic chemicals			
	+				
	Waste Code:	146			
	Waste Description:	Other specified inorganic sludges, slurries or solids			
	+				
	Waste Code:	212			
	Waste Description:	Aliphatic solvents and residues			
	+				
	Waste Code:	331			
	Waste Description:	Waste compressed gases including cylinders			
	+				
	Waste Code:	145			
	Waste Description:	Wastes from the use of pigments, coatings and paints			

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W/255.8

69.4

**DEPT. OF NATIONAL DEFENSE  
MAPPING & CHARTING ESTABLISHMENT  
360 LEBRETON STREET  
OTTAWA ON**

GEN

Generator #: ON0046565  
Approval Yrs: 2009  
SIC Code: 911112  
SIC Description:

--- Details ---

Waste Code: 112  
Waste Description: ACID WASTE - HEAVY METALS  
+  
Waste Code: 113  
Waste Description: ACID WASTE - OTHER METALS  
+  
Waste Code: 121  
Waste Description: ALKALINE WASTES - HEAVY METALS  
+  
Waste Code: 122  
Waste Description: ALKALINE WASTES - OTHER METALS  
+  
Waste Code: 145

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
				Waste Description: PAINT/PIGMENT/COATING RESIDUES	
				+ Waste Code: 146	
				Waste Description: OTHER SPECIFIED INORGANICS	
				+ Waste Code: 211	
				Waste Description: AROMATIC SOLVENTS	
				+ Waste Code: 212	
				Waste Description: ALIPHATIC SOLVENTS	
				+ Waste Code: 213	
				Waste Description: PETROLEUM DISTILLATES	
				+ Waste Code: 241	
				Waste Description: HALOGENATED SOLVENTS	
				+ Waste Code: 252	
				Waste Description: WASTE OILS & LUBRICANTS	
				+ Waste Code: 264	
				Waste Description: PHOTOPROCESSING WASTES	
				+ Waste Code: 265	
				Waste Description: GRAPHIC ART WASTES	

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W/255.8

69.4

DEPT. OF NATIONAL DEFENSE  
MAPPING & CHARTING ESTABLISHMENT  
360 LEBRETON STREET  
OTTAWA ON K1A 0E9

GEN

Generator #: ON0046565  
Approval Yrs: 98,99,00,01,04,05,06,07,08  
SIC Code: 8111  
SIC Description: DEFENCE SERVICES

--- Details ---

Waste Code: 212  
Waste Description: ALIPHATIC SOLVENTS  
+ Waste Code: 212  
Waste Description: ALIPHATIC SOLVENTS  
+ Waste Code: 241  
Waste Description: HALOGENATED SOLVENTS  
+ Waste Code: 121  
Waste Description: ALKALINE WASTES - HEAVY METALS  
+ Waste Code: 213  
Waste Description: PETROLEUM DISTILLATES  
+ Waste Code: 112  
Waste Description: ACID WASTE - HEAVY METALS  
+ Waste Code: 145  
Waste Description: PAINT/PIGMENT/COATING RESIDUES  
+ Waste Code: 146  
Waste Description: OTHER SPECIFIED INORGANICS  
+

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Waste Code:		113			
Waste Description:		ACID WASTE - OTHER METALS			
+					
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
+					
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
+					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
+					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
+					
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			

[42](#)      6 of 9      W/255.8      69.4      **GVT OF CAN - NATIONAL DEFENSE  
MAPPING & CHARTING ESTABLISHMENT  
360 LEBRETON STREET  
OTTAWA ON K1A 0E9**      **GEN**

Generator #: ON0046565  
Approval Yrs: 92,93,97  
SIC Code: 8111  
SIC Description: DEFENCE SERVICES

--- Details ---

Waste Code: 113  
Waste Description: ACID WASTE - OTHER METALS  
+  
Waste Code: 211  
Waste Description: AROMATIC SOLVENTS  
+  
Waste Code: 252  
Waste Description: WASTE OILS & LUBRICANTS  
+  
Waste Code: 264  
Waste Description: PHOTOPROCESSING WASTES  
+  
Waste Code: 265  
Waste Description: GRAPHIC ART WASTES

[42](#)      7 of 9      W/255.8      69.4      **DEPT. OF NATIONAL DEFENSE  
MAPPING & CHARTING ESTABLISHMENT  
360 LEBRETON STREET  
OTTAWA ON**      **GEN**

Generator #: ON0046565  
Approval Yrs: 2011  
SIC Code: 911110  
SIC Description: Defence Services

--- Details ---

Waste Code: 121  
Waste Description: ALKALINE WASTES - HEAVY METALS  
+  
Waste Code: 213  
Waste Description: PETROLEUM DISTILLATES

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
+					
	Waste Code:	331			
	Waste Description:	WASTE COMPRESSED GASES			
+					
	Waste Code:	146			
	Waste Description:	OTHER SPECIFIED INORGANICS			
+					
	Waste Code:	145			
	Waste Description:	PAINT/PIGMENT/COATING RESIDUES			
+					
	Waste Code:	264			
	Waste Description:	PHOTOPROCESSING WASTES			
+					
	Waste Code:	241			
	Waste Description:	HALOGENATED SOLVENTS			
+					
	Waste Code:	113			
	Waste Description:	ACID WASTE - OTHER METALS			
+					
	Waste Code:	211			
	Waste Description:	AROMATIC SOLVENTS			
+					
	Waste Code:	122			
	Waste Description:	ALKALINE WASTES - OTHER METALS			
+					
	Waste Code:	252			
	Waste Description:	WASTE OILS & LUBRICANTS			
+					
	Waste Code:	212			
	Waste Description:	ALIPHATIC SOLVENTS			
+					
	Waste Code:	265			
	Waste Description:	GRAPHIC ART WASTES			
+					
	Waste Code:	112			
	Waste Description:	ACID WASTE - HEAVY METALS			

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W/255.8

69.4

GVT OF CAN - NATIONAL DEFENSE 17-505  
MAPPING & CHARTING ESTABLISHMENT  
360 LEBRETON STREET  
OTTAWA ON K1A 0E9

GEN

Generator #: ON0046565  
Approval Yrs: 94,95,96  
SIC Code: 8111  
SIC Description: DEFENCE SERVICES

--- Details ---

Waste Code: 113  
Waste Description: ACID WASTE - OTHER METALS  
+  
Waste Code: 211  
Waste Description: AROMATIC SOLVENTS  
+  
Waste Code: 252  
Waste Description: WASTE OILS & LUBRICANTS  
+  
Waste Code: 264  
Waste Description: PHOTOPROCESSING WASTES  
+

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
<a href="#">42</a>	9 of 9	W/255.8	69.4	DEPT. OF NATIONAL DEFENSE MAPPING & CHARTING ESTABLISHMENT 360 LEBRETON STREET OTTAWA ON	GEN
Generator #:		ON0046565			
Approval Yrs:		2013			
SIC Code:		911110			
SIC Description:					
--- Details ---					
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
+					
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
+					
Waste Code:		121			
Waste Description:		ALKALINE WASTES - HEAVY METALS			
+					
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
+					
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
+					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
+					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
+					
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
+					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
+					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
+					
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
+					
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
+					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
+					
Waste Code:		113			
Waste Description:		ACID WASTE - OTHER METALS			
+					
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<a href="#">43</a>	1 of 1	SSE/292.8	70.0	860 BRONSON AVENUE, OTTAWA ON K1S 4G7	INC

Incident ID: 2489668  
 Incident Number: 338174  
 SR Type: FS-Incident  
 Status Code: Non Mandated  
 Summary: 860 BRONSON AVENUE, OTTAWA - 1/2" PIPELINE HIT  
 Drainage System:  
 Sub Surface Contam.:  
 Aff. Prop. Use Water:  
 Contam. Migrated:  
 Contact Natural Env.:  
 Near Body of Water:  
 Approx. Quant. Rel.:  
 Equipment Model:  
 Serial No:  
 Residential App. Type:  
 Commercial App. Type:  
 Industrial App. Type:  
 Institutional App. Type:  
 Venting Type:  
 Vent Connector Mater.:  
 Vent Chimney Mater.:  
 Notes:  
 Pipeline Type: Service / Riser Distribution Pipeline  
 Pipeline Involved:  
 Pipe Material: Plastic  
 Depth Ground Cover:  
 Regulator Location:  
 Regulator Type:  
 Operation Pressure:  
 Pipeline Notes: damaged by mechanical equipment  
 Liquid Prop Make:  
 Liquid Prop Model:  
 Liquid Prop Serial No:  
 Equipment Type:  
 Cylinder Capacity:  
 Cylinder Capac. Units:  
 Cylinder Material Type:  
 Tank Capacity:  
 Tank Material Type:  
 Tank Storage Type:  
 Tank Location Type:  
 Pump Flow Rate Capac.:  
 Liquid Prop Notes:

<a href="#">44</a>	1 of 1	NE/261.3	74.3	ON	WWIS
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Well ID:	7207473	Lot:	
Concession:		Concession Name:	
County:	OTTAWA-CARLETON	Municipality:	OTTAWA CITY
Easting Nad83:	445395	Northing Nad83:	5027911
Zone:	18	Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:		Construction Date:	30-APR-13
Sec. Water Use:		Well Depth:	
Pump Rate:		Static Water Level:	
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance m</b>	<b>Elevation m</b>	<b>Site</b>	<b>DB</b>
Construction Method: Elevation (m): Depth to Bedrock: Water Type:				Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:	
<a href="#">45</a>	1 of 2	N/294.3	73.0	659 BRONSON AVENUE OTTAWA ON	HINC
External File Num: FS INC 0812-07555 Date of Occurrence: 12/6/2008 Fuel Occurrence Type: Explosion Fuel Type Involved: Regulated Fuel Not Involved Status Desc: Completed - No Action Required Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Commercial (e.g. restaurant, business unit, etc) Service Interruptions: No Property Damage: Yes Fuel Life Cycle Stage: Utilization Root Cause: Reported Details: OFM requesting TSSA assistance via Ottawa FD Fuel Category: Unknown Occurrence Type: Incident Affiliation: Safety Authorities (MOL, ESA, Insurers, etc.) County Name: Ottawa Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					
<a href="#">45</a>	2 of 2	N/294.3	73.0	659 BRONSON AVENUE OTTAWA ON	HINC
External File Num: FS INC 0812-07711 Date of Occurrence: 12/12/2008 Fuel Occurrence Type: Vapour Release Fuel Type Involved: Natural Gas Status Desc: Completed - No Action Required Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Commercial (e.g. restaurant, business unit, etc) Service Interruptions: No Property Damage: No Fuel Life Cycle Stage: Utilization Root Cause: Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident Affiliation: Safety Authorities (MOL, ESA, Insurers, etc.) County Name: Ottawa Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					
<a href="#">46</a>	1 of 1	WNW/289.4	73.1	345 Lebreton Street	EHS

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
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Ottawa ON K1A 0E9

Order No.: 20120416027  
 Report Date: 4/25/2012 2:58:08 PM  
 Report Type: Standard Report  
 Search Radius (km): 0.25  
 Addit. Info Ordered:

<a href="#">47</a>	1 of 1	NE/276.6	74.1	ON	BORE
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Borehole ID:	809489	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:		UTM Zone:	18
Easting:	445401.62	Northing:	5027925.1
Location Accuracy:		Orig. Ground Elev m:	-999.9
Elev. Reliability Note:		DEM Ground Elev m:	73.6
Total Depth m:	1.5	Primary Name:	AH.3
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	13-FEB-1989	Static Water Level:	-999.9
Primary Water Use:		Sec. Water Use:	

--- Details ---

Stratum ID:	218600235	Top Depth(m):	0.0
Bottom Depth(m):	0.1	Stratum Desc:	Asphalt
+			
Stratum ID:	218600236	Top Depth(m):	0.1
Bottom Depth(m):	0.2	Stratum Desc:	TAR AND CHIP
+			
Stratum ID:	218600237	Top Depth(m):	0.2
Bottom Depth(m):	0.5	Stratum Desc:	Grey Crushed Stone
+			
Stratum ID:	218600238	Top Depth(m):	0.5
Bottom Depth(m):	1.5	Stratum Desc:	Red-Brown to Grey Brown Sand Trace: Si

<a href="#">48</a>	1 of 1	NE/283.1	75.8	ON	BORE
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Borehole ID:	613098	Type:	Borehole
Use:		Status:	
Drill Method:		UTM Zone:	18
Easting:	445491	Northing:	5027842
Location Accuracy:		Orig. Ground Elev m:	72.1
Elev. Reliability Note:		DEM Ground Elev m:	75
Total Depth m:	6.6	Primary Name:	
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	DEC-1957	Static Water Level:	-999.9
Primary Water Use:		Sec. Water Use:	

--- Details ---

Stratum ID:	218393704	Top Depth(m):	0.0
Bottom Depth(m):	0.8	Stratum Desc:	ARTIFICIAL.

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance m</i>	<i>Elevation m</i>	<i>Site</i>	<i>DB</i>
+					
<i>Stratum ID:</i>	218393705			<i>Top Depth(m):</i>	0.8
<i>Bottom Depth(m):</i>	1.1			<i>Stratum Desc:</i>	SAND-FINE. LOOSE.
+					
<i>Stratum ID:</i>	218393706			<i>Top Depth(m):</i>	1.1
<i>Bottom Depth(m):</i>	2.7			<i>Stratum Desc:</i>	SAND-FINE. DENSE.
+					
<i>Stratum ID:</i>	218393707			<i>Top Depth(m):</i>	2.7
<i>Bottom Depth(m):</i>	3.4			<i>Stratum Desc:</i>	SAND-FINE. LOOSE.
+					
<i>Stratum ID:</i>	218393708			<i>Top Depth(m):</i>	3.4
<i>Bottom Depth(m):</i>	3.8			<i>Stratum Desc:</i>	UNSPECIFIED. LOOSE.
+					
<i>Stratum ID:</i>	218393709			<i>Top Depth(m):</i>	3.8
<i>Bottom Depth(m):</i>	6.6			<i>Stratum Desc:</i>	UNSPECIFIED. DENSE. 00025011000350170011000700125022 00025 011 00075 008 00100 012

# Unplottable Summary

Total: 79 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Taggart Construction Limited	Manotick River Crossing and Connection	Ottawa ON	
CA	Taggart Residential Developments Ltd.		Ottawa ON	
CA	R.M. OF OTTAWA-CARLETON	THIRD AVE./FOURTH AVE.	OTTAWA CITY ON	
CA	Taggart Residential Developments Ltd.		Ottawa ON	
CA	L.SIPOLINS	SOUTH OF CARLING AVE.	OTTAWA CITY ON	
CA	Taggart Residential Developments Ltd.		Ottawa ON	
CA	City of Ottawa	Carling Avenue (Road allowance)	Ottawa ON	
CA	OTTAWA CITY	BELL ST./CAMBRIDGE ST.	OTTAWA CITY ON	
CA	Taggart Residential Developments Ltd.		Ottawa ON	
CA	Taggart Residential Developments Ltd.		Ottawa ON	
CA	City of Ottawa	Carling Ave	Ottawa ON	
CA	City of Ottawa	Cambridge Street, Frederick Place and Jackson Ave	Ottawa ON	
CA	OTTAWA CITY	CAMBRIDGE STREET	OTTAWA CITY ON	
CA	OTTAWA CITY	BRONSON AVE/LYON ST/CLEMOW AVE	OTTAWA CITY ON	
CA	City of Ottawa	Chrysler Street from First Avenue to Fifth Avenue and Fourth Avenue from Bronson	Ottawa ON	
CA	City of Ottawa	Dow's Lake Road (Kippewa Drive to Old Sunset Boulevard)	Ottawa ON	
CA	Taggart Construction Limited	Mobile Facility	Ottawa ON	
CA	Taggart Investments Inc.	Part of Lot 23, Concession 1, formerly Geographic Township of Cumberland	Ottawa ON	

CA	Taggart Construction Limited	Hillside Gdns Long Island, Hartwell, Driscoll, Hillcrest, McLean, Claire, Jean P	Ottawa ON
CA	Ottawa-Carleton District School Board		Ottawa ON
CONV	Taggart Construction Limited		Ottawa ON
EBR	Taggart Construction Limited		Ottawa ON
ECA	Glenn Guilbault	Bell Street	Ottawa ON
ECA	City of Ottawa	First Avenue	City of Ottawa ON
ECA	City of Ottawa	Bronson Ave between Laurier Ave and Arlington Ave and Gladstone Ave between Camb	Ottawa ON
ECA	City of Ottawa	Carling Avenue	Ottawa ON
ECA	Taggart Corporation Ltd.	Ottawa	ON
EHS		Carling Ave N of Grandview Dr W	Ottawa ON
EHS		Carling Ave N Of, Grandview Rd	Ottawa ON
GEN	GVT OF CAN-HEALTH&WELFARE CAN.MED.16-303	SER.BR,UNIT#25,RM B-16, CARLING AVE.	OTTAWA ON
GEN	City of Ottawa	Bronson Avenue	Ottawa ON
GEN	City of Ottawa	Bronson Avenue	Ottawa ON
GEN	OTTAWA BOARD OF EDUCATION	ECOLE S. CHARLEBOIS, 2525, PROM.	OTTAWA ON
HINC		OLD HIGHWAY 17	OTTAWA ON
NEES	FIRST FUEL		OTTAWA CITY ON
NEES	FIRST FUEL		OTTAWA CITY ON
NEES	FIRST FUEL		OTTAWA CITY ON
NEES	FIRST FUEL		OTTAWA CITY ON
NEES	FIRST FUEL		OTTAWA CITY ON
NEES	FIRST FUEL		OTTAWA CITY ON

NPCB	AGRICUL TURE CANADA	MADAWASKA & COW LANE	OTTAWA ON
PTTW	AECON Construction & Materials Ltd.	30m north of the north-east corner of the Mississippi River and Highway #17	Ottawa ON
PTTW	Taggart Construction Limited	Lot: 14 & 15, Concession 3	Ottawa ON
RST	MR GAS LTD	HWY 17 ARNPRIOR	OTTAWA ON
SPL	FIRST FUEL		OTTAWA CITY ON
SPL	City of Ottawa	On the Transit Way at Lebreton St on the West Bound platform.	Ottawa ON
SPL	DEPT OF NATIONAL DEFENSE	OTTAWA AIRPORT	OTTAWA CITY ON
SPL	Taggart Construction Limited	Findlay Creek Subdivision	Ottawa ON
SPL	Taggart Construction Limited	Field adjacent to Findlay Creek<UNOFFICIAL>	Ottawa ON
SPL	City of Ottawa	Exit onto Bronson Ave	Ottawa ON
SPL	City of Ottawa	Ebound Carling Ave in front of Campbell's Ford dealership	Ottawa ON
SPL	MOTOR VEHICLE	BRONSON OVERPASS AT THE CANAL	OTTAWA CITY ON
SPL	DEPT OF NATIONAL DEFENSE	AIRPORT (MILITARY RAMP)	OTTAWA CITY ON
SPL	CRAWFORD TRANSPORT	ON HWY. 17 AT THE PLACE D'ORLEANS ABOUT 5 MI. EAST OF OTTAWA	OTTAWA-CARLETON R.M. ON
SPL	CONSTRUCTION SITE	MISSISSIPPI BRIDGE CONST. SITE, 300 M WEST OF HWY 17, 3.5 KM N OF ANTRIM	OTTAWA CITY ON
SPL		Hwy 17 where crosses South Indian Creek	Ottawa ON
SPL	TAGGART SERVICES	TRAILER IN YARD	OTTAWA CITY ON
SPL	Taggart Construction Limited	Closest accessible street is the south end of Kelly Farm Dr.	Ottawa ON
SPL	TRANSPORT TRUCK	HWY 16	OTTAWA CITY ON
SPL	HEATING OIL TANK	FARM OFF HWY 16	OTTAWA-CARLETON R.M. ON
SPL		Carling Ave W @ Britannia	Ottawa ON
SPL	NATIONAL DEFENCE	SHERLY'S BAY (PROPERTY) OFF CARLING AVE.	OTTAWA CITY ON



SPL	O.C. TRANSP	ON CARLING AVE. IN BETWEEN PARKDALE & HOLLAND ST.	OTTAWA CITY ON
SPL	Industry Canada - Communications Research Centre	Carling Avenue (Between Moody and March Road)	Ottawa ON
SPL		Carling Ave, EB and Melrose (centre of intersection)	Ottawa ON
SPL		Carling Ave near Woodroffe	Ottawa ON
SPL	OTTAWA TRANSIT	CARLING AVENUE	OTTAWA ON
SPL	HOTEL/MOTEL	CARLING AVENUE	OTTAWA CITY ON
SPL	City of Ottawa	CARLING AVE., IN FRONT OF WESTGATE SHOPPING CENTRE<UNOFFICIAL>	Ottawa ON
SPL	OC TRANSP	CARLING AVE. BETWEE COLE AVE. & MAITLAND AVE.	OTTAWA CITY ON
SPL		Graham Creek outfall near Carling Av.<UNOFFICIAL>	Ottawa ON
SPL	City of Ottawa	Bronson St E, north of Catherine St	Ottawa ON
SPL		RIDEAU RIVER, AT BRONSON AVE NEAR \	OTTAWA CITY ON
SPL	Enbridge Gas Distribution Inc.	Bronson Avenue near Fourth Ave.	Ottawa ON
SPL		Bronson Ave	Ottawa ON
SPL	CONSTRUCTION COMPANY	BRONSON AVENUE AT RIDEAU RIVER.	OTTAWA CITY ON
SPL	LECLAIR FUELS LTD.	BRONSON AVENUE	OTTAWA CITY ON
SPL	Ottawa Hydro <UNOFFICIAL>	ON BELL ST. E. OF WESTRIDGE DR. ACROSS FROM LOT 173 IN STITTSVILLE <UNOFFICIAL>	Ottawa ON
WWIS			ON

# Unplottable Report

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**Site:** *Taggart Construction Limited*  
*Manotick River Crossing and Connection Ottawa ON*

**Database:**  
*CA*

Certificate #: 1811-7Q2HVN  
Application Year: 2009  
Issue Date: 3/20/2009  
Approval Type: Industrial Sewage Works  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** *Taggart Residential Developments Ltd.*  
*Ottawa ON*

**Database:**  
*CA*

Certificate #: 7167-6SJU4P  
Application Year: 2006  
Issue Date: 8/17/2006  
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*  
*THIRD AVE./FOURTH AVE. OTTAWA CITY ON*

**Database:**  
*CA*

Certificate #: 7-0844-95-  
Application Year: 95  
Issue Date: 8/22/1995  
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:** **Taggart Residential Developments Ltd.**  
**Ottawa ON**

**Database:**  
**CA**

Certificate #: 1090-89DRC4  
Application Year: 2010  
Issue Date: 9/23/2010  
Approval Type: Municipal and Private Sewage Works  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

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**Site:** **L.SIPOLINS**  
**SOUTH OF CARLING AVE. OTTAWA CITY ON**

**Database:**  
**CA**

Certificate #: 7-1008-85-006  
Application Year: 85  
Issue Date: 11/15/85  
Approval Type: Municipal water  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** **Taggart Residential Developments Ltd.**  
**Ottawa ON**

**Database:**  
**CA**

Certificate #: 0092-6MUKH2  
Application Year: 2006  
Issue Date: 3/13/2006  
Approval Type: Municipal and Private Sewage Works  
Status: Revoked and/or Replaced  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

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**Site:** **City of Ottawa**  
**Carling Avenue (Road allowance) Ottawa ON**

**Database:**  
**CA**

Certificate #: 3615-6QHRAR  
Application Year: 2006  
Issue Date: 6/13/2006

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:** OTTAWA CITY  
BELL ST./CAMBRIDGE ST. OTTAWA CITY ON

**Database:**  
CA

Certificate #: 3-0344-96-  
Application Year: 96  
Issue Date: 5/16/1996  
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:** Taggart Residential Developments Ltd.  
Ottawa ON

**Database:**  
CA

Certificate #: 1047-6MPLMW  
Application Year: 2006  
Issue Date: 3/24/2006  
Approval Type: Municipal and Private Sewage Works  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** Taggart Residential Developments Ltd.  
Ottawa ON

**Database:**  
CA

Certificate #: 4595-77ZKND  
Application Year: 2007  
Issue Date: 10/15/2007  
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:** City of Ottawa  
Carling Ave Ottawa ON

**Database:**  
CA

Certificate #: 2472-8GRQTN  
Application Year: 2011  
Issue Date: 5/20/2011  
Approval Type: Municipal and Private Sewage Works  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** City of Ottawa  
Cambridge Street, Frederick Place and Jackson Ave Ottawa ON

**Database:**  
CA

Certificate #: 9353-82HMYD  
Application Year: 2010  
Issue Date: 2/12/2010  
Approval Type: Municipal and Private Sewage Works  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** OTTAWA CITY  
CAMBRIDGE STREET OTTAWA CITY ON

**Database:**  
CA

Certificate #: 3-1560-86-  
Application Year: 86  
Issue Date: 10/8/1986  
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 CITY

**Database:**  
CA

**BRN SON AVE/LYON ST/CLEMOW AVE OTTAWA CITY ON**

Certificate #: 3-0529-95-  
Application Year: 95  
Issue Date: 5/30/1995  
Approval Type: Municipal sewage  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** **City of Ottawa**  
**Chrysler Street from First Avenue to Fifth Avenue and Fourth Avenue from Bronson Ottawa ON**

**Database:**  
**CA**

Certificate #: 0624-86JGRB  
Application Year: 2010  
Issue Date: 8/3/2010  
Approval Type: Municipal and Private Sewage Works  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** **City of Ottawa**  
**Dow's Lake Road (Kippewa Drive to Old Sunset Boulevard) Ottawa ON**

**Database:**  
**CA**

Certificate #: 2546-8H6LRE  
Application Year: 2011  
Issue Date: 5/24/2011  
Approval Type: Municipal and Private Sewage Works  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

**Site:** **Taggart Construction Limited**  
**Mobile Facility Ottawa ON**

**Database:**  
**CA**

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



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

---

**Site:** **Taggart Investments Inc.**  
**Part of Lot 23, Concession 1, formerly Geographic Township of Cumberland Ottawa ON**

**Database:**  
**CA**

Certificate #: 5894-6G6MVY  
Application Year: 2005  
Issue Date: 9/26/2005  
Approval Type: Municipal and Private Sewage Works  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

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**Site:** **Taggart Construction Limited**  
**Hillside Gdns Long Island, Hartwell, Driscoll, Hillcrest, McLean, Claire, Jean P Ottawa ON**

**Database:**  
**CA**

Certificate #: 7701-7PURU5  
Application Year: 2009  
Issue Date: 3/20/2009  
Approval Type: Industrial Sewage Works  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

---

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

**Database:**  
**CA**

Certificate #: 3668-7ZNLYJ  
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:** **Taggart Construction Limited**  
**Ottawa ON**

**Database:**  
**CONV**

File No.: 012802

Crown Brief No.:

Ministry District:

Region:

Description:

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

--- Details ---

Date Charged: January 15, 2009

Fine: \$5,000

Act/Regulation/Section: OWRA

Charge Disposition: fine, victim fine surcharge

---

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

**Database:**  
**EBR**

Year: 2007

EBR Registry No.: IA07E0165

Ministry Ref. No.: 8556-6XWUA3

Type: Instrument Proposal

Instrument Type: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9

Proposal Date:

Location: Mobile Facility Ottawa Ontario

Proponent Address: 3187 Albion Rd S Ottawa Ontario K1V 8Y3

---

**Site:** **Glenn Guilbault**  
**Bell Street Ottawa ON**

**Database:**  
**ECA**

CofA Number: 6844-9PALMX

Date: 9/26/14

Status: Approved

Project Type: Municipal and Private Sewage

---

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

**Database:**  
**ECA**

CofA Number: 3115-9LPLFE

Date: 7/8/14

---

Status: Approved  
Project Type: Municipal and Private Sewage

---

**Site:** **City of Ottawa** **Database:**  
**Bronson Ave between Laurier Ave and Arlington Ave and Gladstone Ave between Camb Ottawa ON** **ECA**

CofA Number: 3535-8T9LDY  
Date: 4/12/2012  
Status: Approved  
Project Type: Municipal and Private Sewage

---

**Site:** **City of Ottawa** **Database:**  
**Carling Avenue Ottawa ON** **ECA**

CofA Number: 3723-9ATJC6  
Date: 30-AUG-13  
Status: Approved  
Project Type: Municipal and Private Sewage

---

**Site:** **Taggart Corporation Ltd.** **Database:**  
**Ottawa ON** **ECA**

CofA Number: 1174-96MSDF  
Date: 19-APR-13  
Status: Approved  
Project Type: Industrial Sewage

---

**Site:** **Carling Ave N of Grandview Dr W Ottawa ON** **Database:**  
**EHS**

Order No.: 20051017043  
Report Date: 10/18/2005  
Report Type: Site Report  
Search Radius (km): 0.25  
Addit. Info Ordered:

---

**Site:** **Carling Ave N Of, Grandview Rd Ottawa ON** **Database:**  
**EHS**

Order No.: 20051020002  
Report Date: 10/18/2005  
Report Type: Site Report  
Search Radius (km): 0.25  
Addit. Info Ordered:

---

**Site:** **GVT OF CAN-HEALTH&WELFARE CAN.MED.16-303** **Database:**  
**SER.BR,UNIT#25,RM B-16, CARLING AVE. OTTAWA ON** **GEN**

Generator #: ON0095617  
Approval Yrs: 92,93,94,95,96,97  
SIC Code: 8635  
SIC Description: PUB. HEALTH CLINICS

---

--- Details ---

Waste Code: 312  
Waste Description: PATHOLOGICAL WASTES

---

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

**Database:**  
GEN

Generator #: ON3229547  
Approval Yrs: 2012  
SIC Code: 237110  
SIC Description: Water and Sewer Line and Related Structures Construction

---

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

**Database:**  
GEN

Generator #: ON3229547  
Approval Yrs: 2013  
SIC Code: 237110  
SIC Description: WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION

---

--- Details ---

Waste Code: 221  
Waste Description: LIGHT FUELS

---

**Site:** OTTAWA BOARD OF EDUCATION  
ECOLE S. CHARLEBOIS, 2525, PROM. OTTAWA ON

**Database:**  
GEN

Generator #: ON0375222  
Approval Yrs: 86,87,88,89  
SIC Code: 8511  
SIC Description: ELEM./SECON. EDUC.

---

--- Details ---

Waste Code: 148  
Waste Description: INORGANIC LABORATORY CHEMICALS  
+  
Waste Code: 263  
Waste Description: ORGANIC LABORATORY CHEMICALS

---

**Site:** OLD HIGHWAY 17 OTTAWA ON

**Database:**  
HINC

External File Num: FS INC 0708-04538  
Date of Occurrence:  
Fuel Occurrence Type:  
Fuel Type Involved:  
Status Desc: Completed - No Action Required  
Job Type Desc: Incident/Near-Miss Occurrence (FS)  
Oper. Type Involved:  
Service Interruptions:  
Property Damage:  
Fuel Life Cycle Stage:  
Root Cause:  
Reported Details: Facility type is not specified. Report of waste oil spill. Non-mandated.  
Fuel Category: Unknown  
Occurrence Type: Incident  
Affiliation: Member of the General Public  
County Name: Ottawa

---

Approx. Quant. Rel:  
Nearby body of water:  
Enter Drainage Syst.:  
Approx. Quant. Unit:  
Environmental Impact:

---

**Site:** FIRST FUEL  
OTTAWA CITY ON

**Database:**  
NEES

Incident Date: 1/5/89  
Contaminant: HEATING OIL  
Amount: 0  
Units: Overflow  
Quantity:  
Cause: Error  
Source: Tank Truck  
Reason:  
Sector: Transportation

---

**Site:** FIRST FUEL  
OTTAWA CITY ON

**Database:**  
NEES

Incident Date: 3/18/88  
Contaminant: HEATING OIL  
Amount: 0  
Units: Valve, Fitting Leak  
Quantity:  
Cause: Equipment Failure  
Source: Tank Truck  
Reason:  
Sector: Transportation

---

**Site:** FIRST FUEL  
OTTAWA CITY ON

**Database:**  
NEES

Incident Date: 3/18/88  
Contaminant: HEATING OIL  
Amount: 0  
Units: Unknown  
Quantity:  
Cause: Unknown  
Source: Tank Truck  
Reason:  
Sector: Transportation

---

**Site:** FIRST FUEL  
OTTAWA CITY ON

**Database:**  
NEES

Incident Date: 3/4/88  
Contaminant: HEATING OIL  
Amount: 0  
Units: Overflow  
Quantity:  
Cause: Error  
Source: Tank Truck  
Reason:

Sector: Transportation

**Site:** FIRST FUEL  
OTTAWA CITY ON

**Database:**  
NEES

Incident Date: 2/13/88  
Contaminant: HEATING OIL  
Amount: 0  
Units: Unknown  
Quantity:  
Cause: Unknown  
Source: Tank Truck  
Reason:  
Sector: Transportation

**Site:** FIRST FUEL  
OTTAWA CITY ON

**Database:**  
NEES

Incident Date: 11/4/88  
Contaminant: HEATING OIL  
Amount: 0  
Units: Overflow  
Quantity:  
Cause: Unknown  
Source: Tank Truck  
Reason:  
Sector: Transportation

**Site:** AGRICUL TURE CANADA  
MADAWASKA & COW LANE OTTAWA ON

**Database:**  
NPCB

Company Code: O3002  
Transaction Date: 6/17/1999  
Inspection Date: 10/1/1996  
Industry: AGRICULTURE CANADA  
Site Status: FEDERAL STORAGE REGION 4&5

**Site:** AECON Construction & Materials Ltd.  
30m north of the north-east corner of the Mississippi River and Highway #17 Ottawa ON

**Database:**  
PTTW

Year: 2003  
EBR Registry No.: IA03E1774  
Ministry Ref. No.: ER-7826-51-rR62  
Type: Instrument Final Decision  
Instrument Type: Permit to take water - OWRA s. 34  
Proposal Date:  
Location: Approximately 30m north of the north-east corner of the Mississippi River and Highway #17,  
Ottawa (geographic Township of West Carleton)  
Proponent Address: 11 Indell Lane Brampton Ontario L6T 3Y3

**Site:** Taggart Construction Limited  
Lot: 14 & 15, Concession 3 Ottawa ON

**Database:**  
PTTW

Year: 2008  
EBR Registry No.: 010-3143



Ministry Ref. No.: 6038-7D4RTG  
Type: Instrument Proposal  
Instrument Type: (OWRA s. 34) - Permit to take water  
Proposal Date: July 11, 2008  
Location: Lot: 14 & 15, Concession 3, City of Ottawa  
Proponent Address: 3187 Albion Rd S Ottawa Ontario K1V 8Y3

---

**Site:** MR GAS LTD  
HWY 17 ARNPRIOR OTTAWA ON

**Database:**  
RST

Facility: Service Stations-Gasoline, Oil & Natural Gas  
Description:

---

**Site:** FIRST FUEL  
OTTAWA CITY ON

**Database:**  
SPL

Ref No.: 31237  
Incident Dt: 2/22/1990  
MOE Reported Dt: 2/22/1990  
Contaminant Name:  
Contaminant Quantity:  
Incident Summary: FIRST FUELS-5 L FURNACE OIL TO WATER PUDDLE.  
Incident Cause: PIPE/HOSE LEAK  
Incident Reason: ERROR  
Nature of Impact:  
Receiving Medium: LAND / WATER  
Environmental Impact:

---

**Site:** City of Ottawa  
On the Transit Way at Lebreton St on the West Bound platform. Ottawa ON

**Database:**  
SPL

Ref No.: 2663-7DAJH6  
Incident Dt:  
MOE Reported Dt: 4/1/2008  
Contaminant Name: TRANSMISSION OIL  
Contaminant Quantity: 4 L  
Incident Summary: Transmission Oil Spill: OC Transpo, Ottawa  
Incident Cause:  
Incident Reason:  
Nature of Impact:  
Receiving Medium:  
Environmental Impact: Not Anticipated

---

**Site:** DEPT OF NATIONAL DEFENSE  
OTTAWA AIRPORT OTTAWA CITY ON

**Database:**  
SPL

Ref No.: 226437  
Incident Dt: 5/26/2002  
MOE Reported Dt: 5/27/2002  
Contaminant Name:  
Contaminant Quantity:  
Incident Summary: DND: AIRCRAFT #15005 30 L JET A1 TO GRND CONTAINED AND CLEANED  
Incident Cause: CONTAINER OVERFLOW  
Incident Reason: UNKNOWN  
Nature of Impact: Soil contamination  
Receiving Medium: LAND

Environmental Impact: POSSIBLE

---

**Site:** **Taggart Construction Limited**  
**Findlay Creek Subdivision Ottawa ON**

**Database:**  
**SPL**

Ref No.: 4066-82SU3T  
Incident Dt:  
MOE Reported Dt: 2/18/2010  
Contaminant Name: SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)  
Contaminant Quantity: 90 min (duration)  
Incident Summary: Taggart Construction: sediment to Findlay Creek  
Incident Cause: Discharge Or Bypass To A Watercourse  
Incident Reason: Overstress/Pressure - Any form of overloading wherein the design strength of the container was exceeded  
Nature of Impact: Surface Water Pollution  
Receiving Medium:  
Environmental Impact: Confirmed

---

**Site:** **Taggart Construction Limited**  
**Field adjacent to Findlay Creek<UNOFFICIAL> Ottawa ON**

**Database:**  
**SPL**

Ref No.: 5017-82RTMZ  
Incident Dt:  
MOE Reported Dt: 2/17/2010  
Contaminant Name: SILT  
Contaminant Quantity: 0 other - see incident description  
Incident Summary: Taggart Construction: silt to Findlay Creek  
Incident Cause:  
Incident Reason:  
Nature of Impact: Surface Water Pollution  
Receiving Medium:  
Environmental Impact: Not Anticipated

---

**Site:** **City of Ottawa**  
**Exit onto Bronson Ave Ottawa ON**

**Database:**  
**SPL**

Ref No.: 3585-5RV5CT  
Incident Dt: 9/29/2003  
MOE Reported Dt: 9/29/2003  
Contaminant Name: POWER STEERING FLUID  
Contaminant Quantity: 10 L  
Incident Summary: OC Transpo- 10 L power steer.fl. to cb. cleaning  
Incident Cause: Unknown  
Incident Reason: Other - Reason not otherwise defined  
Nature of Impact:  
Receiving Medium: Water  
Environmental Impact: Not Anticipated

---

**Site:** **City of Ottawa**  
**Ebound Carling Ave in front of Campbell's Ford dealership Ottawa ON**

**Database:**  
**SPL**

Ref No.: 6113-7XUHSY  
Incident Dt:  
MOE Reported Dt: 11/16/2009  
Contaminant Name: COOLANT N.O.S.  
Contaminant Quantity: 10 L

*Incident Summary:* OC Transpo: 10 L coolant to rd, cb.  
*Incident Cause:* Pipe Or Hose Leak  
*Incident Reason:* Other - Reason not otherwise defined  
*Nature of Impact:*  
*Receiving Medium:*  
*Environmental Impact:* Not Anticipated

---

**Site: MOTOR VEHICLE  
BRN SON OVERPASS AT THE CANAL OTTAWA CITY ON**

**Database:  
SPL**

*Ref No.:* 99079  
*Incident Dt:* 4/25/1994  
*MOE Reported Dt:* 4/25/1994  
*Contaminant Name:*  
*Contaminant Quantity:*  
*Incident Summary:* MOTOR VEHICLE:200L DIESEL LEAKED ON THE ROAD, SOME INTO SEWER, WORKS CALLED  
*Incident Cause:* OTHER CONTAINER LEAK  
*Incident Reason:* MATERIAL FAILURE  
*Nature of Impact:* Water course or lake  
*Receiving Medium:* LAND  
*Environmental Impact:* POSSIBLE

---

**Site: DEPT OF NATIONAL DEFENSE  
AIRPORT (MILITARY RAMP) OTTAWA CITY ON**

**Database:  
SPL**

*Ref No.:* 8603  
*Incident Dt:* 8/25/1988  
*MOE Reported Dt:* 8/25/1988  
*Contaminant Name:*  
*Contaminant Quantity:*  
*Incident Summary:* DEPT OF NAT'L DEFENSE - 150 L JET FUEL (A) TO AIRPORT RAMP.  
*Incident Cause:* VALVE/FITTING LEAK OR FAILURE  
*Incident Reason:* EQUIPMENT FAILURE  
*Nature of Impact:*  
*Receiving Medium:* LAND  
*Environmental Impact:*

---

**Site: CRAWFORD TRANSPORT  
ON HWY. 17 AT THE PLACE D'ORLEANS ABOUT 5 MI. EAST OF OTTAWA OTTAWA-CARLETON R.M.  
ON**

**Database:  
SPL**

*Ref No.:* 68430  
*Incident Dt:* 3/26/1992  
*MOE Reported Dt:* 3/26/1992  
*Contaminant Name:*  
*Contaminant Quantity:*  
*Incident Summary:* P.P. CRAWFORD TRANSPORT - 450 L OF LIQUID TAR TO ROAD FROM TANK TRUCK.  
*Incident Cause:* CONTAINER OVERFLOW  
*Incident Reason:* OTHER  
*Nature of Impact:* Other  
*Receiving Medium:* LAND  
*Environmental Impact:* NOT ANTICIPATED

---

**Site: CONSTRUCTION SITE  
MISSISSIPPI BRIDGE CONST. SITE, 300 M WEST OF HWY 17, 3.5 KM N OF ANTRIM OTTAWA CITY**

**Database:  
SPL**

**ON**

Ref No.: 192858  
Incident Dt: 1/3/2001  
MOE Reported Dt: 1/3/2001  
Contaminant Name:  
Contaminant Quantity:  
Incident Summary: DUFFERIN CONSTRUCTION- 40-60 L SILTY WATER OVER-FLOWED SILT FENCE,CONT'D.  
Incident Cause: CONTAINER OVERFLOW  
Incident Reason: UNKNOWN  
Nature of Impact: Water course or lake  
Receiving Medium: Land  
Environmental Impact: Not Anticipated

---

**Site:** Hwy 17 where crosses South Indian Creek Ottawa ON **Database:** SPL

Ref No.: 6723-75LPCT  
Incident Dt:  
MOE Reported Dt: 7/30/2007  
Contaminant Name: HYDRAULIC OIL  
Contaminant Quantity: 0.5 L  
Incident Summary: Dufferin Construction: 0.5 L hyd. oil to South Indian Creek  
Incident Cause:  
Incident Reason:  
Nature of Impact: Surface Water Pollution  
Receiving Medium: Water  
Environmental Impact: Confirmed

---

**Site:** TAGGART SERVICES TRAILER IN YARD OTTAWA CITY ON **Database:** SPL

Ref No.: 21945  
Incident Dt: 7/13/1989  
MOE Reported Dt: 7/13/1989  
Contaminant Name:  
Contaminant Quantity:  
Incident Summary: TAGGART SERVICES- 2L JUGSOF HYPOCHLORITE(JAVEX) SLON SPILLED IN TRAILER.  
Incident Cause: OTHER CONTAINER LEAK  
Incident Reason: UNKNOWN  
Nature of Impact:  
Receiving Medium: LAND  
Environmental Impact:

---

**Site:** Taggart Construction Limited Closest accessible street is the south end of Kelly Farm Dr. Ottawa ON **Database:** SPL

Ref No.: 7527-82RKD5  
Incident Dt:  
MOE Reported Dt: 2/17/2010  
Contaminant Name: SILT  
Contaminant Quantity: 0 other - see incident description  
Incident Summary: Taggart Construction: Silt spill to Findlay Creek.  
Incident Cause: Discharge Or Bypass To A Watercourse  
Incident Reason: Spill  
Nature of Impact: Surface Water Pollution  
Receiving Medium:

Environmental Impact: Not Anticipated

---

**Site:** TRANSPORT TRUCK  
HWY 16 OTTAWA CITY ON

**Database:**  
SPL

Ref No.: 76308  
Incident Dt: 9/15/1992  
MOE Reported Dt: 9/15/1992  
Contaminant Name:  
Contaminant Quantity:  
Incident Summary: TRANSPORT TRUCK-450 L DIESEL FUEL TO HWY 16 CONTAINED,FD,PD,MTO.  
Incident Cause: OTHER CONTAINER LEAK  
Incident Reason: ERROR  
Nature of Impact: Soil contamination  
Receiving Medium: LAND  
Environmental Impact: POSSIBLE

---

**Site:** HEATING OIL TANK  
FARM OFF HWY 16 OTTAWA-CARLETON R.M. ON

**Database:**  
SPL

Ref No.: 30436  
Incident Dt: 1/31/1990  
MOE Reported Dt: 1/31/1990  
Contaminant Name:  
Contaminant Quantity:  
Incident Summary: STOVE OIL TANK-900 L STOVE OIL TO GROUND.  
Incident Cause: ABOVE-GROUND TANK LEAK  
Incident Reason: CORROSION  
Nature of Impact:  
Receiving Medium: LAND  
Environmental Impact:

---

**Site:** Carling Ave W @ Britannia Ottawa ON

**Database:**  
SPL

Ref No.: 5535-794K7V  
Incident Dt:  
MOE Reported Dt: 11/19/2007  
Contaminant Name: COOLANT N.O.S.  
Contaminant Quantity: 1 L  
Incident Summary: OC Transpo - @1L coolant to CB  
Incident Cause: Pipe Or Hose Leak  
Incident Reason: Equipment Failure  
Nature of Impact: Other Impact(s); Surface Water Pollution  
Receiving Medium: Water  
Environmental Impact: Confirmed

---

**Site:** NATIONAL DEFENCE  
SHERLY'S BAY (PROPERTY) OFF CARLING AVE. OTTAWA CITY ON

**Database:**  
SPL

Ref No.: 223921  
Incident Dt: 4/11/2002  
MOE Reported Dt: 4/11/2002  
Contaminant Name:  
Contaminant Quantity:  
Incident Summary: NATIONAL DEFENCE, LEAKING UST, INSTALLED PRE 1980 UNKNOW VOLUME TO

Incident Cause: GRND  
Incident Reason: UNDERGROUND TANK LEAK  
Nature of Impact: UNKNOWN  
Receiving Medium: Soil contamination  
Environmental Impact: LAND  
POSSIBLE

---

**Site:** O.C. TRANSP0  
ON CARLING AVE. IN BETWEEN PARKDALE & HOLLAND ST. OTTAWA CITY ON

**Database:**  
SPL

Ref No.: 113894  
Incident Dt: 6/1/1995  
MOE Reported Dt: 6/1/1995  
Contaminant Name:  
Contaminant Quantity:  
Incident Summary: O.C. TRANSP0 - UNKNOWN AMOUNT OF MOTOR OIL TO RD. & SEWER FROM BUS.  
Incident Cause: OTHER CONTAINER LEAK  
Incident Reason: EQUIPMENT FAILURE  
Nature of Impact: Water course or lake  
Receiving Medium: LAND / WATER  
Environmental Impact: POSSIBLE

---

**Site:** Industry Canada - Communications Research Centre  
Carling Avenue (Between Moody and March Road) Ottawa ON

**Database:**  
SPL

Ref No.: 6336-5TMS96  
Incident Dt: 11/25/2003  
MOE Reported Dt: 11/25/2003  
Contaminant Name: SEWAGE,RAW UNCHLORINATED  
Contaminant Quantity:  
Incident Summary: CRC: Sewage forcemain hit, contained to land  
Incident Cause: Valve / Fitting Leak Or Failure  
Incident Reason: Error- Operator error  
Nature of Impact: Other Impact(s)  
Receiving Medium: Land  
Environmental Impact: Not Anticipated

---

**Site:** Carling Ave, EB and Melrose (centre of intersection) Ottawa ON

**Database:**  
SPL

Ref No.: 1662-97RRRA  
Incident Dt: 16-MAY-13  
MOE Reported Dt: 16-MAY-13  
Contaminant Name: HYDRAULIC OIL  
Contaminant Quantity: 10 L  
Incident Summary: OC Transpo: 10 L hydraulic oil to rd/CB. Cntd/clng.  
Incident Cause: Leak/Break  
Incident Reason: Equipment Failure  
Nature of Impact: Surface Water Pollution  
Receiving Medium:  
Environmental Impact: Confirmed

---

**Site:** Carling Ave near Woodroffe Ottawa ON

**Database:**  
SPL

Ref No.: 3016-6UGHU4



Incident Dt: 10/11/2006  
MOE Reported Dt: 10/11/2006  
Contaminant Name: HYDRAULIC OIL  
Contaminant Quantity: 9 L  
Incident Summary: Carling Ave: spill 2 gallons hydraulic oil  
Incident Cause:  
Incident Reason:  
Nature of Impact: Soil Contamination  
Receiving Medium: Land  
Environmental Impact: Not Anticipated

---

**Site:** OTTAWA TRANSIT  
CARLING AVENUE OTTAWA ON

**Database:**  
SPL

Ref No.: 187680  
Incident Dt: 9/29/2000  
MOE Reported Dt: 9/29/2000  
Contaminant Name:  
Contaminant Quantity:  
Incident Summary: OC TRANSP:DIESEL FUEL LEAK FROM FUEL PUMP/LINE INTO SEWER-WORKS  
NOTIFIED  
Incident Cause: PIPE/HOSE LEAK  
Incident Reason: UNKNOWN  
Nature of Impact: Water course or lake  
Receiving Medium: WATER  
Environmental Impact: POSSIBLE

---

**Site:** HOTEL/MOTEL  
CARLING AVENUE OTTAWA CITY ON

**Database:**  
SPL

Ref No.: 84065  
Incident Dt: 4/14/1993  
MOE Reported Dt: 4/14/1993  
Contaminant Name:  
Contaminant Quantity:  
Incident Summary: EMBASSY WEST HOTEL: FUEL-CONTAMINATED SOIL FOUND BY UNDERGROUND  
TANK  
Incident Cause: UNDERGROUND TANK LEAK  
Incident Reason: CORROSION  
Nature of Impact: Soil contamination  
Receiving Medium: LAND  
Environmental Impact: CONFIRMED

---

**Site:** City of Ottawa  
CARLING AVE., IN FRONT OF WESTGATE SHOPPING CENTRE<UNOFFICIAL> Ottawa ON

**Database:**  
SPL

Ref No.: 7707-5XRK48  
Incident Dt: 4/5/2004  
MOE Reported Dt: 4/5/2004  
Contaminant Name: COOLANT (N.O.S.)  
Contaminant Quantity: 7 L  
Incident Summary: OC Transpo,7 L antifreeze into storm sewer,works  
Incident Cause: Pipe Or Hose Leak  
Incident Reason: Equipment Failure  
Nature of Impact: Soil Contamination  
Receiving Medium: Land  
Environmental Impact: Possible

---

---

**Site:** OC TRANSP  
CARLING AVE. BETWEE COLE AVE. & MAITLAND AVE. OTTAWA CITY ON

**Database:**  
SPL

Ref No.: 238849  
Incident Dt: 9/9/2002  
MOE Reported Dt: 9/9/2002  
Contaminant Name:  
Contaminant Quantity:  
Incident Summary: OC TRANSIT BUS: 60 L HYDRAULIC OIL TO ROAD & STORM SEWER. CLEANING.  
Incident Cause: PIPE/HOSE LEAK  
Incident Reason: EQUIPMENT FAILURE  
Nature of Impact: Multi Media Pollution  
Receiving Medium: LAND, WATER  
Environmental Impact: POSSIBLE

---

**Site:** Graham Creek outfall near Carling Av.<UNOFFICIAL> Ottawa ON

**Database:**  
SPL

Ref No.: 7230-6EESVB  
Incident Dt: 7/18/2005  
MOE Reported Dt: 7/18/2005  
Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED)  
Contaminant Quantity:  
Incident Summary: Ukn srce, film on Graham Ck, Works & ERP  
Incident Cause: Discharge Or Bypass To A Watercourse  
Incident Reason: Unknown - Reason not determined  
Nature of Impact: Surface Water Pollution  
Receiving Medium: Water  
Environmental Impact: Possible

---

**Site:** City of Ottawa  
Bronson St E, north of Catherine St Ottawa ON

**Database:**  
SPL

Ref No.: 0342-74AGWM  
Incident Dt:  
MOE Reported Dt: 6/18/2007  
Contaminant Name: COOLANT N.O.S.  
Contaminant Quantity: 1 L  
Incident Summary: 1L coolant to catch basin. Cleaning.  
Incident Cause: Pipe Or Hose Leak  
Incident Reason: Unknown - Reason not determined  
Nature of Impact: Surface Water Pollution  
Receiving Medium: Water  
Environmental Impact: Not Anticipated

---

**Site:** RIDEAU RIVER, AT BRONSON AVE NEAR \ OTTAWA CITY ON

**Database:**  
SPL

Ref No.: 94444  
Incident Dt: 11/22/1993  
MOE Reported Dt: 11/22/1993  
Contaminant Name:  
Contaminant Quantity:  
Incident Summary:  
Incident Cause:  
Incident Reason:  
Nature of Impact:

Receiving Medium: WATER  
Environmental Impact:

---

**Site:** **Enbridge Gas Distribution Inc.**  
**Bronson Avenue near Fourth Ave. Ottawa ON**

**Database:**  
**SPL**

Ref No.: 3447-8TESBJ  
Incident Dt: 16-APR-12  
MOE Reported Dt: 16-APR-12  
Contaminant Name: NATURAL GAS, COMPRESSED (METHANE)  
Contaminant Quantity:  
Incident Summary: Enbridge, TSSA FSB: 4" Gas Main Strike, Nat Gas to Air  
Incident Cause: Pipe Or Hose Leak  
Incident Reason: Spill  
Nature of Impact:  
Receiving Medium: Sewage - Municipal/Private and Commercial  
Environmental Impact: Confirmed

---

**Site:** **Bronson Ave Ottawa ON**

**Database:**  
**SPL**

Ref No.: 5310-7DDTQN  
Incident Dt:  
MOE Reported Dt: 4/4/2008  
Contaminant Name: COOLANT N.O.S.  
Contaminant Quantity: 25 L  
Incident Summary: OC Transpo: Antifreeze to sewer from bus. Carleton U.  
Incident Cause: Unknown  
Incident Reason: Equipment Failure  
Nature of Impact:  
Receiving Medium:  
Environmental Impact: Not Anticipated

---

**Site:** **CONSTRUCTION COMPANY**  
**BRONSON AVENUE AT RIDEAU RIVER. OTTAWA CITY ON**

**Database:**  
**SPL**

Ref No.: 93972  
Incident Dt: 11/30/1993  
MOE Reported Dt: 11/30/1993  
Contaminant Name:  
Contaminant Quantity:  
Incident Summary: CONSTRUCTION COMPANY- DIESEL TO RIVER FROM OVERTURNED CRANE.  
Incident Cause: OTHER CONTAINER LEAK  
Incident Reason: ERROR  
Nature of Impact: Water course or lake  
Receiving Medium: WATER  
Environmental Impact: NOT ANTICIPATED

---

**Site:** **LECLAIR FUELS LTD.**  
**BRONSON AVENUE OTTAWA CITY ON**

**Database:**  
**SPL**

Ref No.: 9634  
Incident Dt: 9/21/1988  
MOE Reported Dt: 9/21/1988  
Contaminant Name:  
Contaminant Quantity:

Incident Summary: OMHEU TRUCK-100 L GASOLINE SPILLED TO CATCHBASIN AND ROAD  
 Incident Cause: OTHER CONTAINER LEAK  
 Incident Reason: UNKNOWN  
 Nature of Impact:  
 Receiving Medium: LAND  
 Environmental Impact:

**Site:** Ottawa Hydro <UNOFFICIAL>  
 ON BELL ST. E. OF WESTRIDGE DR. ACROSS FROM LOT 173 IN STITTSVILLE <UNOFFICIAL> Ottawa ON  
**Database:** SPL

Ref No.: 2302-63TUK4  
 Incident Dt: 8/13/2004  
 MOE Reported Dt: 8/13/2004  
 Contaminant Name: TRANSFORMER OIL (N.O.S.)  
 Contaminant Quantity: 150 L  
 Incident Summary: Ottawa Hydro - 150 L of oil to ground.  
 Incident Cause: Cooling System Leak  
 Incident Reason: Damage By Moving Equipment - Containers damaged by moving  
 Nature of Impact: Soil Contamination  
 Receiving Medium: Land  
 Environmental Impact:

**Site:** ON  
**Database:** WWIS

Well ID:	1518217	Lot:	001
Concession:		Concession Name:	
County:	OTTAWA-CARLETON	Municipality:	OTTAWA CITY
Easting Nad83:		Northing Nad83:	
Zone:	18	Utm Reliability:	unknown UTM
Primary Water Use:	Domestic	Construction Date:	21-MAR-83
Sec. Water Use:	Livestock	Well Depth:	167 ft
Pump Rate:	20 GPM	Static Water Level:	25 ft
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	Water Supply
Construction Method:	Cable Tool	Flowing (y/n):	N
Elevation (m):		Elevation Reliability:	
Depth to Bedrock:	52	Overburden/Bedrock:	Bedrock
Water Type:	FRESH, Not stated	Casing Material:	MINERIAL
--- Details ---			
Thickness:	15 ft	Original Depth:	15 ft
Material Colour:	GREY	Material:	CLAY
+			
Thickness:	20 ft	Original Depth:	35 ft
Material Colour:	GREY	Material:	CLAY, BOULDERS, HARDPAN
+			
Thickness:	17 ft	Original Depth:	52 ft
Material Colour:	GREY	Material:	BOULDERS, HARDPAN
+			
Thickness:	115 ft	Original Depth:	167 ft

Material Colour: GREY

Material: LIMESTONE

## Appendix: Database Descriptions

Ecolog Environmental Risk Information Services Ltd 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 Ecolog 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 all 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-Jan 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 all 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: 1948-2014*

**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-Sep 2015*



**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 MNM. 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: Oct 31 2011-Oct 2015*

**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-Sep 2015*

**Environmental Compliance Approval:**

Provincial [ECA](#)

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

*Government Publication Date: Oct 31, 2011-Jun 2015*

**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 2014*

**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 all 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-Jul 2015*

**Fisheries & Oceans Fuel Tanks:**

Federal FOFT

Fisheries & Oceans Canada maintains an inventory of all 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 2014*

**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*

**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 all 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 2009-2014*

**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: 1994-2012*

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

Federal [NDFT](#)

The Department of National Defence 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 Defence & Canadian Forces Spills:**

Federal NDSP

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

*Government Publication Date: 1988-2008\**

**National Pollutant Release Inventory:**

Federal NPRI

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

*Government Publication Date: 1993-2013*

**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-Sep 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.



**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-Sep 2015

**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 all 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: June 2009-2014

**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-Sep 2015

**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-Sep 2015*

**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-Feb 2014*

**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: 1990-2011*

**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.



**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 2014

**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: 1970-Jun 2015

**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.

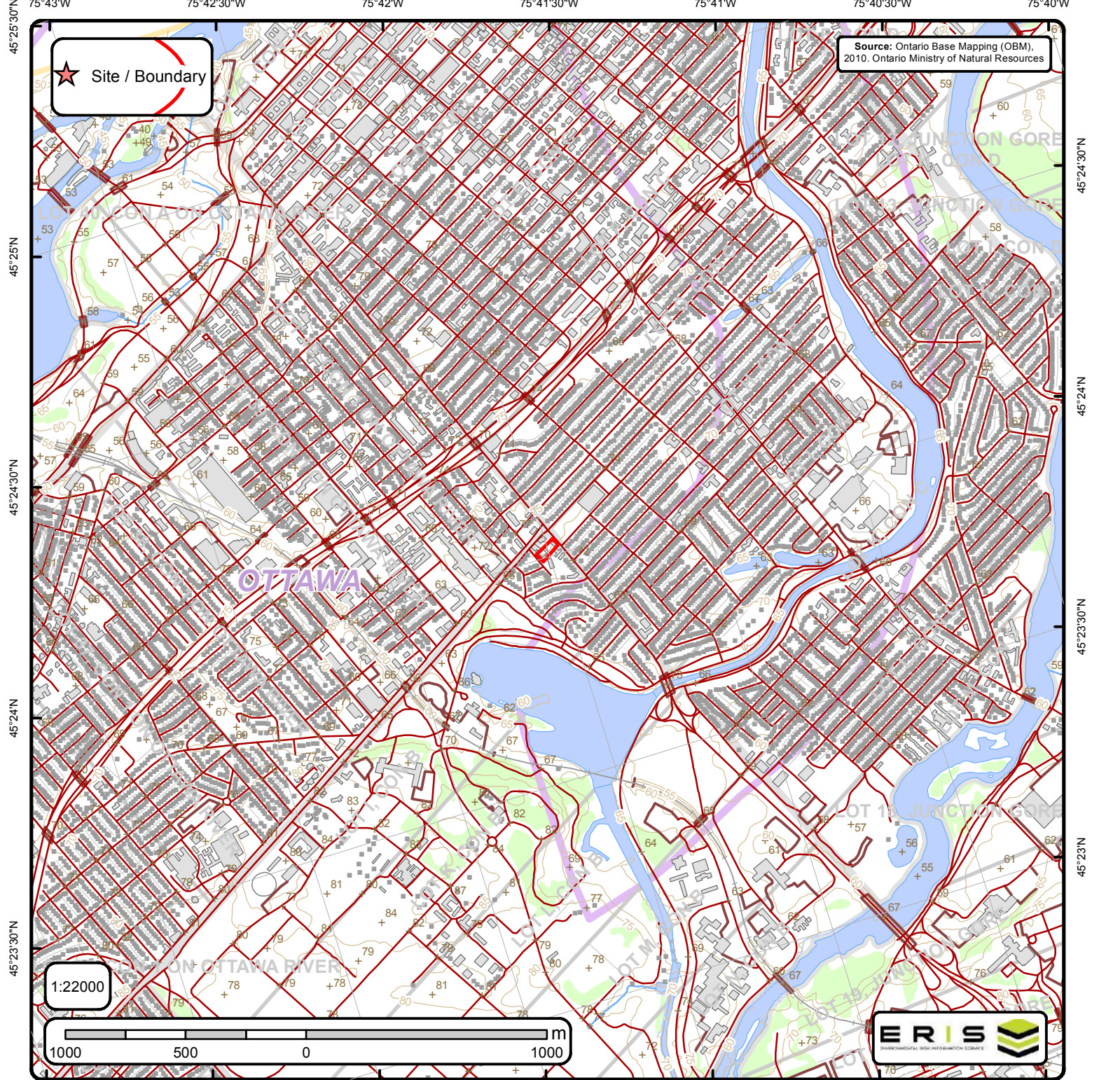
'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'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 were included as reference.

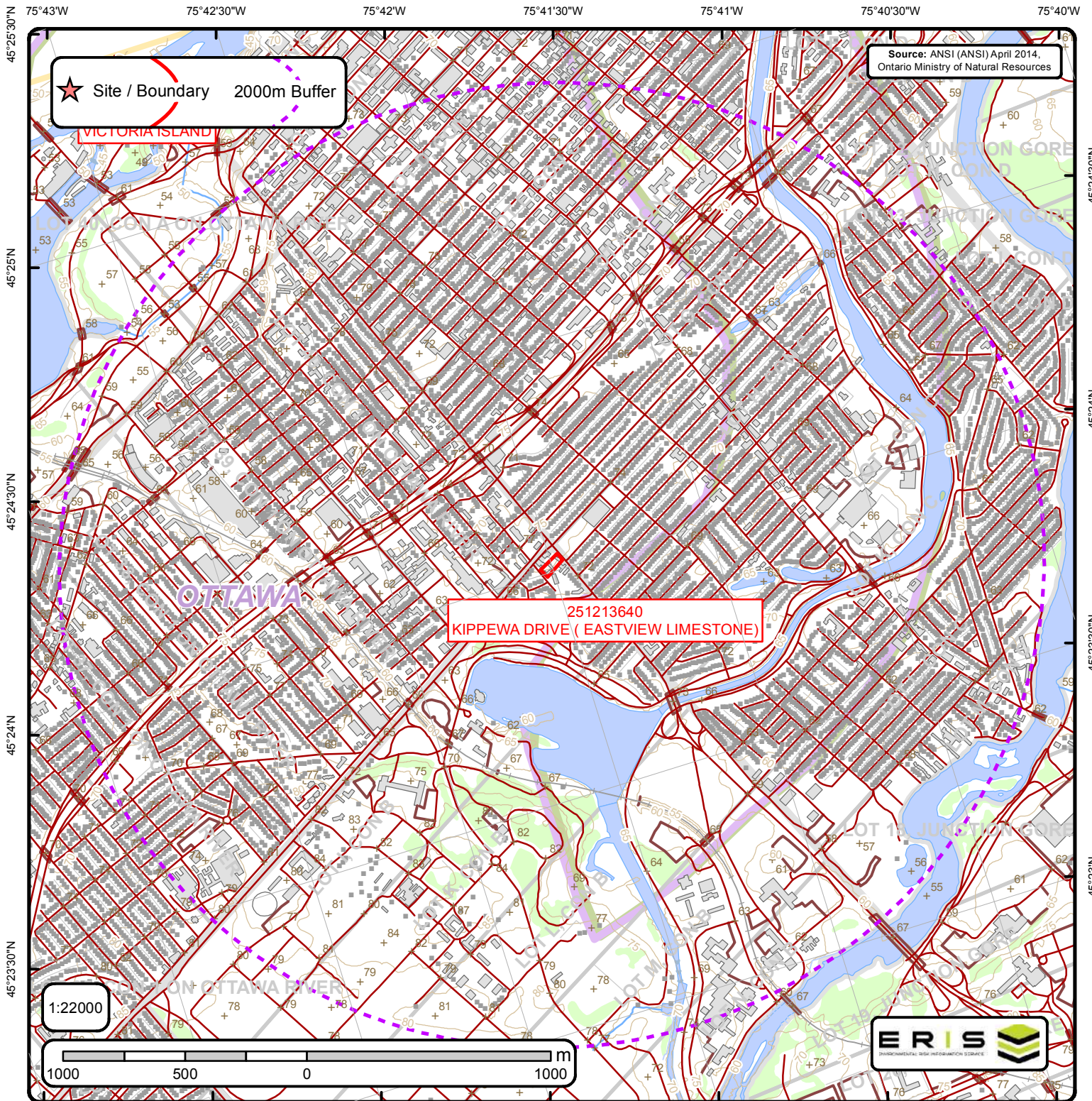


## Ontario Base Mapping (OBM) Data

Order No. 20151124079

+ 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	





## Area of Natural & Scientific Interest (ANSI) Order No. 20151124079

+	Spot Height	—	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	■	ANSI Area



# ANSI Report

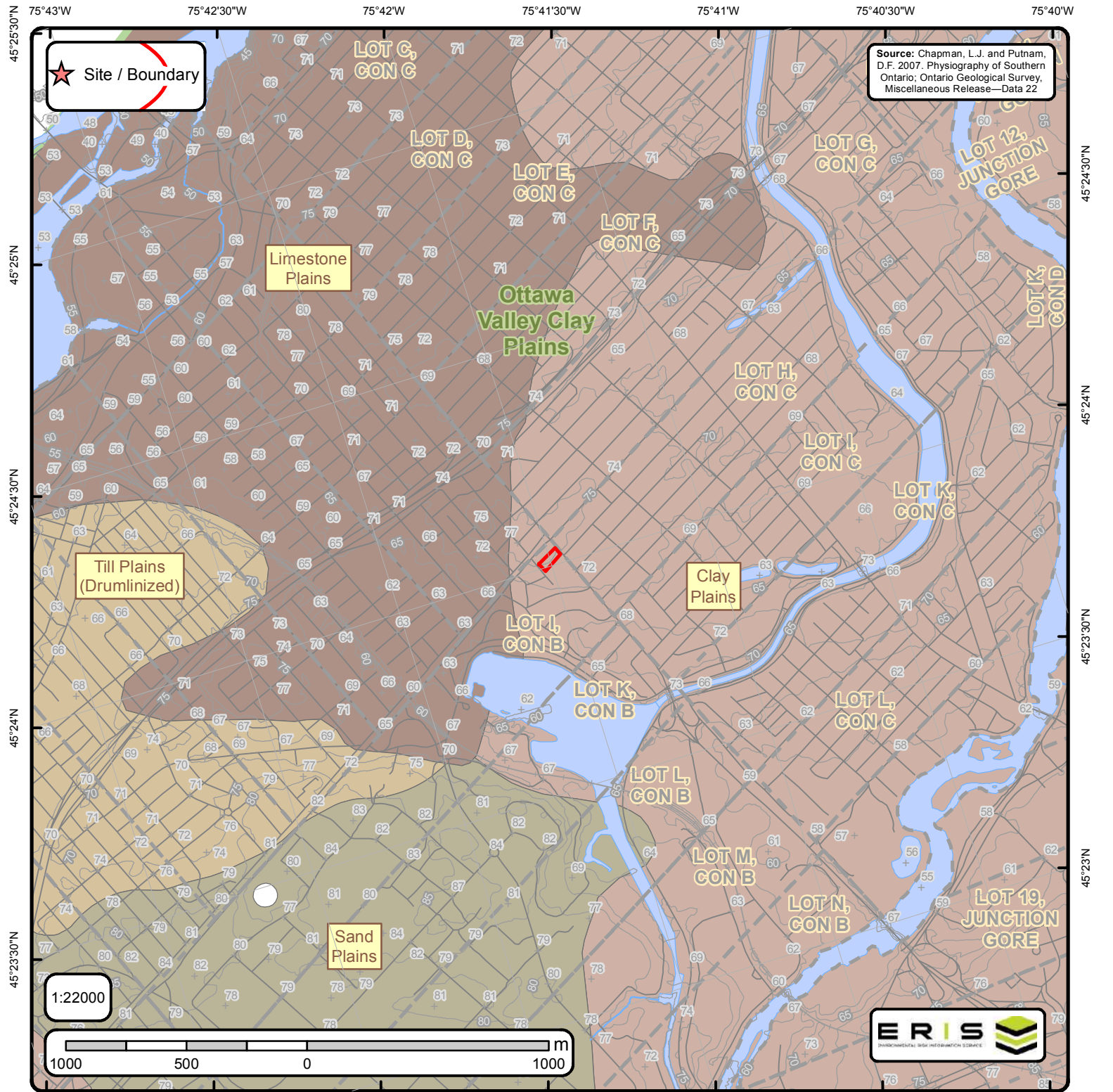
ANSI Units Found within 2000 m of  
774 Bronson Ave, Ottawa, ON, K1S4G4

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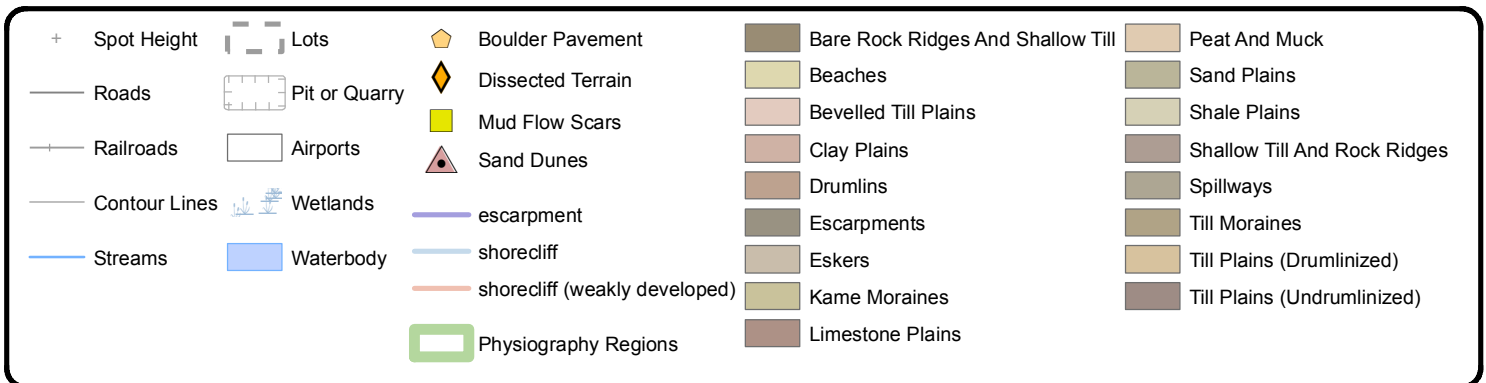
**ANSI Name:** KIPPEWA DRIVE ( EASTVIEW LIMESTONE) |  
**ID:** 251213640 | **Type:** ANSI, Earth Science | **Significance:** Provincial | **Management Plan:** No | **Area (sqm):** 1234.663 | **Comments:**

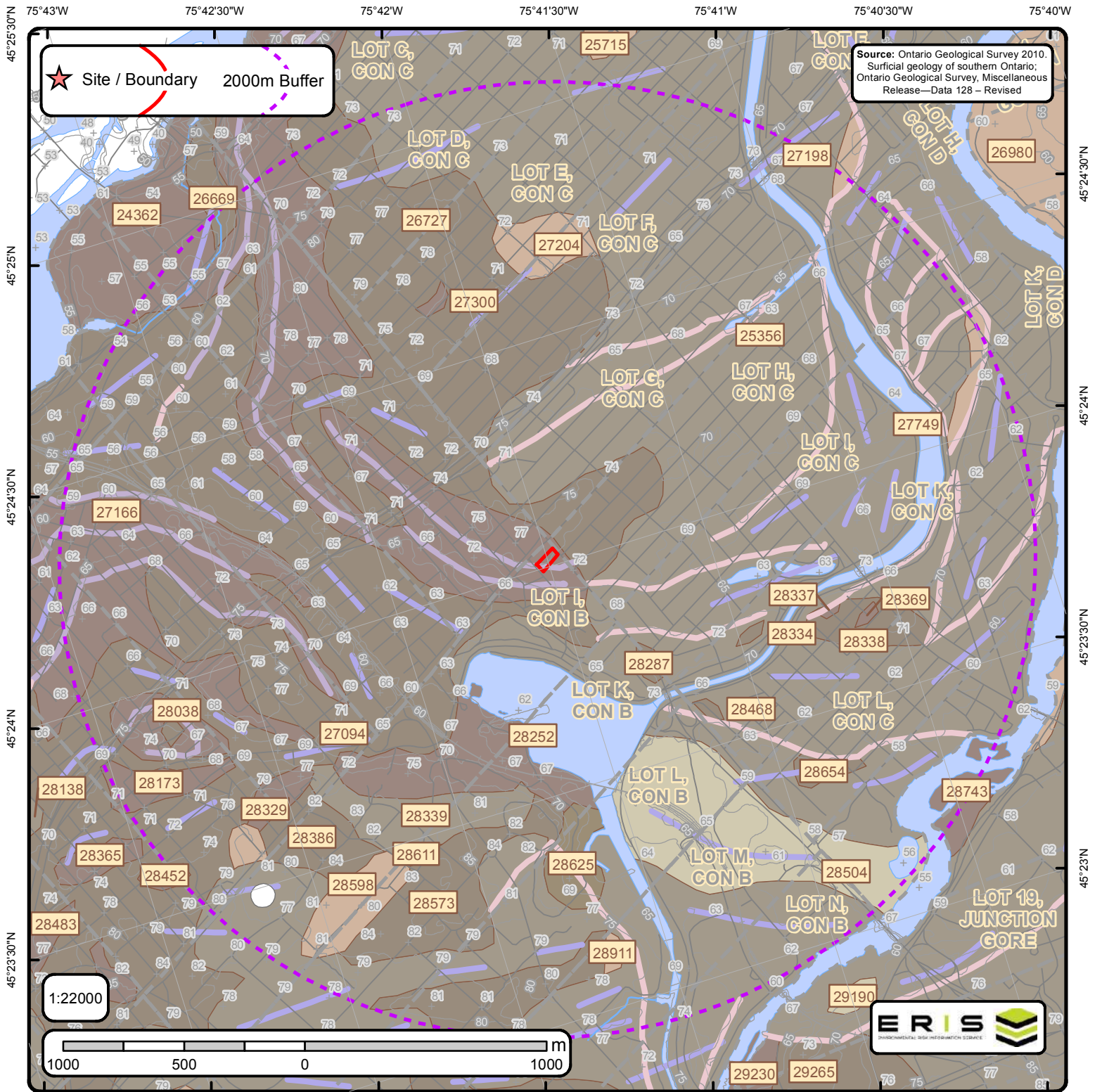




# Physiography of Southern Ontario

Order No. 20151124079





# The Surficial Geology of Southern Ontario Order No. 20151124079

+ Spot Height	Streams	Dune	Beach	Esker	karst	pitsg
Waterbody	Contour Lines	Lake	Bluff	Esker ND	linfeat	popup
Wetlands	Roads	Rib	Crest	Fluvial DL	megarip	ribl
Airports	Railroads	Scab	End	iceberg	mfluvdl	slidsl
Pit or Quarry	Morains	Slide	Escarpment	icslope	moraine	terrace
Lots		NOF Dune				





# Surface Geology Report

Surface Geology units found within 2000 m of  
774 Bronson Ave, Ottawa, ON, K1S4G4

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Order ID:  
20151124079



**ID:** 24362 | **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:** 25356 | **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:** 26669 | **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:** 26727 | **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:** 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



# Surface Geology Report

Surface Geology units found within 2000 m of  
774 Bronson Ave, Ottawa, ON, K1S4G4

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**ID:** 27166 | **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:** 27198 | **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:** 27204 | **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:** 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:** 27300 | **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.



# Surface Geology Report

Surface Geology units found within 2000 m of  
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**ID:** 27749 | **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:** 28038 | **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:** 28128 | **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:** 28173 | **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:** 28252 | **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.



# Surface Geology Report

Surface Geology units found within 2000 m of  
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**ID: 28287 | 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: 28329 | 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: 28334 | 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: 28337 | 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: 28338 | 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



# Surface Geology Report

Surface Geology units found within 2000 m of  
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**ID:** 28339 | **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:** 28369 | **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:** 28386 | **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:** 28428 | **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:** 28452 | **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.





# Surface Geology Report

Surface Geology units found within 2000 m of  
774 Bronson Ave, Ottawa, ON, K1S4G4

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Order ID:  
20151124079



**ID: 28468 | 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: 28504 | 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: 28573 | 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: 28598 | 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: 28611 | 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.





# Surface Geology Report

Surface Geology units found within 2000 m of  
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**ID:** 28625 | **Unit Name:** Landslide |  
**Deposit Type Code:** I | **Deposit Age:** Recent | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** clay | **Secondary Material:** sand | **Primary General:** colluvial | **Primary General Modifier:** landslide | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Landslide area showing location of headscarp and general trend of slump ridges. Ridges generally consist of clay with overlying or admixed sand.

**ID:** 28654 | **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:** 28743 | **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:** 28911 | **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).

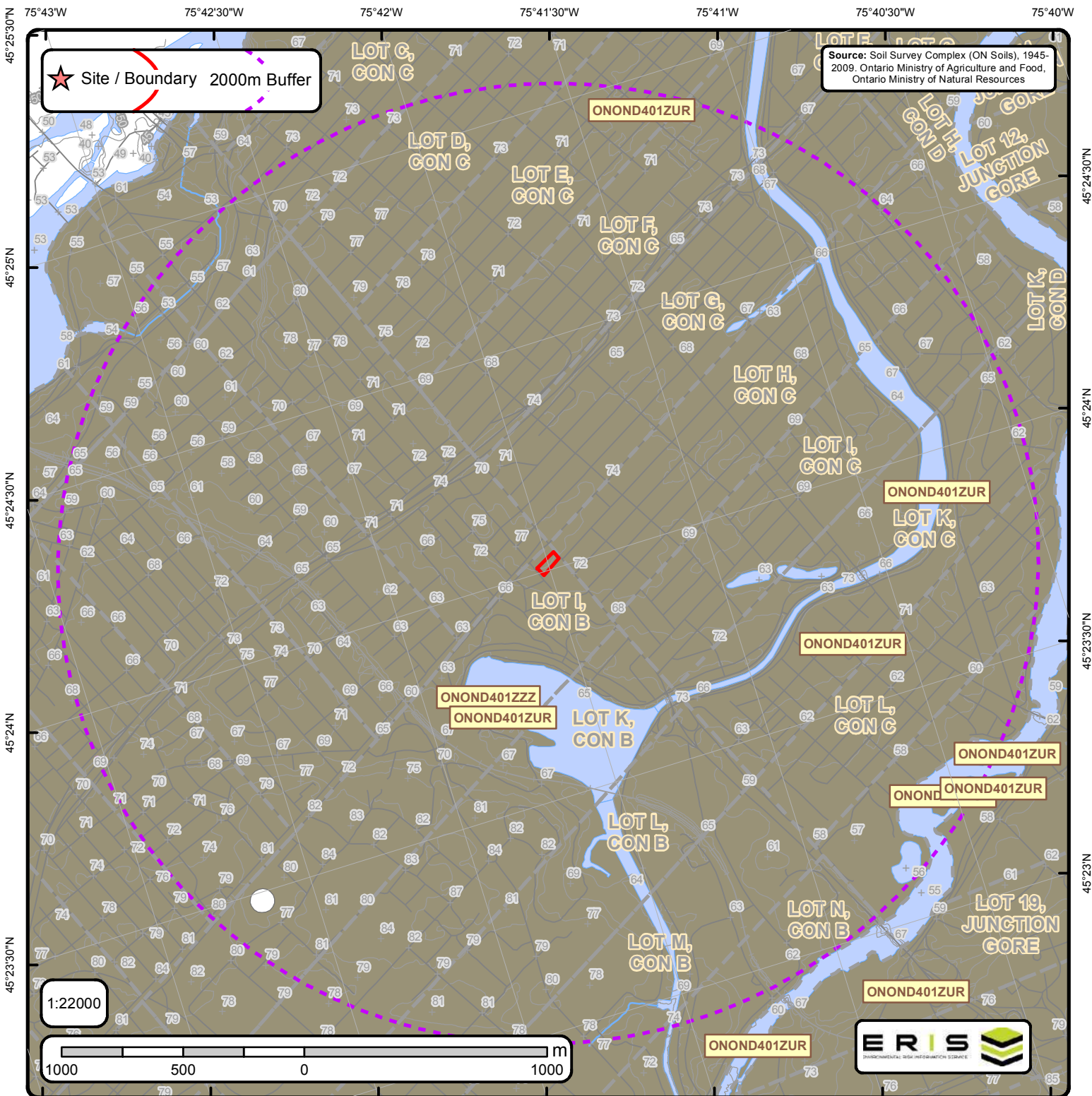
**Provenance** - This attribute provides the user with information regarding the provenance of a particular till unit (i.e. direction or lobe from which the till is derived).

**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.

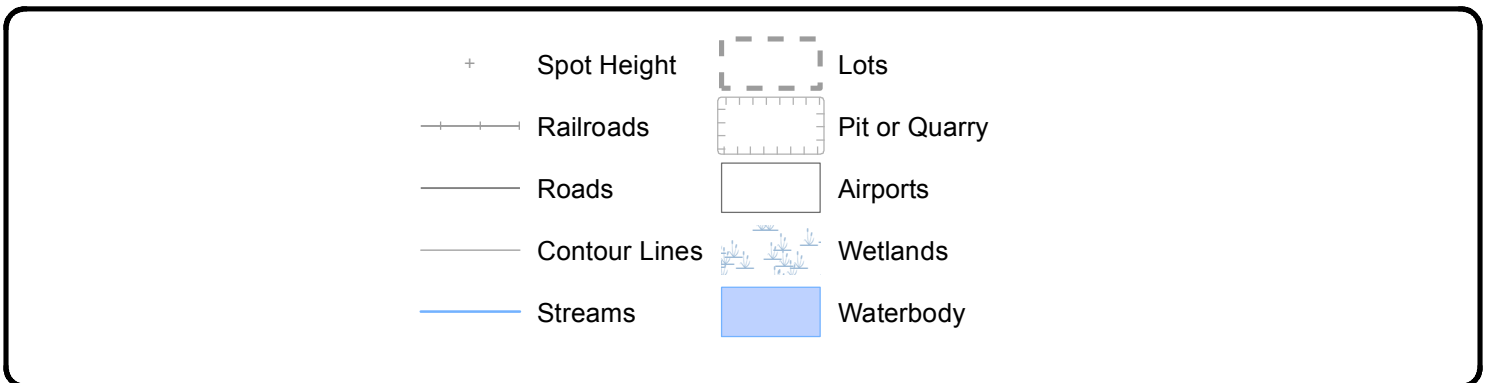
**Permeability** - This attribute provides the user with basic information about permeability of the sediments in a ranking of high, medium and low.

**Material Description** - Material or sediment description, e.g., 'sand and silty fine sand', 'silty sand and gravel' and 'silty till with low stone content'.



# Soil Survey Complex (ON Soils)

Order No. 20151124079





# Soils Report

Soil Map Units Found within 2000 m of  
774 Bronson Ave, Ottawa, ON, K1S4G4

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Order ID:  
20151124079



**Map Unit: ONOND401ZUR Soil Complex: 1 of 1 Area (sq m): 85821000.0**

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: \_\_\_

**Map Unit: ONOND401ZZZ Soil Complex: 1 of 1 Area (sq m): 12309600.0**

Soil Type: ONZZZ\_\_\_ | Percent: 100 | Code: ZZZ | Name: WATER | Symbol: ZZZ | Parent Material: | Landscape: | Slope: -9.000000 | Class: | Range: | Stoniness: | CLI: W | CLI1: | CLI2: | Survey: OTTAWA CARLETON | Drainage: WA | Hydro: | Texture: | Modifier: \_\_\_

**Map Unit: ONOND401ZUR Soil Complex: 1 of 1 Area (sq m): 8233170.0**

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: \_\_\_

**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: \_\_\_

**Map Unit: ONOND401ZUR Soil Complex: 1 of 1 Area (sq m): 673.375976562**

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: \_\_\_

**Map Unit: ONOND401ZUR Soil Complex: 1 of 1 Area (sq m): 307.428009033**

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: \_\_\_

**Map Unit: ONOND401ZUR Soil Complex: 1 of 1 Area (sq m): 9548.03027344**

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: \_\_\_

**Map Unit: ONOND401ZUR Soil Complex: 1 of 1 Area (sq m): 20706.6992188**

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	Description
-	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	Description
-	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	Description
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.

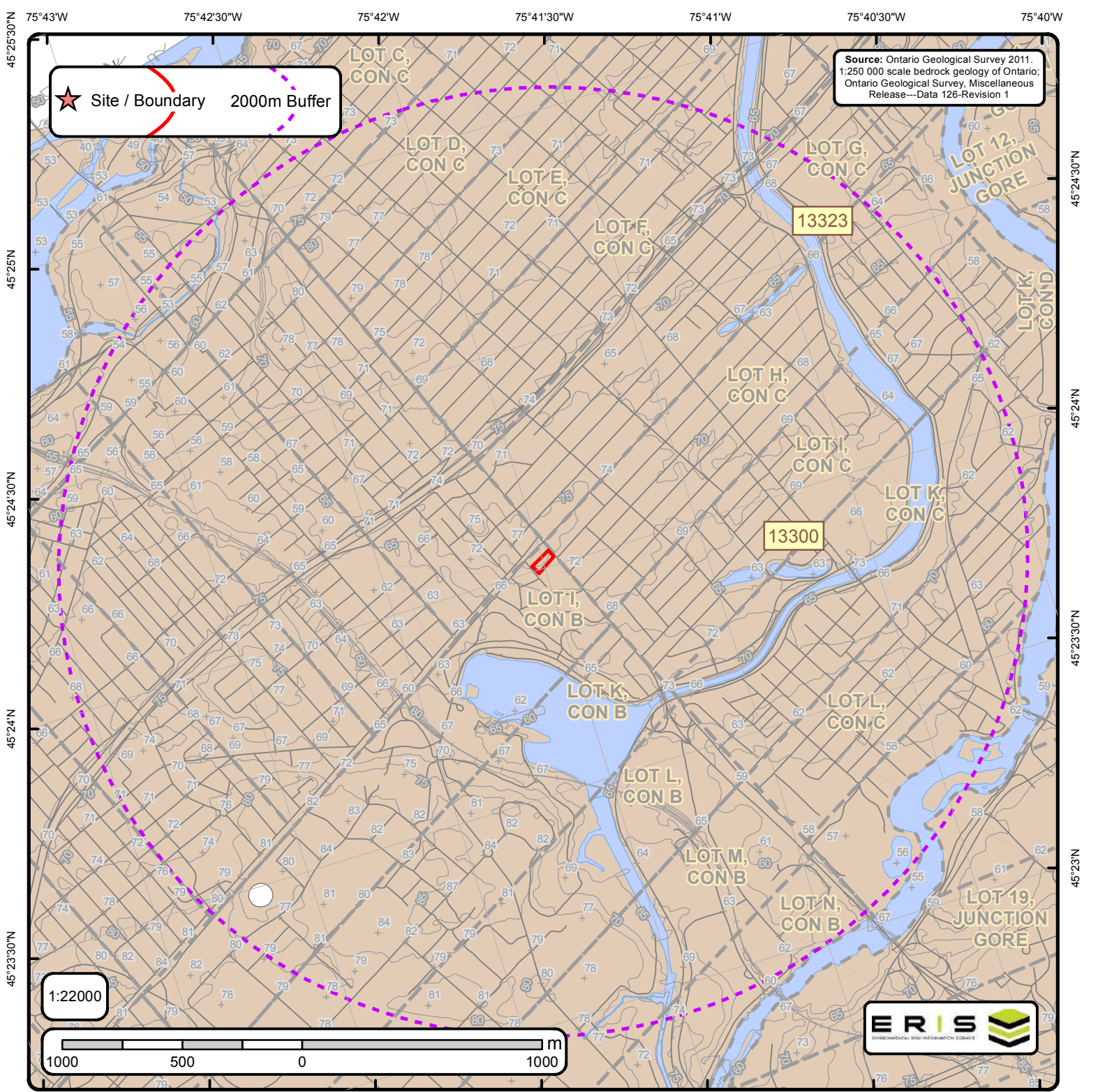
**CLI1 and CLI2** - First and Second CLI (Canada Land Inventory) Limitation Subclass

- 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.





# Bedrock Geology of Ontario

Order No. 20151124079

Bedrock Geology Lines		Dikes		C Lines	
+ Spot Height	CONTACT, GEOPHYSICAL, TREND, INTERPRETED	Abitibi mafic dike	Marathon, Kapuskasing or Biscotasing mafic dike	FOLD, ANTICLINE, INTERPRETED, UNKNOWN GENERATION	Kimberlite
— Roads	CONTACT, SHARP, TREND, INTERPRETED	Biscotasing mafic dike	Matachewan mafic dike	FOLD, ANTICLINE, OBSERVED, UNKNOWN GENERATION	
— Contour Lines	CONTACT, SHARP, TREND, OBSERVED	Empey Lake mafic dike	Mine Centre mafic dike	FOLD, ANTICLINE, SYNFORMAL, INTERPRETED, SECOND GENERATION	
— Streams	FAULT, DEXTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION	Felsic to intermediate intrusive rocks	Molson mafic dike	FOLD, ANTIFORM, INTERPRETED, UNKNOWN GENERATION	
— Railroads	FAULT, PROJECTED FAULT, INTERPRETED, UNKNOWN GENERATION	Fort Frances mafic dike	North Channel mafic dike	FOLD, SYNCLINE, INTERPRETED, UNKNOWN GENERATION	
— Lots	FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION	Frontenac mafic dike	Pickle Crow mafic dike (Molson swarm) normal	FOLD, SYNCLINE, OBSERVED, UNKNOWN GENERATION	
— Pit or Quarry	FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION	Grenville mafic dike	Pickle Crow mafic dike (Molson swarm) reverse	FOLD, SYNFORM, INTERPRETED, UNKNOWN GENERATION	
— Airports	FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, INTERPRETED, UNKNOWN GENERATION	Logan and Nipigon mafic sills	Rideau mafic dike	FOLD, SYNFORM, OBSERVED, UNKNOWN GENERATION	
— Waterbody	FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, OBSERVED, UNKNOWN GENERATION	Mackenzie mafic dike	Sudbury mafic dike	FOLD, SYNFORM, INTERPRETED, UNKNOWN GENERATION	
— Wetlands	FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION	Mafic dikes of uncertain age	Unsubdivided mafic dike		
	FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION	Mafic sills and dikes	Unsubdivided mafic dike (Keweenaw age)		
	NEATLINE	Marathon mafic dike	unknown		
	ONTARIO BORDER				
	Marble, chert, iron formation, minor metavolcanic rocks				





# Bedrock Geology Report

Bedrock Geology units found within 2000 m of  
774 Bronson Ave, Ottawa, ON, K1S4G4

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Order ID:  
20151124079



**ID: 13323 | Unit Name: |**

**Type (All):** 55b | **Type (Primary):** 55b | **Type (Secondary):** | **Type (Tertiary):** | **Rock Type (Primary):** Shale, limestone, dolostone, siltstone | **Stratus (Primary):** Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Member; Eastview Member | **Super Eon (Primary):** | **Eon (Primary):** PHANEROZOIC (Present to 542.0 Ma) | **Era (Primary):** PALEOZOIC (251.0 Ma to 542.0 Ma) | **Period (Primary):** ORDOVICIAN (443.7 Ma to 488.3 Ma) | **Epoch (Primary):** UPPER ORDOVICIAN | **Province (Primary):**

**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:

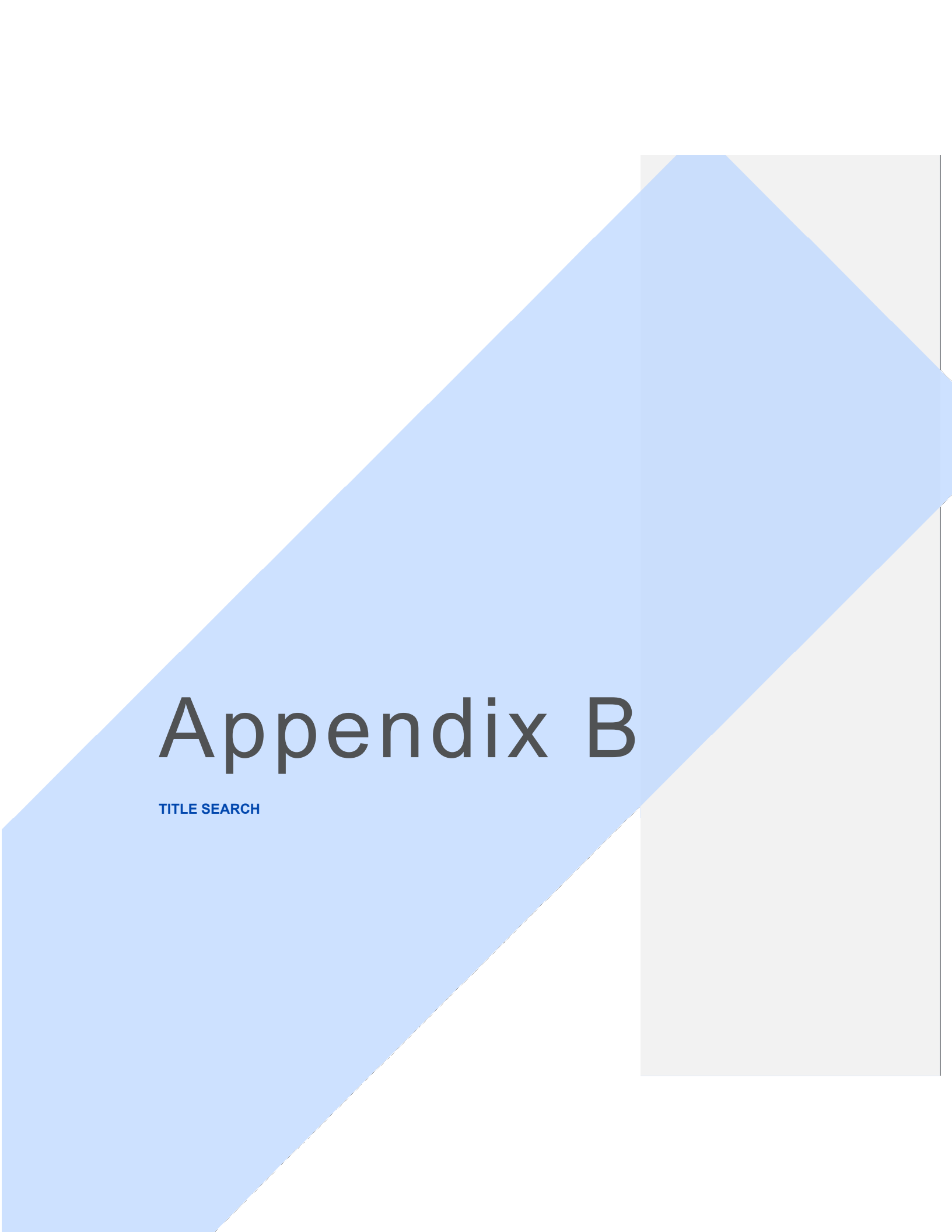
CAMBRIAN (488.3 Ma to 542.0 Ma)  
ORDOVICIAN (443.7 Ma to 488.3 Ma)  
SILURIAN (416.0 Ma to 443.7 Ma)  
DEVONIAN (359.2 Ma to 416.0 Ma)  
MISSISSIPPIAN TO DEVONIAN (318.1 Ma to 416.0 Ma)  
JURASSIC (145.5 Ma to 199.6 Ma)  
CRETACEOUS AND JURASSIC (65.5 Ma to 199.6 Ma)

**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

The graphic features a large, light blue diagonal shape on the left side of the page. On the right side, there is a vertical grey rectangle. The text 'Appendix B' is centered horizontally across the middle of the page, overlapping both the blue shape and the grey rectangle. Below it, the text 'TITLE SEARCH' is centered horizontally and positioned within the blue shape.

# Appendix B

TITLE SEARCH

CHAIN OF TITLE REPORT

Project #: 20151124079  
 Address: 774 Bronson Ave., Ottawa  
 Legal Description: lots 3 & 4, Plan 28  
 \_\_\_\_\_  
 PIN #: 04103-0125(LT)

Searched at: Ottawa  
 LRO #: 4

Page 1

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (lot 3, Plan 28)	20 05 1801	Crown	C. WALLESER
RO428	Deed	15 08 1831	C. Walleser - estate	R.D. FRASER
25534	Deed	21 09 1865	Mary Fraser, exor. Of the estate of R.D. Fraser	James DESNOYES
1715	Deed	24 12 1872	James Desnoyes	John KEEFER
1721	Deed	27 12 1872	John Keefer	Michael DOAN
31141	Deed	27 09 1889	Michael Doan	Euphanie CRAIG
32386	Deed	21 04 1890	Euphanie Craig	William O'BAIN
33016	Deed	19 07 1890	William O'Bain	Euphanie CRAIG
34430	Deed	28 03 1891	Euphanie Craig	William HOGG

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 20151124079  
 Address: 774 Bronson Ave., Ottawa  
 Legal Description: lots 3 & 4, Plan 28

Searched at: Ottawa  
 LRO #: 4

Page 2

PIN #: 04103-0125(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
41015	Deed	14 03 1894	William Hogg	John O'HARA
56606	Deed	23 02 1900	John O'Hara	Michael HUNTER
9535	Deed	19 03 1910	Michael Hunter	Sidney WEBB
101287	Deed	30 12 1910	Sidney Webb	George PENNOCK
109128	Deed	03 01 1912	George Pennock	Angus MUIR
115149	Deed	17 09 1912	Angus Muir	Louisa LOGAN
55360	Deed	30 10 1945	Louisa Dowsley (Logan)	Lavina FINDLAY
472799	Deed	17 02 1964	Lavina Findlay	Madawaska Farms Limited

Cont'd on page 3

CHAIN OF TITLE REPORT

Project #: 20151124079  
Address: 774 Bronson Ave., Ottawa  
Legal Description: lots 3 & 4, Plan 28

Searched at: Ottawa  
LRO #: 4

Page 3

PIN #: 04103-0125(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
CR653150	Deed	16 05 1974	Madawaska Farms Limited	Cambridge Group Investments Ltd.
OC1376156	Deed (Present Owner)	22 06 2012	Crainplan Limited (formerly Cambridge Group Investments Ltd.)	Samcon Cambridge Inc.



**CHAIN OF TITLE REPORT**

**Project #:** 20151124079  
**Address:** 774 Bronson Ave., Ottawa  
**Legal Description:** lots 3 & 4, Plan 28

**Searched at:** Ottawa  
**LRO #:** 4

**Page 1**

**PIN #:** 04103-0125(LT)

<b>INSTR #</b>	<b>DOC. TYPE</b>	<b>REG. DATE</b>	<b>PARTY FROM</b>	<b>PARTY TO</b>
	Patent (lot 4, Plan 28)	20 05 1801	Crown	C. WALLESER
RO428	Deed	15 08 1831	C. Walleser - estate	R.D. FRASER
25534	Deed	21 09 1865	Mary Fraser, exor. Of the estate of R.D. Fraser	James DESNOYES
1047	Deed	13 11 1871	James Desnoyes	John KEEFER
1605	Deed	19 10 1872	John Keefer	Michael DOAN
31145	Deed	27 09 1889	Michael Doan	Patrick SHUHAN
96896	Deed	14 05 1910	Patrick Shuhan	George PENNOCK
99635	Deed	07 10 1910	George Pennock	Murdock BEATON
101909	Deed	02 02 1911	Murdock Beaton	George LITTLE

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 20151124079  
 Address: 774 Bronson Ave., Ottawa  
 Legal Description: lots 3 & 4, Plan 28

Searched at: Ottawa  
 LRO #: 4

Page 2

PIN #: 04103-0125(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
145158	Deed	31 03 1919	George Little	Alexander MACKAY
173132	Deed	05 03 1924	Alexander Mackay	Shaw Bread Company Limited
177988	Deed	13 11 1925	Shaw Bread Company Limited	Canada Bread Company Limited
199723	Deed	20 03 1930	Canada Bread Company Limited	Ottawa Upholstered Furniture Ltd.
199724	Mortgage	20 03 1930	Ottawa Upholstered Furniture Ltd.	Canada Bread Company Limited (Mortgagee)
218989	Deed	01 09 1936	Canada Bread Company Limited (Ottawa Upholstered Furniture Ltd defaulted in mtg 199724)	Ambassador Realty Inc.
NS3863	Deed	01 02 1978	Ambassador Realty Inc.	The Professional Institute of The Public Service of Canada
N151643	Deed	08 12 1989	The Professional Institute of the Public Service of Canada	Crainplan Limited
OC1376156	Deed (Present Owner)	22 06 2012	Crainplan Limited	Samcon Cambridge Inc.

LAND  
 REGISTRY  
 OFFICE #4

04103-0125 (LT)

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

PROPERTY DESCRIPTION: LTS 3 & 4, PL 28; OTTAWA/NEPEAN

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE  
 LT CONVERSION QUALIFIED

RECENTLY:

FIRST CONVERSION FROM BOOK 40

PIN CREATION DATE:

1996/10/21

OWNERS' NAMES

SAMCON CAMBRIDGE INC.

CAPACITY SHARE

ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/10/21 ON THIS PIN** **WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/10/21** ** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE: 1996/10/18 ** **SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO: ** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES * ** AND ESCHEATS OR FORFEITURE TO THE CROWN. ** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF ** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY ** CONVENTION. ** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES. **DATE OF CONVERSION TO LAND TITLES: 1996/10/21 **						
CR412018	1960/09/21	LEASE		*** COMPLETELY DELETED ***	SAIKALEY, KAREEM	
CR653150	1974/05/16	TRANSFER	\$90,000		CAMBRIDGE GROUP INVESTMENTS LTD.	C
NS263958	1984/11/01	CHARGE		*** COMPLETELY DELETED ***	CANADA TRUSTCO MORTGAGE COMPANY	
N314793	1985/11/21	AGR AM CH		*** COMPLETELY DELETED ***		
		REMARKS: NS263958				
N515643	1989/12/08	TRANSFER		*** COMPLETELY DELETED ***	CRAINPLAN LIMITED	

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

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

LAND  
 REGISTRY  
 OFFICE #4

04103-0125 (LT)

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
N515645	1989/12/08	CHARGE		*** COMPLETELY DELETED ***	CANADA TRUSTCO MORTGAGE COMPANY	
N515646	1989/12/08	ASSIGNMENT GENERAL		*** COMPLETELY DELETED ***		
		REMARKS: RENTS, N515645				
N562141	1991/01/03	AGREEMENT				C
N587715	1991/08/23	NOTICE		*** COMPLETELY DELETED ***		
N648396	1993/01/20	AGREEMENT		*** COMPLETELY DELETED ***		
		REMARKS: N515645				
LT1006552	1996/10/23	CHARGE		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	NATIONAL BANK OF CANADA	
LT1006553	1996/10/23	NOTICE		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	NATIONAL BANK OF CANADA	
		REMARKS: LT1006552				
LT1114448	1998/04/07	TRANSFER EASEMENT		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	CANADA TRUSTCO MORTGAGE COMPANY	
LT1114449	1998/04/07	CHARGE		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	NATIONAL BANK OF CANADA	
		REMARKS: LOT 3				
LT1116131	1998/04/21	DISCH OF CHARGE		*** COMPLETELY DELETED *** NATIONAL BANK OF CANADA		
		REMARKS: RE: LT1006552				
LT1128013	1998/06/19	DISCH OF CHARGE		*** COMPLETELY DELETED *** CANADA TRUSTCO MORTGAGE COMPANY		
		REMARKS: RE: NS263958				
LT1163859	1998/11/17	NOTICE		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	CANADA TRUSTCO MORTGAGE COMPANY	
		REMARKS: RE: N515645				

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LAND  
 REGISTRY  
 OFFICE #4

04103-0125 (LT)

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
LT1213689	1999/07/23	APL (GENERAL) REMARKS: DELETE CR412018, N578715		*** COMPLETELY DELETED *** CRAINPLAN LIMITED		
LT1217942	1999/08/05	CHARGE		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	HSBC BANK CANADA	
LT1217943	1999/08/05	NOTICE REMARKS: LT1217942 - RENTS		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	HSBC BANK CANADA	
LT1246155	1999/11/23	DISCH OF CHARGE REMARKS: RE: N515645		*** COMPLETELY DELETED *** CANADA TRUSTCO MORTGAGE COMPANY		
LT1255544	1999/12/30	APL (GENERAL) REMARKS: RELEASE AND ABANDONMENT OF LT1114448		*** COMPLETELY DELETED *** CANADA TRUSTCO MORTGAGE COMPANY		
OC457511	2005/04/29	CHARGE		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	ALTERNA SAVINGS AND CREDIT UNION, LIMITED	
OC457512	2005/04/29	NO ASSGN RENT GEN REMARKS: OC457511		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	ALTERNA SAVINGS AND CREDIT UNION, LIMITED	
OC466900	2005/05/27	DISCH OF CHARGE REMARKS: RE: LT1217942		*** COMPLETELY DELETED *** HSBC BANK CANADA		
OC1375423	2012/06/21	APL (GENERAL) REMARKS: DELETING S/T & T/W N515644		*** COMPLETELY DELETED *** CRAINPLAN LIMITED		
OC1376156	2012/06/22	TRANSFER REMARKS: PLANNING ACT STATEMENTS	\$5,095,000	CRAINPLAN LIMITED	SAMCON CAMBRIDGE INC.	C
OC1376163	2012/06/22	CHARGE	\$3,600,000	SAMCON CAMBRIDGE INC.	BANK OF MONTREAL	C
OC1376164	2012/06/22	NO ASSGN RENT GEN REMARKS: OC1376163.		SAMCON CAMBRIDGE INC.	BANK OF MONTREAL	C

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LAND  
 REGISTRY  
 OFFICE #4

04103-0125 (LT)

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
OC1387050	2012/07/18	DISCH OF CHARGE		*** COMPLETELY DELETED *** ALTERNA SAVINGS AND CREDIT UNION, LIMITED		
		REMARKS: OC457511.				
OC1393238	2012/08/01	DISCH OF CHARGE		*** COMPLETELY DELETED *** NATIONAL BANK OF CANADA		
		REMARKS: LT1114449.				
OC1468584	2013/04/17	NOTICE	\$1	CITY OF OTTAWA	SAMCON CAMBRIDGE INC.	C
OC1521804	2013/09/24	CHARGE		*** COMPLETELY DELETED *** SAMCON CAMBRIDGE INC.	TRISURA GUARANTEE INSURANCE COMPANY	
4R27771	2014/03/11	PLAN REFERENCE				C
OC1720297	2015/09/09	DISCH OF CHARGE		*** COMPLETELY DELETED *** TRISURA GUARANTEE INSURANCE COMPANY		
		REMARKS: OC1521804.				

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

**LEGEND**

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

**THIS IS NOT A PLAN OF SURVEY**

**NOTES**

- REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS
- THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY
- FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS
- ONLY MAJOR EASEMENTS ARE SHOWN
- REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



CHAIN OF TITLE REPORT

Project #: 20151124079  
 Address: 557 Cambridge Street S., Ottawa  
 Legal: lot 37, Part lot 38 Plan 28  
 Description: desig. As Part 4, 5R14360

Searched at: Ottawa  
 LRO #: 4

Page 1

PIN #: 04103-0215(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	20 05 1801	Crown	C. WALLESER
RO428	Deed	15 08 1831	C. Walleser - estate	R.D. FRASER
25534	Deed	21 09 1865	Mary Fraser, exor. Of the estate of R.D. Fraser	James DESNOYES
1047	Deed	13 11 1871	James Desnoyes	John KEEFER
1605	Deed	19 10 1872	John Keefer	Michael DOLAN
33757	Deed	24 11 1890	Michael Dolan	Edward VALLINS
36785	Deed	14 04 1892	Edward Vallins	Marie DESFORGES
41307	Deed	21 04 1894	Marie Desforges	Michael DOLAN
41308	Deed	21 04 1894	Michael Dolan	Alfred LEFEBVRE

Cont'd on page 2

CHAIN OF TITLE REPORT

Project #: 20151124079  
 Address: 557 Cambridge Street S., Ottawa  
 Legal lot 37, Part lot 38 Plan 28  
 Description: desig. As Part 4, 5R14360

Searched at: Ottawa  
 LRO #: 4

Page 2

PIN #: 04103-0215(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
78767	Deed	18 09 1906	Alfred Lefebvre	Snowden SCOTT
116173	Deed	11 11 1912	Snowden Scott	Edmund STOCKTON
119089	Deed	23 04 1913	Edmund Stockton	Herbert RORKE
238733	Deed	19 06 1942	Herbert Rorke	George CRAIN & Reginald CRAIN
577832	Deed	15 07 1970	George Crain - estate	Edwin CRAIN & Geoffrey CRAiN
584128	Deed	26 11 1970	Edwin Crain & Geoffrey Crain	George Crain & Sons Limited
670996	Deed	27 05 1975	Reginald Crain	George Crain & Sons Limited
N574979	Deed	14 05 1991	Crainplan Ltd. (formerly George Crain & Sons Limited)	Crainplan Limited
OC1376156	Deed (Present Owner)	22 06 2012	Crainplan Limited	Samcon Cambridge Inc.

LAND  
 REGISTRY  
 OFFICE #4

04103-0215 (LT)

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

**PROPERTY DESCRIPTION:** LT 37 & PT LT 38, PL 28, PART 4, 5R14360 ; OTTAWA/NEPEAN

**PROPERTY REMARKS:**

**ESTATE/QUALIFIER:**  
 FEE SIMPLE  
 LT CONVERSION QUALIFIED

**RECENTLY:**  
 FIRST CONVERSION FROM BOOK 40

**PIN CREATION DATE:**  
 1996/10/21

**OWNERS' NAMES**  
 SAMCON CAMBRIDGE INC.

**CAPACITY SHARE**  
 ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/10/21 ON THIS PIN** **WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/10/21** ** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE: 1996/10/18 ** **SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO: ** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES * ** AND ESCHEATS OR FORFEITURE TO THE CROWN. ** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF ** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY ** CONVENTION. ** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES. **DATE OF CONVERSION TO LAND TITLES: 1996/10/21 **						
N314520	1985/11/19	AGREEMENT			THE CORPORATION OF THE CITY OF OTTAWA	C
		REMARKS: SITE PLAN CONTROL				
N515642	1989/12/08	CHARGE		*** COMPLETELY DELETED ***	CANADA TRUSTCO MORTGAGE COMPANY	
N515645	1989/12/08	CHARGE		*** COMPLETELY DELETED ***	CANADA TRUSTCO MORTGAGE COMPANY	
N515646	1989/12/08	ASSIGNMENT GENERAL		*** COMPLETELY DELETED ***		
		REMARKS: RENTS, N515645				
5R14360	1991/04/19	PLAN REFERENCE				C

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LAND  
 REGISTRY  
 OFFICE #4

04103-0215 (LT)

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
N574979	1991/05/14	TRANSFER		*** COMPLETELY DELETED ***	CRAINPLAN LIMITED	
N648396	1993/01/20	AGREEMENT		*** COMPLETELY DELETED ***		
		REMARKS: N515645				
LT1006552	1996/10/23	CHARGE		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	NATIONAL BANK OF CANADA	
LT1006553	1996/10/23	NOTICE		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	NATIONAL BANK OF CANADA	
		REMARKS: LT1006552				
LT1116131	1998/04/21	DISCH OF CHARGE		*** COMPLETELY DELETED *** NATIONAL BANK OF CANADA		
		REMARKS: RE: LT1006552				
LT1163859	1998/11/17	NOTICE		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	CANADA TRUSTCO MORTGAGE COMPANY	
		REMARKS: RE: N515645				
LT1217942	1999/08/05	CHARGE		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	HSBC BANK CANADA	
LT1217943	1999/08/05	NOTICE		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	HSBC BANK CANADA	
		REMARKS: LT1217942 - RENTS				
LT1246155	1999/11/23	DISCH OF CHARGE		*** COMPLETELY DELETED *** CANADA TRUSTCO MORTGAGE COMPANY		
		REMARKS: RE: N515645				
LT1246156	1999/11/23	DISCH OF CHARGE		*** COMPLETELY DELETED *** CANADA TRUSTCO MORTGAGE COMPANY		
		REMARKS: RE: N515642				
OC455154	2005/04/25	LR'S ORDER		*** COMPLETELY DELETED *** LAND REGISTRAR		
		REMARKS: DELETING N515646, N648396 AND LT1163859				
OC457513	2005/04/29	CHARGE		*** COMPLETELY DELETED ***		

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LAND  
 REGISTRY  
 OFFICE #4

04103-0215 (LT)

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
OC457514	2005/04/29	NO ASSGN RENT GEN REMARKS: OC457513		CRAINPLAN LIMITED *** COMPLETELY DELETED *** CRAINPLAN LIMITED	ALTERNA SAVINGS AND CREDIT UNION, LIMITED  ALTERNA SAVINGS AND CREDIT UNION, LIMITED	
OC466900	2005/05/27	DISCH OF CHARGE REMARKS: RE: LT1217942		*** COMPLETELY DELETED *** HSBC BANK CANADA		
OC852236	2008/05/15	CHARGE		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	ALTERNA SAVINGS AND CREDIT UNION LIMITED	
OC852241	2008/05/15	NO SEC INTEREST		*** COMPLETELY DELETED *** ALTERNA SAVINGS AND CREDIT UNION LIMITED		
OC864718	2008/06/19	DISCH OF CHARGE REMARKS: RE: OC457513		*** COMPLETELY DELETED *** ALTERNA SAVINGS AND CREDIT UNION, LIMITED		
OC1095232	2010/04/09	CHARGE		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	ALTERNA SAVINGS AND CREDIT UNION LIMITED	
OC1113263	2010/05/31	DISCH OF CHARGE REMARKS: OC852236.		*** COMPLETELY DELETED *** ALTERNA SAVINGS AND CREDIT UNION LIMITED		
OC1155957	2010/09/02	DISCHARGE INTEREST REMARKS: OC852241.		*** COMPLETELY DELETED *** ALTERNA SAVINGS AND CREDIT UNION LIMITED		
OC1277583	2011/08/31	CHARGE		*** COMPLETELY DELETED *** CRAINPLAN LIMITED	ALTERNA SAVINGS AND CREDIT UNION LIMITED	
OC1277584	2011/08/31	NO SEC INTEREST		*** COMPLETELY DELETED *** ALTERNA SAVINGS AND CREDIT UNION LIMITED		
OC1286900	2011/09/23	DISCH OF CHARGE REMARKS: OC1095232.		*** COMPLETELY DELETED *** ALTERNA SAVINGS AND CREDIT UNION LIMITED		
OC1376156	2012/06/22	TRANSFER	\$5,095,000	CRAINPLAN LIMITED	SAMCON CAMBRIDGE INC.	C

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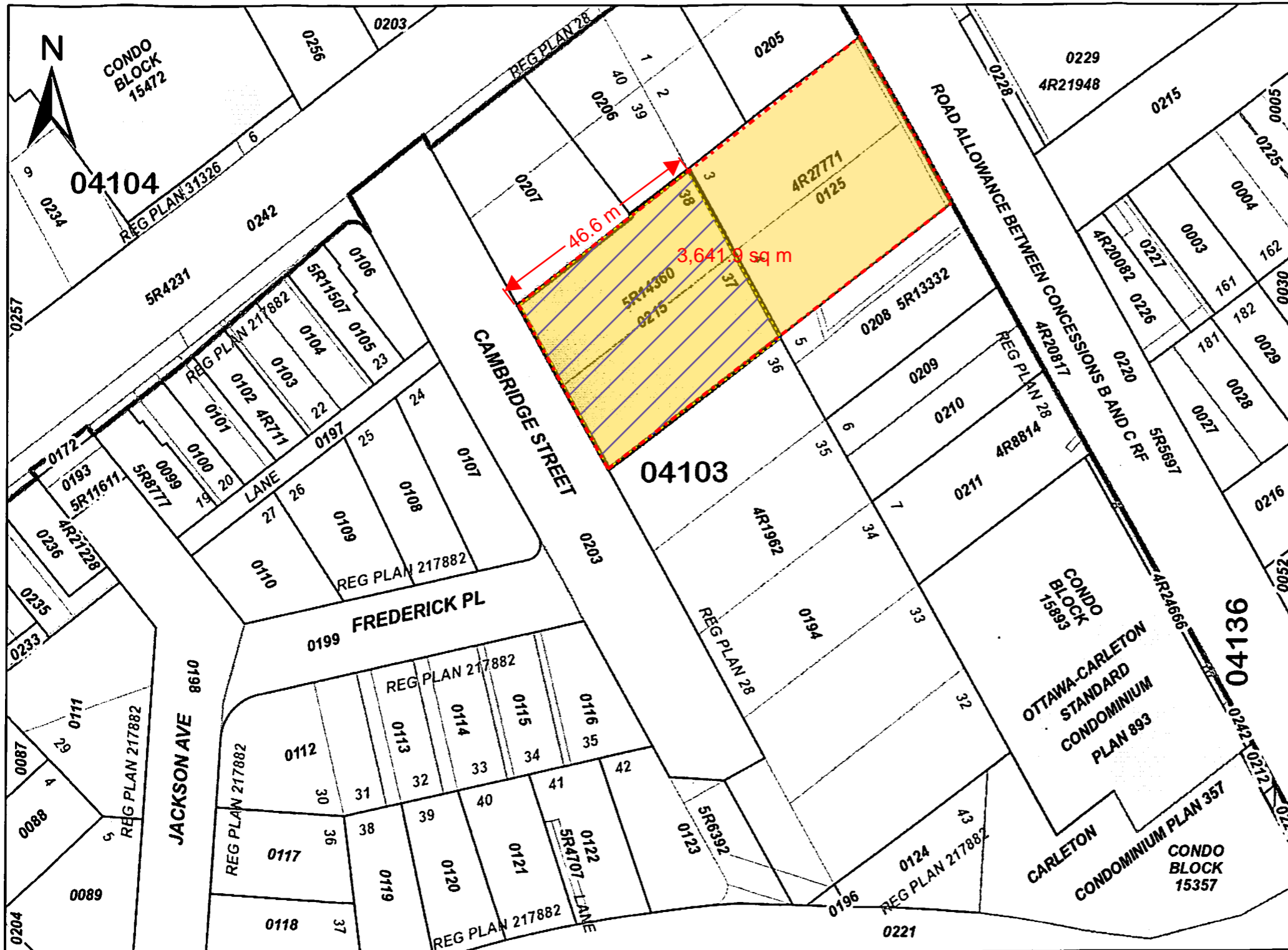
LAND  
 REGISTRY  
 OFFICE #4

04103-0215 (LT)

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
REMARKS: PLANNING ACT STATEMENTS						
OC1376163	2012/06/22	CHARGE	\$3,600,000	SAMCON CAMBRIDGE INC.	BANK OF MONTREAL	C
OC1376164	2012/06/22	NO ASSGN RENT GEN REMARKS: OC1376163.		SAMCON CAMBRIDGE INC.	BANK OF MONTREAL	C
OC1390096	2012/07/26	DISCH OF CHARGE REMARKS: OC1277583.		*** COMPLETELY DELETED *** ALTERNA SAVINGS AND CREDIT UNION LIMITED		
OC1394343	2012/08/03	DISCHARGE INTEREST REMARKS: OC1277584.		*** COMPLETELY DELETED *** ALTERNA SAVINGS AND CREDIT UNION LIMITED		
OC1468584	2013/04/17	NOTICE	\$1	CITY OF OTTAWA	SAMCON CAMBRIDGE INC.	C
OC1521804	2013/09/24	CHARGE		*** COMPLETELY DELETED *** SAMCON CAMBRIDGE INC.	TRISURA GUARANTEE INSURANCE COMPANY	
OC1720297	2015/09/09	DISCH OF CHARGE REMARKS: OC1521804.		*** COMPLETELY DELETED *** TRISURA GUARANTEE INSURANCE COMPANY		

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.  
 NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



PRINTED ON 11 DEC, 2015 AT 10:11:36 FOR P



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

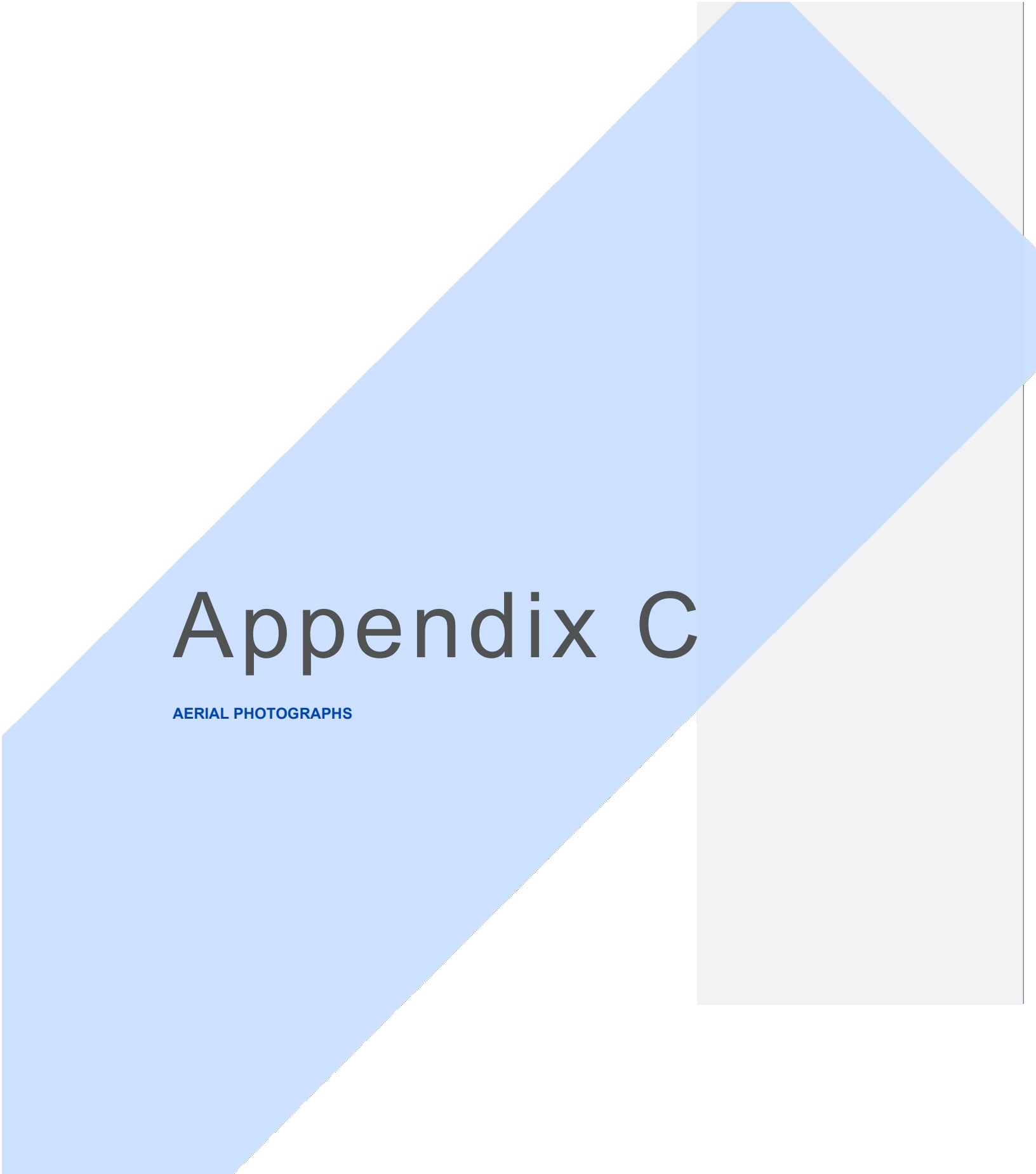
**LEGEND**

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

**THIS IS NOT A PLAN OF SURVEY**

- NOTES**
- REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS
  - THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY
  - FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS
  - ONLY MAJOR EASEMENTS ARE SHOWN
  - REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED






# Appendix C

**AERIAL PHOTOGRAPHS**



Legend  
 APPROXIMATE PROPERTY BOUNDARY

Project No: 151-12490-00  
Scale: AS SHOWN  
Date: DEC 2015  
Drawn By: KM  
App'd By: PR

**1933 AERIAL PHOTOGRAPH**  
**774 Bronson Avenue**  
**Ottawa, Ontario**

Figure No:  
**C1**



REFERENCE:  
NATIONAL AIR PHOTO LIBRARY  
PHOTO NUMBER A4570-19





A 7542-8



Legend  
 APPROXIMATE PROPERTY BOUNDARY

Project No: 151-12490-00  
Scale: AS SHOWN  
Date: DEC 2015  
Drawn By: KM  
App'd By: PR

**1945 AERIAL PHOTOGRAPH**  
**774 Bronson Avenue**  
**Ottawa, Ontario**


Figure No:  
**C2**



REFERENCE:  
NATIONAL AIR PHOTO LIBRARY  
PHOTO NUMBER A7542-8





Legend  
 APPROXIMATE PROPERTY BOUNDARY

Project No: 151-12490-00

Scale: AS SHOWN

Date: DEC 2015

Drawn By: KM

App'd By: PR

**1965 AERIAL PHOTOGRAPH**  
**774 Bronson Avenue**  
**Ottawa, Ontario**

Figure No:  
**C3**


REFERENCE:  
NATIONAL AIR PHOTO LIBRARY  
PHOTO NUMBER A18743-3







Legend

 APPROXIMATE PROPERTY BOUNDARY

REFERENCE:  
NATIONAL AIR PHOTO LIBRARY  
PHOTO NUMBER A24619-11

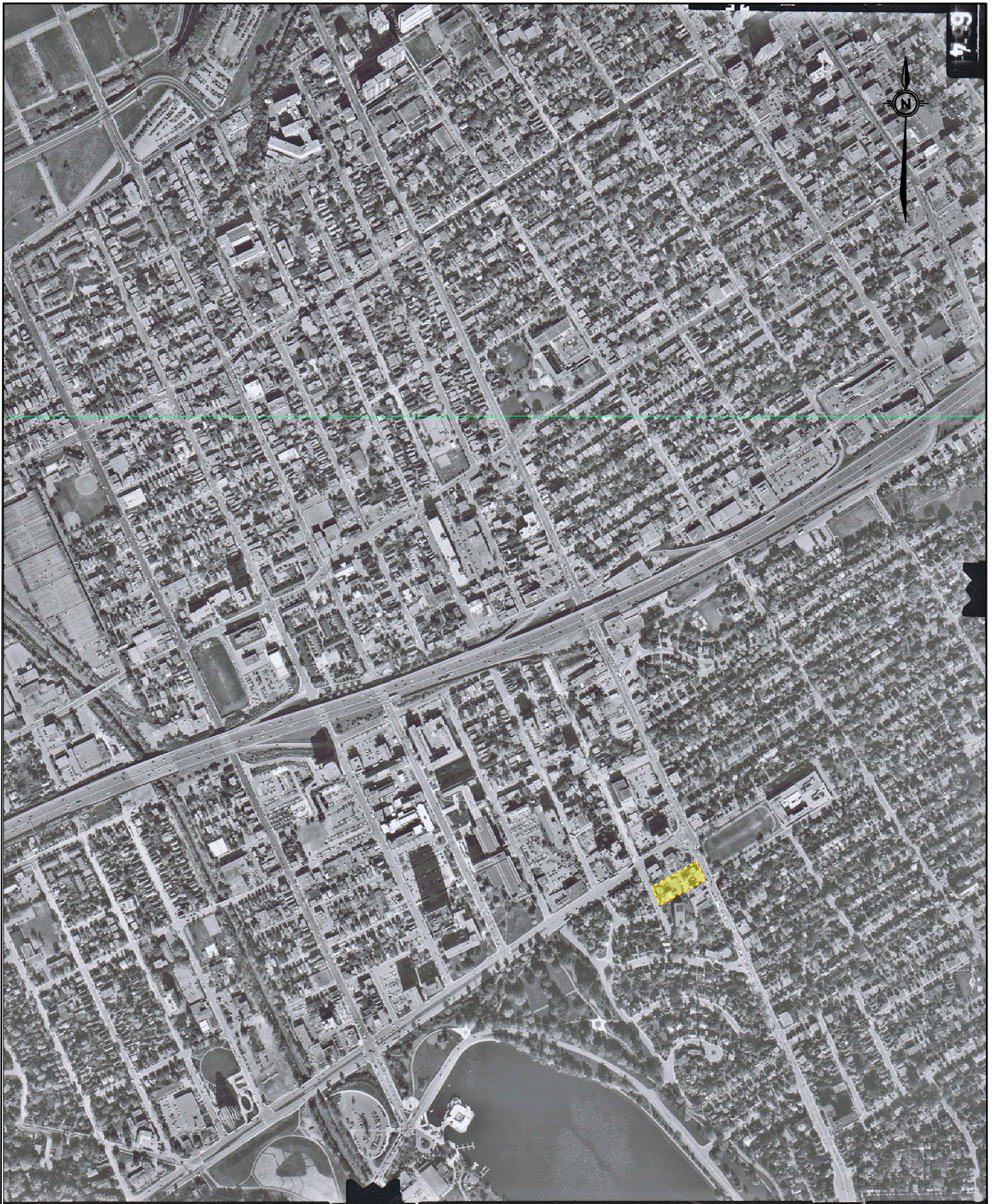
Project No: 151-12490-00  
 Scale: AS SHOWN  
 Date: DEC 2015  
 Drawn By: KM  
 App'd By: PR

**1977 AERIAL PHOTOGRAPH**  
**774 Bronson Avenue**  
**Ottawa, Ontario**

Figure No:  
**C4**







679



Legend  
[Red outline box] APPROXIMATE PROPERTY BOUNDARY

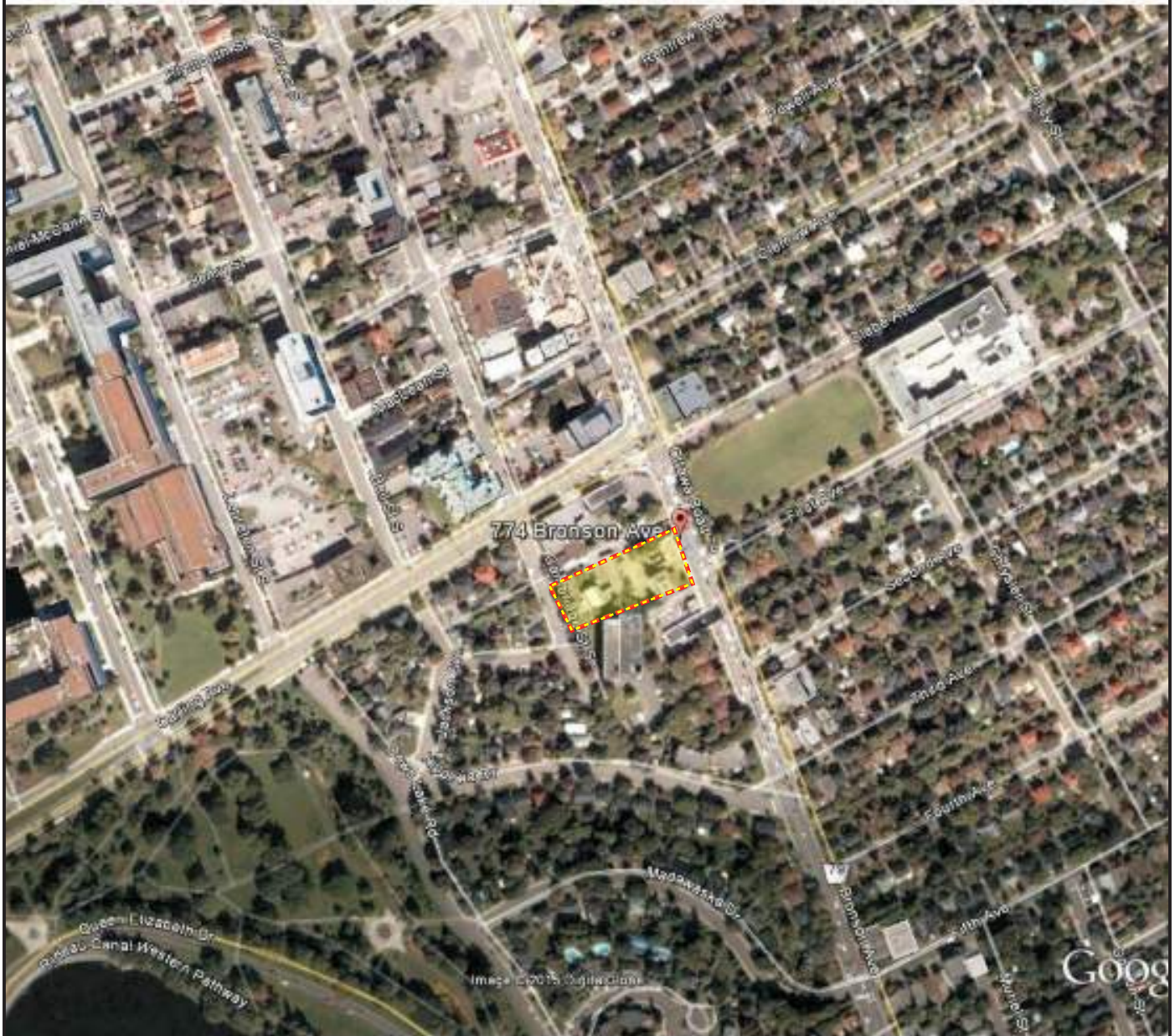
Project No: 151-12490-00  
Scale: AS SHOWN  
Date: DEC 2015  
Drawn By: KM  
App'd By: PR

**1994 AERIAL PHOTOGRAPH**  
**774 Bronson Avenue**  
**Ottawa, Ontario**

Figure No:  
**C5**  
 **WSP**

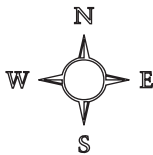
REFERENCE:  
NATIONAL AIR PHOTO LIBRARY  
PHOTO NUMBER A28147-75





LEGEND

 APPROXIMATE SITE LOCATION



## 2004 AERIAL IMAGERY

PHASE I  
 ENVIRONMENTAL SITE ASSESSMENT  
 744 Bronson Avenue  
 Ottawa, Ontario  
 For: Textbook Student Suites

DATE: DECEMBER 2015

SCALE: N/A

PROJECT: 151-13503-00

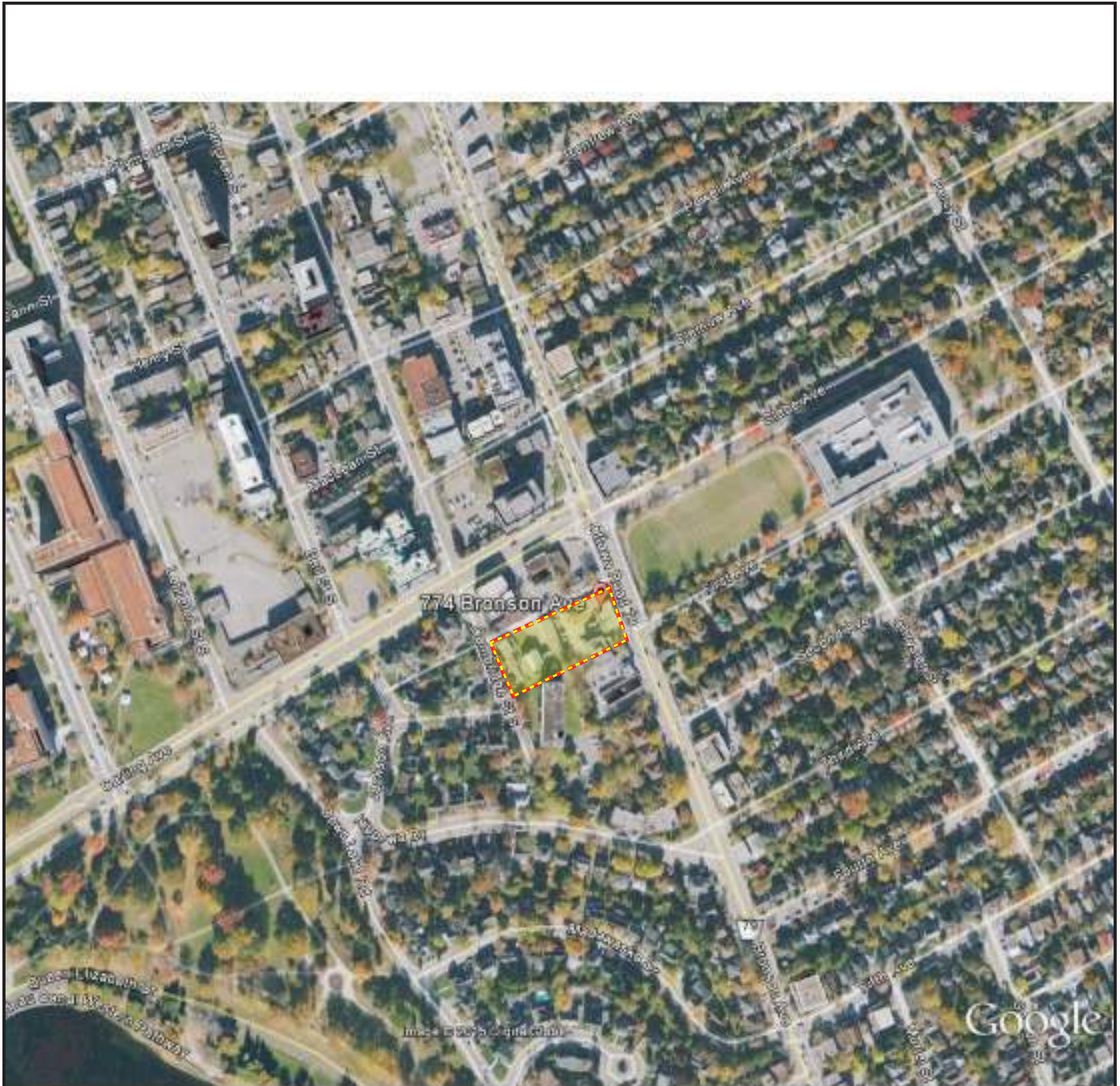
REF. NO.: 1511350300FC6



FIGURE

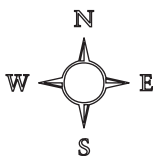
**C6**





LEGEND

 APPROXIMATE SITE LOCATION



## 2008 AERIAL IMAGERY

PHASE I  
 ENVIRONMENTAL SITE ASSESSMENT  
 744 Bronson Avenue  
 Ottawa, Ontario  
 For: Textbook Student Suites

DATE: DECEMBER 2015

SCALE: N/A

PROJECT: 151-13503-00

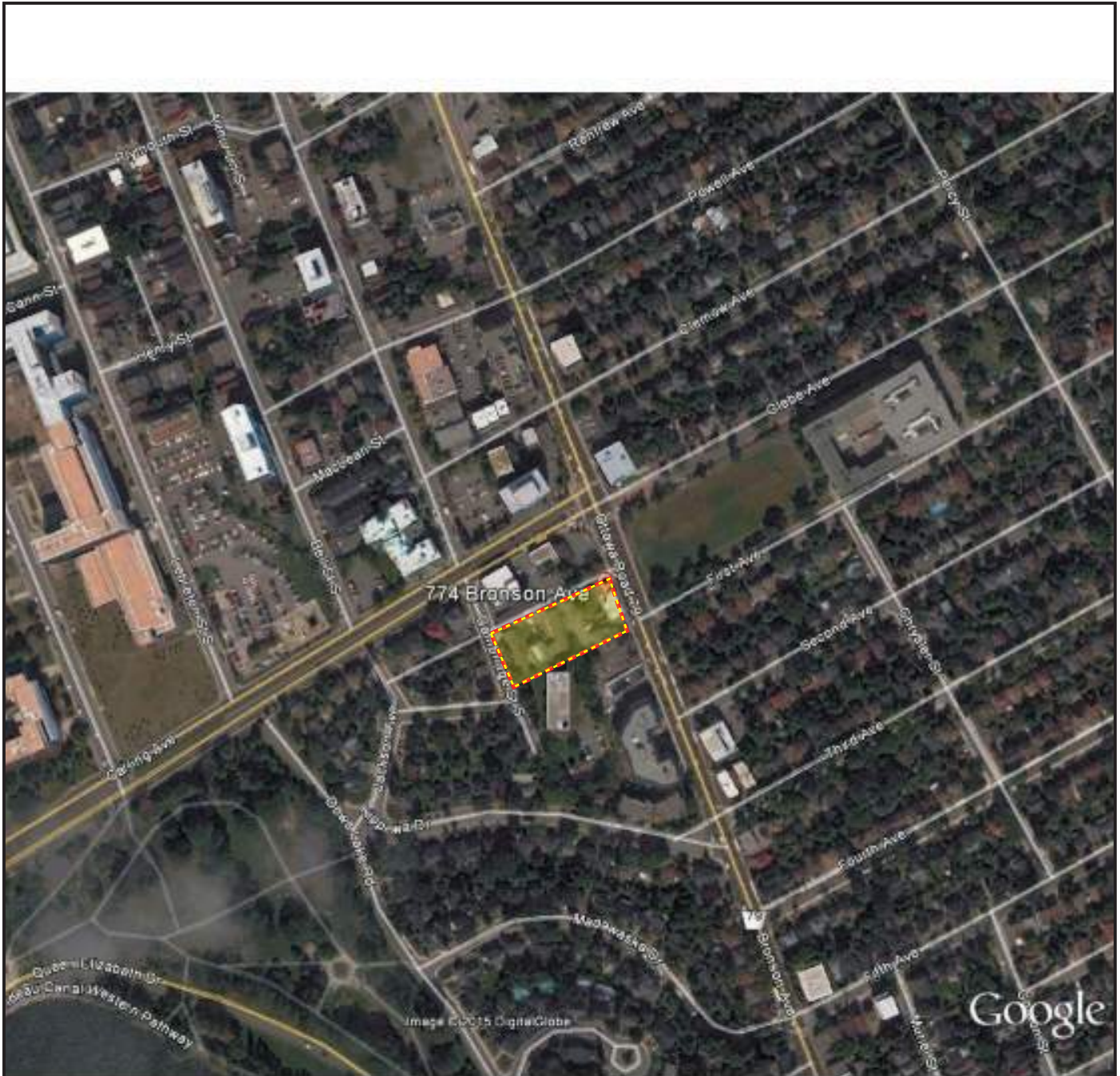
REF. NO.: 1511350300FC7



FIGURE

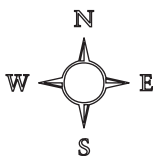
**C7**





LEGEND

 APPROXIMATE SITE LOCATION



## 2012 AERIAL IMAGERY

PHASE I  
 ENVIRONMENTAL SITE ASSESSMENT  
 744 Bronson Avenue  
 Ottawa, Ontario  
 For: Textbook Student Suites

DATE: DECEMBER 2015

SCALE: N/A

PROJECT: 151-13503-00

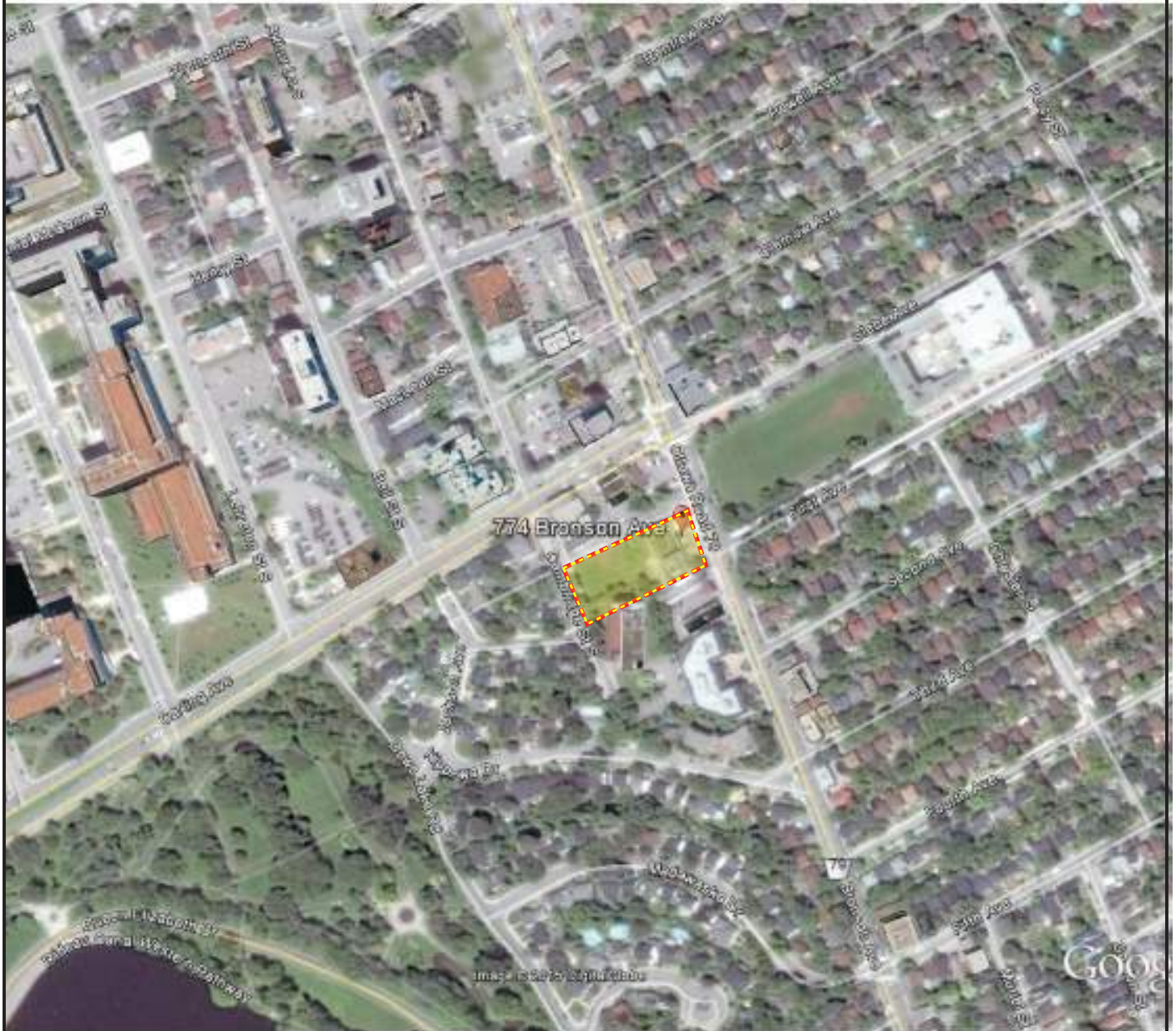
REF. NO.: 1511350300FC8



FIGURE

**C8**

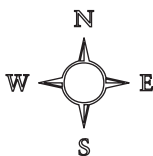




LEGEND



APPROXIMATE SITE LOCATION



## 2015 AERIAL IMAGERY

PHASE I  
 ENVIRONMENTAL SITE ASSESSMENT  
 744 Bronson Avenue  
 Ottawa, Ontario  
 For: Textbook Student Suites

DATE: DECEMBER 2015

SCALE: N/A

PROJECT: 151-13503-00

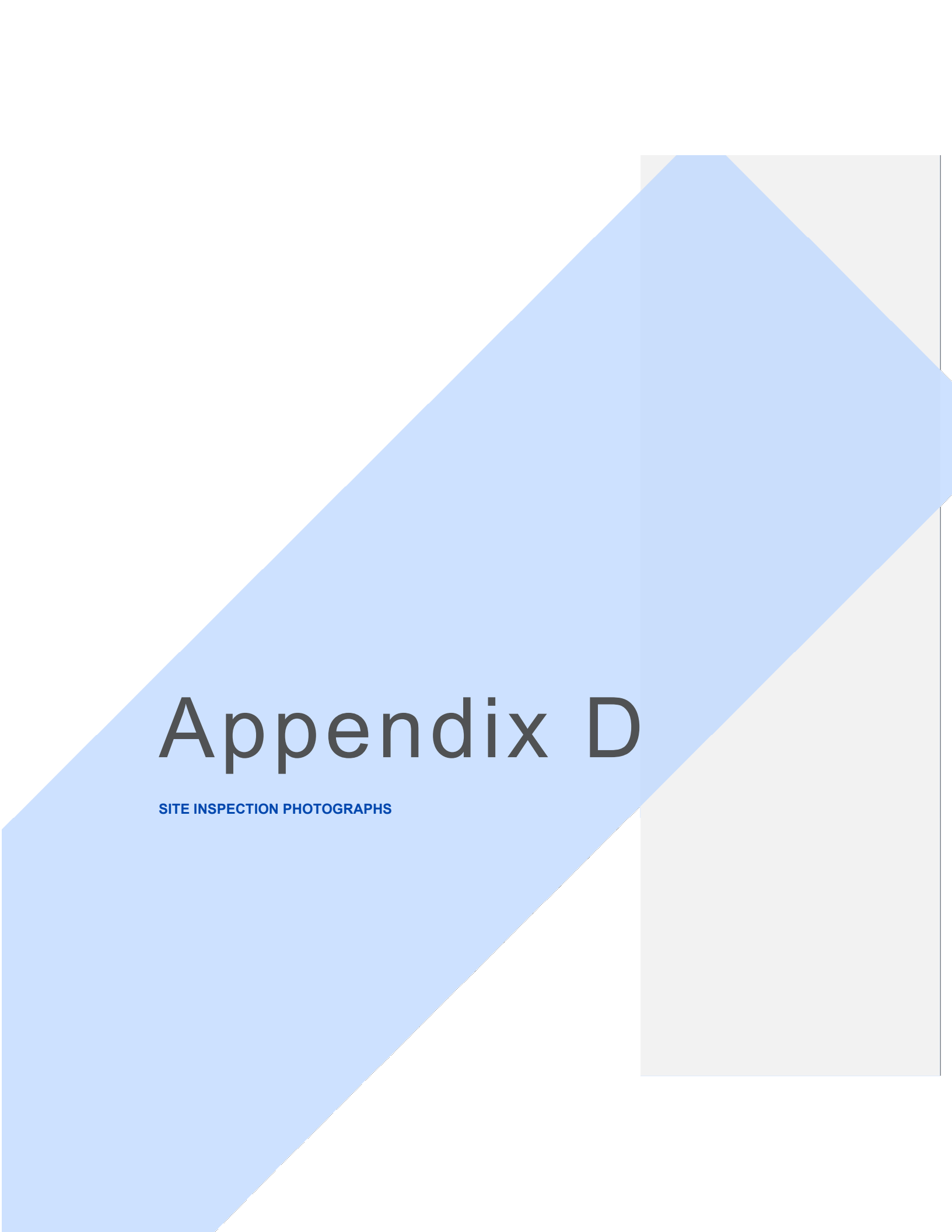
REF. NO.: 1511350300FC9



FIGURE

**C9**



The cover features a large, light blue diagonal shape on the left side, which tapers towards the top right. On the right side, there is a vertical grey rectangle. The text is centered within the blue area.

# Appendix D

**SITE INSPECTION PHOTOGRAPHS**

**744 BRONSON AVENUE AND 557 CAMBRIDGE STREET SOUTH PHASE I ESA**



Photograph 1: Looking easterly at the Site from Cambridge Street South.



Photograph 2: Looking at the west side of the trailers on Site.

**744 BRONSON AVENUE AND 557 CAMBRIDGE STREET SOUTH PHASE I ESA**



Photograph 3: Southwest corner of the on-site trailers.



Photograph 4: Looking westerly across the Site toward Cambridge Street South.

**744 BRONSON AVENUE AND 557 CAMBRIDGE STREET SOUTH PHASE I ESA**



Photograph 5: Looking westerly along the north side of the Site.



Photograph 6: Looking southerly from Site boundary on Bronson Avenue.



**744 BRONSON AVENUE AND 557 CAMBRIDGE STREET SOUTH PHASE I ESA**



Photograph 7: Air conditioning unit in trailer at Site.



Photograph 8: Some waste left on Site.



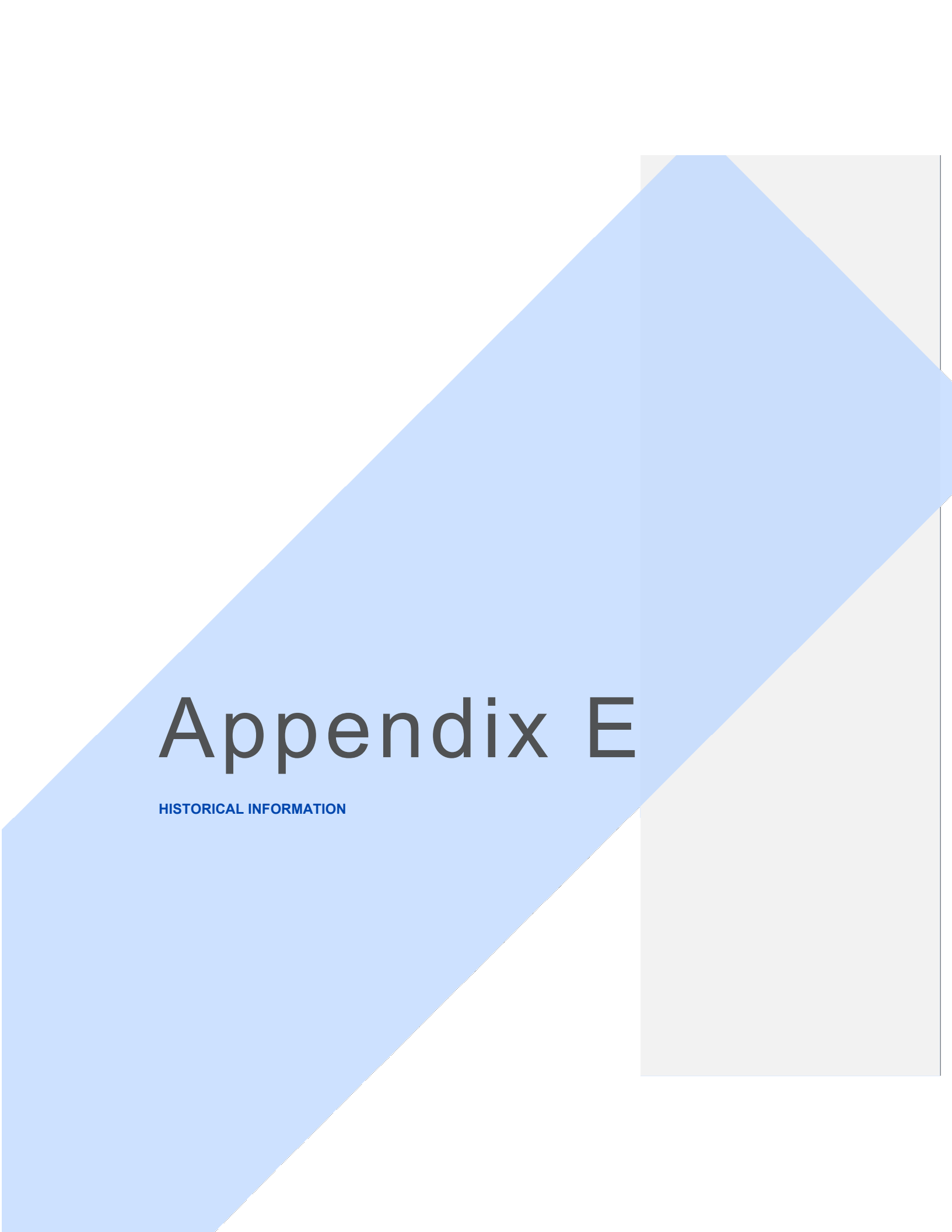
**744 BRONSON AVENUE AND 557 CAMBRIDGE STREET SOUTH PHASE I ESA**



Photograph 9: Looking northerly at site trailers along Bronson Avenue.



Photograph 10: Looking southwesterly across Bronson Ave. and Carling Ave. intersection at former auto repair/gas station located north of the Site.

The cover features a large, light blue diagonal shape on the left side, which tapers towards the top right. On the right side, there is a vertical grey rectangle. The text is centered horizontally and partially overlaps the blue shape and the grey rectangle.

# Appendix E

**HISTORICAL INFORMATION**



## FIRE INSURANCE MAP RESEARCH RESULTS

Date: 11/30/2015

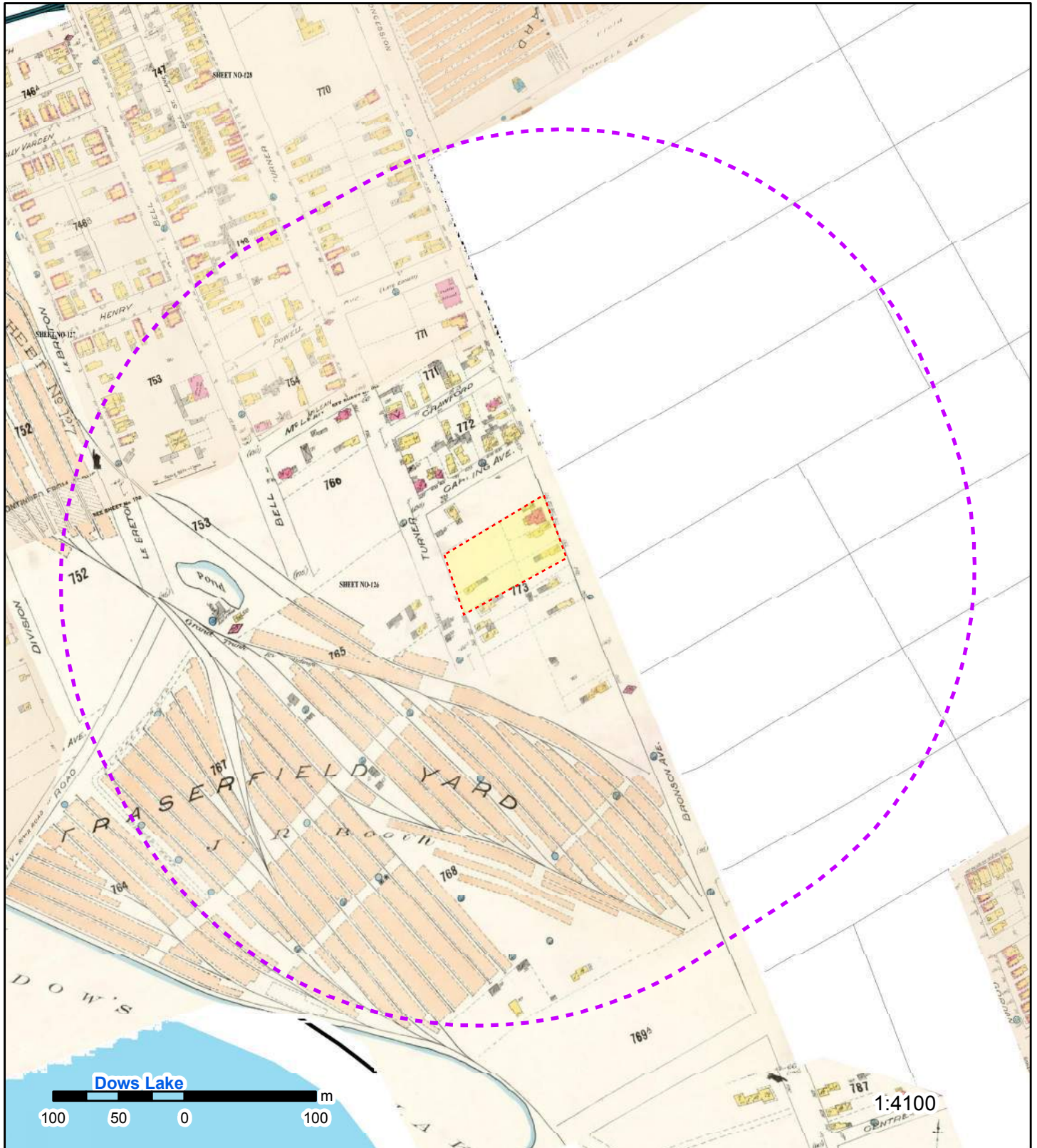
Listed below, please find the results of our search for historic fire insurance maps from our in-house collection, performed in conjunction with your ERIS report.

**Order Number: 20151124079**  
**774 Bronson Ave, Ottawa, ON, K1S4G4**

Province	City	Date	Volume	Sheet Number(s)
Ontario	Ottawa	1912	2	126,126B,127,128,129
Ontario	Ottawa	1963	1	119-4,134-2,134-3,134-4,134-5,142-1,143

*Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.*

# Ottawa, Ontario, 1912, Volume 2



## Fire Insurance Map

Address: 774 Bronson Ave, Ottawa, ON, K1S4G4

Map sheet(s): 126,126B,127,128,129

The dashed line indicates the search radius around the site: 300 m

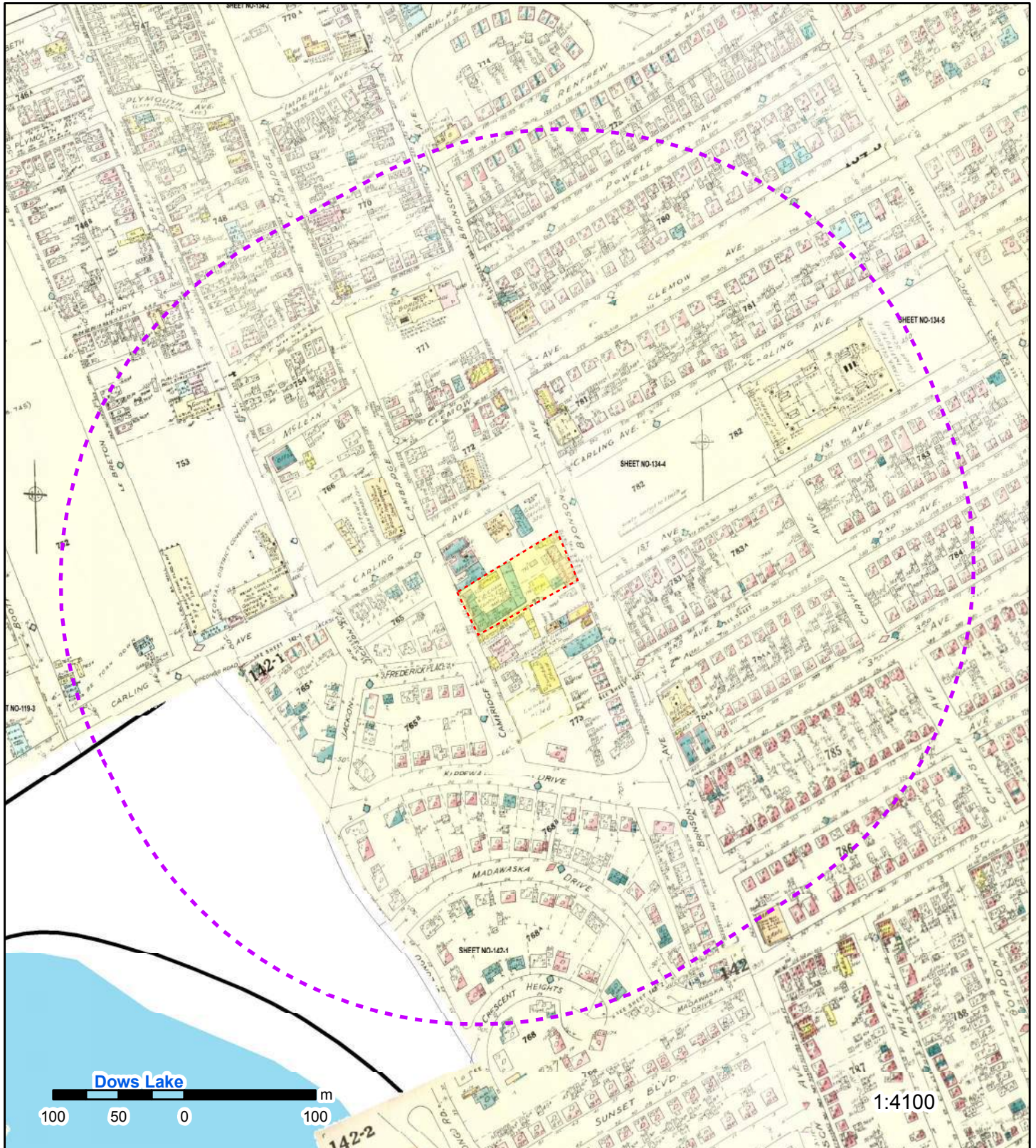
Order Number 20151124079



© Ecolog ERIS Ltd



# Ottawa, Ontario, 1963, Volume 1



## Fire Insurance Map

Address: 774 Bronson Ave, Ottawa, ON, K1S4G4

Map sheet(s): 119-4, 134-2, 134-3, 134-4, 134-5, 142-1, 143

The dashed line indicates the search radius around the site: 300 m

Order Number 20151124079



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## Freedom of Information Request

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

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester  Lisa Gardiner, B.Sc., A.Sc.T. Project Manager WSP Canada Inc. 294 Rink Street, Suite 103 Peterborough, Ontario K9J 2K2 Email Address: lisa.gardiner@wspgroup.com			FOI Request No.	FOI Co-ordinator Review date
			Date Request Received	Fee Paid ACCT-CHQ-VISA-MC- CASH
			Response Due Date	
Telephone/Fax Nos. Tel : (705)743-6850 Fax : (705)743-6854	Your Project/Reference No. 151-13503	Signature of Requester 	<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/>	
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions) 774 Bronson Ave. and 557 Cambridge St S, Ottawa, On				
Present Property Owner(s) and Date(s) of Ownership Samcon Cambridge Inc.				
Previous Property Owner(s) and Date(s) of Ownership Crainplan Limited				
Present/Previous Tenant(s), (if applicable)				
Search Parameters				Specify Year(s) Requested
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)				1986 to present
Orders				1986 to present
Spills				1986 to present
Investigations/prosecutions ▶ Owner/tenant information must be provided				1986 to present
Waste Generator number/classes				1986 to present
Certificates of Approval ▶ Proponent information must be provided				
1985 and prior records are searched manually. <b>Search fees in excess of \$300.00</b> could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). <b>If supporting documents are also required, mark SD box</b> and specify type e.g. maps, plans, hydrogeological reports, etc.				
			<b>SD</b>	<b>Specify Year(s) Requested</b>
air - emissions				1986 to present
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				1986 to present
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				1986 to present
waste water - industrial discharge				1986 to present
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				1986 to present
waste systems - haulers: sewage, non-hazardous & hazardous waste				1986 to present
- mobile waste processing units				1986 to present
- PCB destruction				1986 to present
pesticides - licenses				1986 to present

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.

## Gardiner, Lisa

---

**From:** Sarah Quibell <squibell@tssa.org> on behalf of Public Information Services <publicinformationservices@tssa.org>  
**Sent:** Monday, December 14, 2015 3:05 PM  
**To:** Gardiner, Lisa  
**Subject:** RE: Records Search

Hi Lisa,

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 (publicinformationservices@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 great day!

Regards,

Sarah



### Public Information Services

Facilities & Business Services

3300 Bloor Street West

Center Tower, 16th Floor

Toronto, Ontario, M8X-2X4

Tel: 1-877-682-8772 Fax: (416) 734-3568 E-mail: [publicinformationservices@tssa.org](mailto:publicinformationservices@tssa.org)

[www.tssa.org](http://www.tssa.org)



---

**From:** Gardiner, Lisa [mailto:Lisa.Gardiner@wspgroup.com]

**Sent:** Monday, December 14, 2015 2:59 PM

**To:** Public Information Services

**Subject:** Records Search

Hello,

Could you please search for any records for the properties located at [774 Bronson Avenue](#) and [557 Cambridge Street South](#) in Ottawa, Ontario. The property is vacant.

Thank-you,

Lisa



**Lisa Gardiner, B.Sc., A.Sc.T.**  
Project Manager

**WSP Canada Inc.**  
294, Rink Street, Suite 103  
Peterborough, Ontario K9J 2K2 Canada  
T +1 705-743-6850 #228  
F +1 705-743-6854  
C +1 705-930-5615

[www.wspgroup.com](http://www.wspgroup.com)

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---

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## AM - Arterial Mainstreet Zone (Sec. 185-186)

<b>Purpose of the Zone</b>			
The purpose of the AM – Arterial Mainstreet Zone is to:			
	(1)	accommodate a broad range of uses including retail, service commercial, offices, residential and institutional uses in mixed-use buildings or side by side in separate buildings in areas designated <b>Arterial Mainstreet</b> in the Official Plan; and	
	(2)	impose development standards that will promote intensification while ensuring that they are compatible with the surrounding uses.	
<b>185. In the AM Zone:</b>			
<b>Permitted Non-Residential Uses</b>			
	(1)	The following non-residential uses are permitted subject to:	
		(a)	the provisions of subsections 185(3) to (5), and
		(b)	<b>amusement park</b> being located within a building;
			<b>amusement centre</b> <b>amusement park</b> <b>animal care establishment</b> <b>animal hospital</b> <b>artist studio</b> <b>automobile dealership</b> <b>automobile rental establishment</b> <b>automobile service station</b> <b>bank</b> bank machine



**bar**  
**broadcasting studio**  
**car wash**  
**catering establishment**  
**cinema**  
**community centre**  
**community garden, see Part 3, Section 82**  
**community health and resource centre**  
**convenience store**  
**day care**  
**diplomatic mission, see Part 3, Section 88**  
**drive-through facility**  
**emergency service**  
 funeral home  
**gas bar**  
**hotel**  
**instructional facility**  
**library**  
**medical facility**  
**municipal service centre**  
**museum**  
**nightclub**  
**office**  
**park**  
**parking garage**  
**personal service business**  
**place of assembly**  
 place of worship  
 post office  
**production studio**  
**recreational and athletic facility**  
**research and development centre**  
**residential care facility (By-law 2011-273)**  
**restaurant**  
 retail food store  
**retail store**  
 school  
**service and repair shop**  
**small batch brewery, see Part 3, Section 89**  
**sports arena**  
**technology industry**  
**theatre**  
**training center**

## Permitted Residential Uses

(2) The following residential uses are permitted:

apartment **dwelling**, low rise  
**apartment dwelling, mid-high rise (Subject to By-law 2014-292)**  
**bed and breakfast, see Part 5, Section 121**  
**converted dwelling, see Part 5, Section 122 (Subject to By-law 2014-189)**  
 dwelling unit  
**group home, see Part 5, Section 126**  
**home-based business, see Part 5, Section 127**  
 home-based day care, *see Part 5, Section 129*  
**planned unit development, see Part 5, Section 131**

retirement home  
retirement home, converted, see Part 5, Section 122  
rooming house  
rooming house, converted, see Part 5, Section 122  
rooming unit  
stacked dwelling, see Part 5, Section 138 (By-law 2010-307)  
townhouse dwelling, see Part 5, Section 138 (By-law 2012-334) (By-law 2010-307)

**Zone Provisions**

(3) The zone provisions are set out in Table 185 below.

**TABLE 185 - AM ZONE PROVISIONS**

<b>I ZONING MECHANISMS</b>		<b>II PROVISIONS</b>	
(a) Minimum lot area		No minimum	
(b) Minimum lot width		No minimum	
(c) Front yard and corner side yard	(i) non-residential or mixed-use buildings	Minimum	No minimum
	(ii) residential use building	Minimum	3 m
(d) Minimum interior side yard	(i) abutting a residential zone	7.5 m	
	(ii) all other cases	No minimum	
(e) Minimum rear yard	(i) abutting a street	3 m	
	(ii) rear lot line abutting a residential zone	7.5 m	
	(iii) for a residential use building	7.5 m	
	(iv) all other cases	No minimum	

(f) Maximum building height	(i) in any area up to and including 20 metres from a property line abutting a R1, R2 or R3 residential zone (By-law 2011-124)	11 m
	(ii) in any area up to and including 20 metres from a property line abutting a R4 zone (By-law 2011-124)	15 m
	(iii) in any area over 20 metres and up to and including 30 metres from a property line abutting a R1, R2, R3 or R4 zone (By-law 2011-124)	20 metres, or as shown on the zoning map
	(iv) more than 30 metres from a property line abutting a R1 – R4 zone	<b>25 metres, or as shown on the zoning map (Subject to By-law 2015-45)</b>
	(v) in all other cases	<b>25 metres, or as shown on the zoning map (Subject to By-law 2015-45)</b>

**(g) Maximum floor space index  
(Subject to By-law 2015-45)**

**(i) if 80% or more of the required parking is provided below grade**

**3.5**

**(ii) in all other cases**

**2, unless otherwise shown**

(h) Minimum width of landscaped area

(i) abutting a residential zone

3 m

(ii) in all other cases

No minimum, except that where a yard is provided and not used for required driveways, aisles, parking, loading spaces or outdoor commercial patio, the whole yard must be landscaped

(i) Minimum width of landscaped area around a parking lot

*see Section 110 – Landscaping Provisions for Parking Lots*

	(4)	Outdoor storage is permitted subject to:	
		(a)	being located in an interior side yard or rear yard;

	(b)	being completely enclosed and screened from a public street, and from residential or institutional zone; and
	(c)	the provisions of subsection 185(4) (b) above does not apply to <b>automobile dealership</b> .
(5)		For other applicable provisions, see Part 2 – General Provisions, Part 3 – Special Use provisions, and Part 4 – Parking and Loading Provisions.
(6)		<i>(Introduced by By-law 2014-292)</i>
<b>AM Subzones</b>		
186.	In the AM Zone, the following subzones apply:	
<b>AM1 Subzone</b>		
(1)	In the AM1 Subzone:	
(a)	no greater than 50% of the maximum permitted floor space index may be used for the non-residential uses; and (By-law 2012-91)	
(b)	the provisions of subsection 186(1)(a) above do not apply to <b>community centre, community health and resource centre, day care and library</b> .	
<b>AM2 Subzone</b>		
(2)	In the AM2 Subzone:	
(a)	the following uses are prohibited:	
	<b>amusement centre</b> <b>amusement park</b> <b>bar</b> <b>cinema</b> funeral home <b>museum</b> <b>nightclub</b> <b>recreational and athletic facility</b> <b>sports arena</b> <b>theatre</b>	

<b>AM3 Subzone- St. Joseph Boulevard Subzone</b>			
	(3)	In the AM3 Subzone:	
		(a)	the following uses are prohibited:
			<b>automobile dealership</b> <b>automobile rental establishment</b> <b>car wash</b> <b>gas bar</b>
		(b)	the provisions of subsection 185(3) do not apply and the provisions of Table 186A below apply.

**TABLE 186A - AM3 SUBZONE PROVISIONS**

	<b>I ZONING MECHANISMS</b>	<b>II PROVISIONS</b>
(i) Minimum lot width	1. lot without direct vehicular access to St. Joseph Blvd	18 m
	2. lot with direct access to St. Joseph Blvd	24 m
(ii) Maximum front yard and corner side yard setbacks	1. non-residential or mixed use buildings	4 m
	2. residential use building	6 m
(iii) Maximum floor space index	1. for lots having a lot depth of 40 metres or less	1.5
	2. for lots having a lot depth greater than 40 metres	3
	3. for gateway sites with an average lot depth greater than 60 metres	3.5
(iv) Minimum building heights		



	1. for all gateway sites within 4 m of a lot line abutting a street		9 m
(v) Maximum building heights (By-law 2015-190)	1. for lots with a lot depth of 40 metres or less		13 m
	2. for lots with a lot depth greater than 40 metres	(i) within 20 metres from a residential zone	13 m
		(ii) beyond 20 metres from a residential zone	19 m
	3. for gateway sites with an average lot depth greater than 60 metres	(a) within 20 metres or less of a lot line abutting a residential zone	13 m
		(b) between 20 metres and 30 metres of a lot line abutting a residential zone	19 m
(c) beyond 30 metres of a lot line abutting a residential zone		25 m	
(vi) Minimum rear yard setback		7.5 metres	

		(c)	<p><b>For the purpose of this section, a gateway site is any corner lot or any development that incorporates one or more lots and includes a corner lot and is developed under one Site Plan, located abutting the following street intersections:</b></p>		
			(i)	St. Joseph Boulevard and Youville Drive;	
			(ii)	St. Joseph Boulevard and Jeanne d'Arc Boulevard;	
			(iii)	St. Joseph Boulevard and Orleans Boulevard; and	
			(iv)	St. Joseph Boulevard and Place d'Orleans Drive.	

		(d)	Where a lot fronts on three streets, the provisions of Table 186A (ii)1. do not apply and a 4 metre yard setback must be provided for only two of the three streets, one of which must be St-Joseph Boulevard.
		(e)	Where a gateway site fronts on three streets, the provisions of Table 186A (ii)1. do not apply and a maximum 4 metre yard setback must be provided from St-Joseph Boulevard and the other gateway street.
		(f)	For a gateway site, a minimum of:
		(i)	75% of the width of the corner site measured at the building setback and along St. Joseph Boulevard; and
		(ii)	50% of the width of the corner site measured at the building setback and along the other street;
			must be occupied by a building face.
		(g)	For all buildings facing St. Joseph Boulevard:
		(i)	a minimum of 50% of the width of a lot, measured at the building setback, must be occupied by a building face, unless Section 186 (3) (f) applies; and
		(ii)	a minimum of 50% of the length of the ground floor elevation must consist of openings such as windows and customer entrances.
<b>AM4 Subzone</b>			
	(4)	<b><i>In the AM4 Subzone:</i></b>	
		(a)	<b><i>only 50% of the permitted floor space index may be used for the non-residential uses;</i></b>
		(b)	<b><i>the provisions of subsection 186(4)(a) above do not apply to community centre, community health and resource centre, day care and library; and</i></b>
		(c)	<b><i>the following uses are prohibited:</i></b>
			<b><i>amusement centre amusement park automobile dealership</i></b>

			<p><i>automobile rental establishment</i>  <i>automobile service station</i>  <i>bar</i>  <i>car wash</i>  <i>catering establishment</i>  <i>cinema</i>  <i>funeral home</i>  <i>gas bar</i>  <i>hotel</i>  <i>museum</i>  <i>nightclub</i>  <i>office</i>  <i>recreational and athletic facility</i>  <i>retail food store</i>  <i>sports arena</i>  <i>theatre (OMB Order #PL080959 issued March 18, 2010) (Subject to By-law 2015-45)</i></p>
<b>AM5 Subzone</b>			
	(5)	In the AM5 Subzone:	
		(a)	the following uses only are permitted:
			<p>apartment <b>dwelling</b>, low rise  <i>apartment dwelling, mid-high rise (Subject to By-law 2014-292)</i>  <b>broadcasting studio</b>  <b>community garden</b>  <i>converted dwelling, see Part 5, Section 122 (Subject to By-law 2014-189)</i>  <i>diplomatic mission, see Part 3, Section 88</i>  <b>drive-through facility</b> (OMB Order #PL080959 issued March 18, 2010)  <b>dwelling</b> unit  <b>emergency service</b>  <b>home-based business, see Part 5, Section 127</b>  <i>home-based day care, see Part 5, Section 129</i>  <b>hotel</b>  <b>medical facility</b>  <b>museum</b>  <b>office</b>  <b>planned unit development, see Part 5, Section 131</b>  <b>production studio</b>  <b>research and development centre</b>  <i>stacked dwelling, see Part 5, Section 138 (By-law 2010-307)</i>  <b>technology industry</b>  <b>training centre</b></p>
		(b)	the following uses are also permitted subject to:
		(i)	being in the same building or on the same lot as a use or uses listed in subsection 186(5)(a) above; and

		(ii)	the cumulative gross floor area not exceeding the total gross floor area of the use or uses listed in subsection 186(5)(a) above;
			<b>artist studio</b> <b>bank</b> bank machine <b>bar</b> <b>car wash</b> <b>cinema</b> <b>convenience store</b> <b>day care</b> <b>instructional facility</b> <b>library</b> <b>municipal service centre</b> <b>nightclub</b> <b>parking garage</b> <b>parking lot</b> <b>personal service business</b> <b>place of assembly</b> place of worship post office <b>recreational and athletic facility</b> <b>restaurant</b> (OMB Order #PL080959 issued March 18, 2010) retail food store <b>retail store</b> <b>service and repair shop</b> <b>theatre</b>
		(c)	car wash, including the required queuing spaces, must be totally enclosed in a building occupied by a permitted use listed in subsection 186(5)(a);
		(d)	the provisions of subsection 185(4) do not apply and storage must be completely enclosed within a building;
		(e)	the provisions of Section 101 – <i>Minimum Parking Space Rates</i> , apply but the minimum rate is the maximum amount of parking permitted; and
		(f)	where excess parking results from a change of use, the excess parking may be retained.
<b>AM6 Subzone- Montreal Road Subzone</b>			
	(6)	<b><i>In the AM6 Subzone:</i></b>	
		(a)	<b><i>the following uses only are permitted:</i></b>
			<b><i>convenience store</i></b> <b><i>day care</i></b> <b><i>drive-through facility</i></b>

			<p><i>dwelling units</i>  <i>emergency service</i>  <i>gas bar</i>  <i>library</i>  <i>medical facility</i>  <i>municipal service centre</i>  <i>office</i>  <i>parking lot</i>  <i>personal service business</i>  <i>place of worship</i>  <i>restaurant</i>  <i>retail store</i>  <i>school</i></p>
		(b)	<i>Dwelling units are permitted only above the ground floor. (Subject to By-law 2015-45)</i>
<b>AM7 Subzone- Hazeldean Road Subzone</b>			
	(7)	In the AM7 Subzone:	
		(a)	the following uses are prohibited:
			<p><b>automobile dealership</b>  <b>automobile rental establishment</b>  <b>automobile service station</b>  <b>gas bar</b>  <b>rooming house</b>  <b>stacked dwelling, see Part 5, Section 138 (By-law 2010-307)</b>  <b>townhouse dwelling, see Part 5, Section 138 (By-law 2012-334) (By-law 2010-307)</b></p>
		(b)	the minimum lot area is 600 square metres; the minimum lot width is 18 metres; the minimum rear yard setback is 10 metres and the maximum permitted lot coverage is 50%.
		(c)	the maximum permitted building height is 11 metres within 20 metres of a residential zone, and 15 metres in all other cases.
		(d)	a minimum of,
		(i)	50% of the lot width within 3 metres of the front lot line, must be occupied by building walls if the lot is less than 90 metres wide.
		(ii)	30% of the lot width within 3 metres of the front lot line, must be occupied by building walls if the lot is 90 metres in width or wider.
		(e)	



			if there are high voltage power lines present near the front lot line then the front yard setback requirement is 5 metres instead of 3 metres.
		(f)	when an outdoor commercial patio is located in a front yard, then the front yard setback requirement is 6 metres instead of 3 metres.
		(g)	in the case of a phased development where all phases are shown on a site plan approved pursuant to Section 41 of the Planning Act, each phase itself does not have to comply with subsection (d) above, provided that those requirements are satisfied upon the completion of all phases of development.
		(h)	a landscaped buffer of 10 metres is required along a property line abutting a residential zone, and a landscaped buffer of 5 metres is required along a rear lot line abutting a non-residential zone.
		(i)	outdoor storage accessory to the use on the lot,
		(i)	is prohibited in a front yard, and
		(ii)	Is permitted in all other yards provided it is concealed from view from abutting streets and non-commercial zones, and provided it does not cover more than 20% of the lot area.
		(j)	the lot line abutting Hazeldean Road is considered to be the front lot line.
		(k)	the minimum number of parking spaces required for a shopping centre may be reduced by the number of on-street parking spaces that are located within 12 metres of the lot on which a shopping centre is located.

### AM8 Subzone – Bank Street Subzone

	(8)	<b><i>In the AM8 Subzone:</i></b>	
		(a)	<b><i>no greater than 50% of the maximum permitted floor space index may be used for permitted non-residential uses,</i></b>
		(b)	<b><i>the provisions of subsection 186(1)(a) above do not apply to community centre, community health and resource centre, day care and library,</i></b>
		(c)	<b><i>the following maximum building heights apply:</i></b>
		(i)	<b><i>in any area up to and including 20 metres from a property line abutting a R1, R2 or R3 residential zone: 11 m</i></b>

			(ii)	<i>in any area up to and including 20 metres from a property line abutting a R4 zone: 15 m</i>
			(iii)	<i>in any area over 20 metres and up to and including 30 metres from a property line abutting a R1, R2, R3 or R4 zone: 20 metres</i>
			(iv)	<i>more than 30 metres from a property line abutting a R1, R2, R3 or R4 zone: 50 metres,</i>
			(v)	<i>in all other cases: 50 metres</i>
		(d)		<i>for non-residential and mixed-use buildings, no minimum front yard setback applies and the maximum front yard setback along Bank Street is 3.0 metres,</i>
		(e)		<i>for non-residential and mixed-use buildings, where overhead hydro wires and hydro poles exist, the maximum front yard setback along Bank Street is 5.0 metres,</i>
		(f)		<i>where the building height is greater than 4 storeys the second, third or fourth storey must be stepped back a further 2.5 metres from the front wall of the storey below,</i>
		(g)		<i>at least 70% of the lot width measured at the building setback along Bank Street must be occupied by one or more building walls, and in the case of a phased development where all phases are shown on a site plan approved pursuant to Section 41 of the Planning Act, each phase itself does not have to comply with this clause, provided that those requirements are satisfied upon the completion of all phases of development.</i>
		(h)		<i>in a case of gas bars and where the floor area of buildings that existed on March 28, 2012 is increased up to an amount equal to 25% of the floor area that existed on that day clauses (d) and (g) above do not apply,</i>
		(i)		<i>in the case of lots with a Bank Street frontage of 35 metres or less, clause (g) above does not apply,</i>
		(j)		<i>despite Schedule 1 the minimum number of parking spaces required will be calculated using the requirements of column III, Area B of Table 101,</i>
		(k)		<i>despite any requirements to the contrary, parking for a use required on one lot, may be located on another lot, but must be in the same city block, or on a lot on the opposite side of the public street on which the use requiring the parking is located. (By-law 2012-91) (Subject to By-law 2014-292) (Subject to By-law 2015-192)</i>

**AM9 Subzone**

	(9)	In the AM9 Subzone:	
		(a)	the minimum rear yard setback for a non-residential or mixed-use building is 10 metres.
		(b)	the maximum permitted building height is 11 metres within 20 metres of a residential zone, and 15 metres in all other cases.
		(c)	a minimum of:
		(i)	50% of the lot width within 3 metres of the front lot line, must be occupied by building walls if the lot is less than 90 metres wide.
		(ii)	30% of the lot width within 3 metres of the front lot line, must be occupied by building walls if the lot is 90 metres in width or wider.
		(d)	Clause (c) does not apply to a lot containing only an automobile dealership, automobile rental establishment, automobile service station, or gas bar, but a maximum front yard setback of 3 metres shall apply to any building containing these uses.
		(e)	Despite (c) and (d), in the case of high voltage power lines present near the front lot line the distance of 3 metres set out within (c)(i) and (c)(ii) and the maximum front yard setback in (d) is increased to 5 metres with respect to that portion of the building wall affected by the high voltage power lines.
		(f)	In the case of a phased development where all phases are shown on a site plan approved pursuant to Section 41 of the Planning Act, each phase itself does not have to comply with subsection (c) above, provided that those requirements are satisfied upon the completion of all phases of development.
		(g)	For a lot containing a non-residential or mixed use building, the minimum required width of a landscaped area along a lot line is:
		(i)	where abutting a residential zone: 10 metres and an opaque screen with a minimum height of 1.5 metres must be provided between the residential zone and landscaped area;
		(ii)	where it is the rear lot line and it abuts a non-residential zone: 5 m
		(iii)	in all other cases: no minimum, except that where a yard is provided and not used for required driveways, aisles, parking, loading spaces or outdoor commercial patio, the whole yard must be landscaped.
		(h)	outdoor storage accessory to the use on the lot,
		(i)	is prohibited in a front yard, and
		(ii)	

			Is permitted in all other yards provided it is concealed from view from abutting streets and non-commercial zones, and provided it does not cover more than 20% of the lot area.
		(i)	the lot line abutting Hazeldean Road is considered to be the front lot line
		(j)	the minimum number of parking spaces required for a shopping centre may be reduced by the number of on-street parking spaces that are located within 12 metres of the lot on which a shopping centre is located. (By-law 2014-27)

**AM10 Subzone (Introduced by By-law 2015-45)**

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**AM11 Subzone (Introduced by By-law 2015-49)**

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