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REPORT ON

Phase One Environmental Site Assessment Myers Proposed Development Colonnade Road Ottawa, Ontario

Submitted to:

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REPORT



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1 e-copy - Myers Automotive Group
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1.0 EXECUTIVE SUMMARY

Golder Associates Ltd. (“Golder”) was retained by Myers Automotive Group (the “Client” or “Myers”) to conduct a Phase One Environmental Site Assessment (“Phase One ESA”) of the property located east of 1 Colonnade Road, in Ottawa, Ontario (herein after referred to as the “Site” or “Phase One Property”). The general Site location is shown on Figure 1: Key Plan. The boundaries of the Site are provided on Figure 2: Site Plan. The legal description is provided on page 3 of the report.

The Site consisted of a 0.74 hectare (7416 m²) parcel of undeveloped land. No buildings or structures were noted on the Phase One Property.

It is understood that the Phase One Property is to be developed with a commercial lot for Myers. The Site is owned by Myers Automotive Group.

Based on the information obtained and reviewed as part of this Phase One ESA, the Site was owned by private individuals from 1820 to 2017; the current owner (Myers Automotive Group) took ownership on 31 May 2016. Based on a review of the available aerial photographs, the Phase One Property has remained undeveloped and used for agricultural purposes or has been vacant since at least 1950.

The Phase One ESA was completed in accordance with O.Reg. 153/04 and included a review of available current and historical information on the Site and surrounding properties, a Site walkover, interviews, evaluation of readily available information, and reporting, subject to the limitations outlined in Section 9.0 of this report. The Site is not considered an enhanced investigation property as defined by O.Reg. 153/04.

Based on the information obtained and reviewed as part of this Phase One ESA, the following potentially contaminating activities (“PCA”) were identified.

ID on Figure 2	Location	O.Reg. 153/04 Table 2 - Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Property				
None				
Phase One Study Area (Excluding Phase One Property)				
1	South of Site	46. Railyards, Tracks and Spurs – A Canadian National Railway corridor is located 150 m south of the Site.	Aerial photographs and Site observations	Given that the nature of impacts associated with this PCA typically do not migrate through groundwater, the cross-gradient position from the Site, and the distance between the PCA and the Site (175 m) it is not anticipated to impact the Phase One Property.
2	Adjacent to the west of the Site	52. Storage, maintenance, fuelling and repair of equipment, vehicles,	Aerial photographs and Site observations	While this PCA is located directly adjacent and upgradient of the Site, based on its short service duration (<2 years) it is not anticipated



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		and material, used to maintain transportation systems – Dow Honda vehicle service centre on the adjacent property to the west, 1 Colonnade Road.		to have impacted the Phase One Property.
3	Southeast of the Site	42. Pharmaceutical Manufacturing and Processing – Iogen Corporation at 8 Colonnade Road manufactured pharmaceuticals.	EcoLog ERIS Report	Based on the down-gradient location of this PCA to the Site, and distance of the property from the Site (~100 m), the presence of this PCA is not anticipated to impact Phase One Property.
4	East of the Site	19. Electronic Computer Equipment Manufacturing – Businesses historically located at 14 and 20 Colonnade have been in the computer equipment manufacturing business.	Street directory (1992, 2001/02, 2006/07)	Based on the down-gradient location of this PCA to the Site, the short duration that these businesses existed on the properties (<10 years), and distance of the properties from the Site (~150 m), the presence of this PCA is not anticipated to impact Phase One Property.
5	East of the Site	31. Ink Manufacturing, Processing, and Bulk Storage – An ink cartridge company was located at 14 Colonnade Road.	Street directory (1992)	Based on the down-gradient location of this PCA to the Site, the short duration that the business existed on the property (<5 years), and distance of the property from the Site (~150 m), the presence of this PCA is not anticipated to impact Phase One Property.
6	East of the Site	Explosives and Ammunition Manufacturing, Production, and Bulk Storage – A firearms and ammunition store was located at 14 Colonnade Road.	Street directory (1992)	Based on the down-gradient location of this PCA to the Site, the short duration that the business existed on the property (<5 years), and distance of the property from the Site (~150 m), the presence of this PCA is not anticipated to impact Phase One Property.

Based on the information obtained and reviewed as part of this Phase One ESA, none of the above PCAs were considered to contribute an APEC on the Site. Accordingly, a Phase Two ESA is not required at this time.

A response to Golder’s request for information from the Ministry of Natural Resources and Forestry was not available at the time of report preparation.



2.0 INTRODUCTION

2.1 Phase One Property Information

Golder Associates Ltd. (“Golder”) was retained by Myers Automotive Group (the “Client” or “Myers”) to conduct a Phase One Environmental Site Assessment (“Phase One ESA”) of the following property:

Municipal Address	None
Property Identification Number	Parts of PIN 04052-0824 and 04052-0804
Legal Description (As received from Myers)	<p>Firstly: PART OF LOT 30, CONCESSION A, RIDEAU FRONT, NEPEAN, BEING PARTS 2,10,11,12,13,14,18,19,20, and 28 on Plan 4R- : SUBJECT TO AN EASEMENT OVER PARTS 2,3 AND 4 ON PLAN 4R-16263 IN FAVOUR OF THE MUNICIPALITY OF OTTAWA-CARLETON AS IN NS62091, subject to easement in gross over Parts 2,3 and 14 on Plan 4R- . SUBJECT TO EASEMENT OVER PART 3 ON PLAN 4R-162363 IN FAVOUR OF THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON AS IN NS74905: SUBJECT TO AN EASEMENT IN GROSS OVER PARTS 1 AND 3 ON PLAN 4R-26298 AS IN OC1391097, SUBJECT TO AN EASEMENT OVER 1, 2, 3 AND 12 ON PLAN 4R-27598, IN FAVOUR OF PART OF LOT 30, CONCESSION A, RIDEAU FRONT, NEPEAN, BEING PARTS OF 6 TO 11 ON PLAN 4R-27598 AS IN OC1549701.</p> <p>And Secondly: PART LOT 30, CONCESSION A, R.F. NEPEAN PART 1 PLAN 4R21470, EXCEPT PART 4 PLAN 4R26017, CITY OF OTTAWA AS OUTLINED IN PINK ON THE DRAFT PLAN ATTACHED HERETO AS SCHEDULE “A”, and all services, structures and other fixed improvements located on, in, or under such lands hereto being approximately 8.82 acres which are subject to a reciprocal easement and operating agreement (“REOA”) with the adjacent lands which the Purchaser agrees to be bound to on Closing by executing an assumption agreement as required by the REOA.</p>

The Site location is provided on Figure 1. A Site plan is provided on Figure 2. A plan of survey for the Site is provided in Appendix A.

Authorization to proceed with this investigation was received from Mr. David Traher of Myers on 20 September 2016. The contact information for the Phase One Property owner is:

Site Owner / Client	Address	Contact Information
Owner: Myers Automotive Group Client/Representative: David Traher, Myers Automotive Group	1200 Baseline Road Ottawa, ON K2C 0A6	Mr. David Traher Office: (613) 225-CARS (2277) Email: dtraher@myers.ca

3.0 SCOPE OF INVESTIGATION

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



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

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

4.0 RECORDS REVIEW

4.1 General

4.1.1 Phase One Study Area Determination

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

4.1.2 First Developed Use Determination

The Site has never been developed. It has been vacant or used for agricultural purposes since at least 1950.

4.1.3 Fire Insurance Plans

Research was carried out at the National Archives in Ottawa, Ontario to review fire insurance plans or drawings for the Site. No FIPs were available for the Site.

4.1.4 Chain of Title

A chain of title search was not provided for review for this Phase One ESA.

4.1.5 City Directories

A review of historical city directories for the years 1961, 1966, 1971, 1976, 1981-82, 1987, 1992, 1996/97, 2001/02, 2006-07, and 2011 was completed by Environmental Risk Information Services (ERIS) for the Phase One Property and surrounding properties (within 250 m) along Colonnade Road, Merivale Road, and Viewmount Drive.

Based on Golder’s review of the city directory information, the following summarizes the noteworthy findings of the city directory review.

Phase One Property

As the Phase One Property was not registered with a municipal address there was no record in the city directories.



Surrounding Area

Table 1: Summary of Street Directory Listings of Note for the area surrounding the Site from 1961-2011

Year	Surrounding Property Direction			
	North	East	South	West
1961	UNLISTED	UNLISTED	UNLISTED	UNLISTED
1966-1981/82	Adjacent - Merivale High School - Merivale Centennial Arena	UNLISTED	UNLISTED	UNLISTED
1987	Adjacent - Merivale High School - Merivale Centennial Arena	Adjacent - Various Commercial	UNLISTED	UNLISTED
1992	Adjacent - Merivale High School - Nepean Parks and Recreation - Multi-Tenant Residential	Adjacent - Various Commercial Noteworthy - E M C O N Emanation Control - Laserfill Cartridge Corporation - Royal Ordnance	UNLISTED	UNLISTED
1996/97	As per 1992	Adjacent - Various Commercial	UNLISTED	UNLISTED
2001/02	As per 1996/97	Adjacent - Various Commercial Noteworthy - Atlantis Scientific Inc.	Adjacent - Mini Golf Gardens	UNLISTED
2006/07	As per 2001/02	Adjacent - Various Commercial Noteworthy - Atlantis Scientific Inc.	Adjacent - Mini Golf Gardens	UNLISTED
2011	As per 2006/07	Adjacent - Various Commercial	Adjacent - Mini Golf Gardens	UNLISTED

The review of the street directories indicated that the Site has never been listed, and the surrounding lands were used for commercial and light industrial activities. There is an inherent environmental risk associated with the Site and the neighbouring property land use. These listings specifically are considered issues of environmental concern:

- 14 Colonnade Road – E M C O N Emanation Control. Electronic and computer equipment manufacturing (1992 listing);



- 14 Colonnade Road – Laserfill Cartridge Corporation. Ink manufacturing, processing, and bulk storage (1992 listing);
- 14 Colonnade Road – Royal Ordnance. Explosives and ammunition manufacturing, production, and bulk storage (1992 listing); and,
- 20 Colonnade Road – Atlantis Scientific. Electronic and computer equipment manufacturing (2001/02 - 2006/07 listings).

4.1.6 Environmental Reports

The following environmental report related to the Site was provided by Myers to Golder:

- **“2006 Geotechnical Investigation”** Golder Associates Ltd. May 2006. *Preliminary Geotechnical Investigation Proposed Commercial Development Site Colonnade Road Ottawa, Ontario*. Prepared for Colonnade Development Inc.

Based on Golder's review of the “2006 Geotechnical Investigation”, the following are of note for the Site:

- Groundwater levels were taken at the adjacent properties to the east and west of the Phase One Property. The water levels measured were approximately 2.6 and 3.0 mbgs respectively.
- The Lynwood Collector Sewer which passes beneath the Site, extending from west to east, is tunneled at approximately 10 mbgs.
- The subsurface stratigraphy is made up of approximately 4 - 7 m of sand/silty sand, underlain by about 1 - 2 m of silty/clayey sand glacial till, and bedrock at 5.73 - 8.93 mbgs.

4.2 Environmental Source Information

4.2.1 Ministry of the Environment and Climate Change (MOECC)

The Ontario Ministry of Environment and Climate Change was contacted (refer to copy of correspondence in Appendix B) to provide an Index Report with respect to active orders and approvals for the Site as detailed below:

- Active orders under the Environmental Protection Act (EPA), the Ontario Water Resources Act (OWRA), and the Pesticides Act (PA); and,
- Approvals under Sections 9 and 39 of the EPA as well as Sections 52 and 53 of the OWRA.

A formal response from Johanne Veilleux of the MOECC was received on February 23, 2017. Approvals were issued under Section 53 OWRA (Municipal/Private/Industrial Sewage) to Corp. of the City of Nepean and Ashcroft Homes - Citi Place Inc. in 2002 and 2009 respectively. There were no other approvals or any active orders outstanding for the Site.

4.2.2 Ministry of Natural Resources and Forestry (MNR)

Ontario's Ministry of Natural Resources and Forestry (MNR) was asked to search their records for the following:

- Information about areas of natural significance in the vicinity of the Site; and,
- Any other environmental concerns related to the Site and surrounding area.



At the time of writing this report, a response from MNRF had not been received. If a response is received within 12 months of the request submittal, Golder will review the response and advise of any noteworthy findings.

4.2.3 Technical Standards and Safety Authority, Fuel Safety Division Records

The Technical Standards and Safety Authority (“TSSA”) maintains records related to registered underground storage tanks (“USTs”) for petroleum-related products. The TSSA was contacted to establish the status of the Site and adjacent properties to identify outstanding instructions, incident reports, fuel oil spills or contamination records. On 30 January 2016, TSSA reported via e-mail that there were no records on file pertaining to the Site.

4.2.4 Intera Industrial Site Mapping Report

Prior to the 2001 amalgamation, the City did not have a consolidated database of environmental concerns for City properties and typically referred all inquiries to the *1988 Mapping and Assessment of Former Industrial Sites, City of Ottawa, Intera Technologies Ltd.* (hereafter known as the “1988 Intera Report”). This report describes an inventory and assessment study of former industrial sites that were active in the former (prior to the 2001 amalgamation) City of Ottawa from 1850 to 1984 that likely produced or handled hazardous wastes and materials. The sites were subsequently screened to identify higher priority sites which were subdivided into Group I, Group II and Group III sites.

- Group I Sites – Sufficient evidence to indicate that wastes are present on-Site and that there is a high potential for environmental impact;
- Group II Sites – Sufficient evidence to indicate that wastes are likely remnant on-Site; and,
- Group III Sites – Unlikely that significant quantities of waste exist at the Site today and therefore the potential for environmental impact is minimal.

Since the Site was not within the former City of Ottawa municipal boundary (prior to 2001 amalgamation), a review of the 1988 Intera report was not performed as a part of this Phase One ESA.

4.2.5 Review of the 2004 City of Ottawa Waste Disposal Sites Inventory

The review of the 2004 City of Ottawa Waste Disposal Sites Inventory as described in the report entitled “*Old Landfill Management Strategy, Phase 1-Identification of Sites, City of Ottawa, Ontario*”, completed by Golder for the City of Ottawa, dated October 2004 indicated that the Site is not registered as an active or closed waste disposal site and that no active or closed waste disposal sites are located within 1 km of the Site.

4.2.6 EcoLog ERIS Report

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

No records were reported for the Phase One Property, however based on the map provided within the EcoLog Report, it appears that there is an error and four boreholes are on the Phase One Property. This can be seen in the EcoLog report in Appendix C. These boreholes were drilled from 1971-1973 and ranged in depth from 4.3 - 14 meters below ground surface (mbgs). Stratigraphy of the boreholes comprised of approximately 4 – 10 m of silty sand overlying 1 - 5 m of glacial till atop dolostone/sandstone bedrock. Groundwater was noted at depths of 2 - 3.7 mbgs.



Noteworthy records reported for the Phase One ESA Study Area (excluding the Phase One Property) included the following:

- Beyond the four boreholes considered to be on the Phase One Property, five additional boreholes were noted in the Phase One Study Area. These boreholes ranged in depth from 4.9 to 25.3 mbgs.
- Shell Canada Products Ltd, was reported to have had a spill of 30L of coolant in 2007. Additionally, it had waste generator codes for petroleum products, light fuels, and oil skimmings from 1986-1990.
- Five water wells were noted in the report within the Phase One Study Area. It was reported that one water well was advanced northeast of the Phase One Property in 2009 as an observation well to a depth of 2.21 mbgs. Stratigraphy of the well comprised of clayey/silty sand and dolomite bedrock. Depth to bedrock was noted at 1.27 m. Groundwater was not described. It was also reported that one water well was advanced south of the Phase One Property in 1960 for domestic purposes to a depth of 18.2 mbgs (60 feet). Stratigraphy of the well comprised of clay, till, and limestone bedrock. Depth to bedrock was 15.2 mbgs (50 feet) and groundwater at 17.9 mbgs (59 feet). The remaining wells are not deemed noteworthy given their distance from the Site; and,
- A Scott's Manufacturing Directory report noted that in 1988, 8 Colonnade Road occupied by Iogen Corporation, listed as manufacturing Pharmaceutical and Medicines as well as other basic organic chemicals.

The entries included addresses that were not in the Phase One Study Area. This was confirmed in aerial photograph review which confirmed that no plant has ever existed where the EcoLog report claims the Shell Property to be. As such the spill and waste generator codes associated with these entries are not considered to contribute to a PCA.

The manufacturing directory report for 8 Colonnade Road indicates that Iogen Corporation manufactured pharmaceuticals there. Pharmaceutical Manufacturing and Processing falls under O.Reg, 153/04 - Table 2 PCA 42 and therefore is considered to contribute to a PCA there.

No other PCAs were noted on-Site or in the Phase One Study Area based on the EcoLog ERIS report.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs

Aerial photographs for the Site for the years 1965, 1979, 1991, 1999, 2005, and 2011 from the City of Ottawa geo-map (<http://maps.ottawa.ca/geoOttawa/>) and 2016 from Google Earth, were reviewed on-line. In addition, selected aerial photographs for the Site were obtained from the National Air Photo Library (NAPL) in Ottawa, Ontario by Golder personnel for the years 1950, 1956, 1969, 1982, and 1995 in order to help develop an understanding of the history of the development of the Site and surrounding properties (within 250 m). Copies of the aerial photographs obtained from the NAPL are presented in Appendix D.



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Information obtained from the review of the aerial photographs is summarized in the following table.

Table 2: Summary of Air Photo Review Findings

Year	Site	Surrounding Property Direction			
		North	East	South	West
1950	Agricultural land	Farm house and agricultural land	Agricultural land	Electrical transmission line, railway, and agricultural land	Hwy 17/Merivale Rd and agricultural land
1956	As per 1950	As per 1950	As per 1950	As per 1950	As per 1950
1965	As per 1956	Merivale High School was built, and the Howard Darwin Centennial Arena is under construction.	As per 1956	New electrical distribution lines built between Site and railway. New industrial facilities built south of railway	New residential suburb built across Merivale Rd.
1969	As per 1965	Arena completed and track added to high school.	As per 1969	Distribution line continued to the east and west.	As per 1965
1976	Site now vacant exposed soil as part of Colonnade Road development. Native material may have been reworked as fill.	As per 1969	Area has been stripped and is being prepared for the developed of Colonnade Road	Area south of railway has continued to be built up industrial and commercial buildings.	Construction staging area built along west side of the Merivale Rd.
1982	Vacant land	Residential development of 220 Viewmount Dr underway.	Colonnade Road completed. Commercial buildings built 300-500 m down the road from the Site.	Colonnade Road now directly south of Site.	Construction staging has been removed.
1991	As per 1982	216 and 212 Viewmount Dr residences built.	Numerous commercial and industrial facilities have been built along Colonnade Road. Land cleared adjacent to the Site.	New development under construction south of railway.	As per 1982



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Year	Site	Surrounding Property Direction			
		North	East	South	West
1995	As per 1991	As per 1991	As per 1991	33 and 43 Roydon PI commercial buildings built directly south of railway.	Not visible in photo
1999	As per 1995	As per 1995	As per 1995	Minigolf course built southwest of Site across Colonnade Rd.	As per 1991
2005	As per 1999	As per 1999	As per 1999	As per 1999	As per 1999
2011	As per 2005	As per 2005	As per 2005	As per 2005	As per 2005
2016	Fill from the grading of the Dow Honda lot to the west was stored in piles on-Site.	As per 2011	Canada Post facility built at 19 Colonnade Rd	As per 2011	Dow Honda Automotive Parts Store built adjacent to the Site.

Based on the aerial photographs, the Phase One Property appears to have included agricultural fields since at least 1946 up to 1976. Since 1976 the Site has been left as vacant land. In 1976 the Site was exposed as part of the Colonnade Road development. In 2016, piles of fill from the construction of the Dow Honda Lot can be seen along the west side of the Site, however it is understood that the fill is reworked native soil from the grading of the Dow Honda on the adjacent property to the west. All fill on-Site appears to be of known origin and therefore is not considered to contribute to a PCA on Site.



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The surrounding properties primarily included agricultural fields and associated structures until the 1970's when Colonnade Road was built. From 1976 onward, the area on all sides of the Site continued to be developed. The east as primarily commercial buildings, the north as residential, the west as commercial/residential, and the south as industrial/commercial.

The rail tracks identified south of the Site are classified as a PCA under O. Reg. 153/04 Table 2. Additionally, the Dow Honda, built west of the Site between 2011 and 2016, contains a vehicle repair shop that is considered a PCA. No other PCAs were identified within 250 m of the Site.

4.3.2 Topography, Hydrology and Geology

The following records were reviewed to identify topographic, geologic and hydrogeological conditions at the Site. A topographic map (Ontario Base Map) showing the Site area and the location of any water bodies is provided in Figure 3. Additional information on Site features, as observed at the time of the Site visit, is provided in Section 6.

Topic	Conditions	Comment / Source
Topography of Site and Surrounding Area	The topography of the Site and surrounding areas was generally flat With a slight increase in grade to the north and slight decrease in grade to the south.	GeoOttawa Topography Map Site and surrounding area observations
Overburden Soils	Offshore Marine Deposits: Clay and Silt underlying erosional terrace.	<i>Geological Survey of Canada</i> , Bélanger, J. R. , Urban Geology of the National Capital Area, Open File D3256, 2001;
Type of Bedrock	Oxford Formation: Sublithographic to fine crystalline dolostone.	<i>Geological Survey of Canada</i> , Bélanger, J. R. , Urban Geology of the National Capital Area, Open File D3256, 2001;
Depth to Bedrock	The Site has a drift thickness of approximately 10-15 m with the exception of the southeast corner of the Site which has a drift of approximately 15-25 m.	<i>Geological Survey of Canada</i> , Bélanger, J. R. , Urban Geology of the National Capital Area, Open File D3256, 2001;
Inferred Near Surface Groundwater Flow	Local groundwater is anticipated to flow in a west to north direction towards the Nepean Creek, and regional groundwater is anticipated to flow in a east direction towards the Rideau River.	GeoOttawa Base Map. City of Ottawa and Terranet Enterprises Inc.
Site Grade Relative to the Adjoining Properties	The Site appears to at grade with the lands to the east and west. There is a slight (2 m) increase in grade to the north and slight (2 m) decrease in grade to the south.	GeoOttawa Topography Map Site observations
Depth to Groundwater	2 – 3.7 mbgs (as per 1973 boreholes)	EcoLog ERIS Report



4.3.3 Fill Materials

Topic	Conditions	Comment / Source
Fill Materials	Fill is noted on Site in the 1976 air photo during the sewer and road alignment of Colonnade. Disturbed soil and spotty vegetation noted along the western side of the Site in 2016. Likely due to fill piles which were on-Site during the construction of Dow Honda to the west.	Aerial photographs

4.3.4 Water Bodies and Areas of Natural Significance

Topic	Conditions	Comment / Source
Nearest Open Water Body	The Nepean Creek runs north adjacent to the Site. The Rideau River is located 2km east of the Site.	GeoOttawa Base Map
Areas of Natural Significance (“ANSI”)	None identified within the Phase One Study Area.	

4.3.5 Well Records

Topic	Conditions	Comment / Source
Water Wells on Site (location, stratigraphy of the overburden, from ground surface to bedrock, depth to bedrock, depth to water table, drilling date, use)	None reported or observed. No wells were identified on the Site that are used or intended for use as a source of water	EcoLog ERIS Report and Site observations
Water Wells on the Neighbouring Properties (location, stratigraphy of the overburden, from ground surface to bedrock, depth to bedrock, depth to water table, drilling rate, use)	Five water wells were reportedly advanced within 250 m of the Site. Stratigraphy of the wells included clayey/silty sand, overlying glacial till, and dolomite bedrock. The wells were drilled to depths ranging from 2.2 m to 18.2 m below grade. Bedrock was observed between 1.27 m to 15.1 m below grad. Depth to water table was between 2.1 m to 3.5 m below grade. The wells were drilled between 1960 and 2011, four for monitoring purposes and one for domestic use.	EcoLog ERIS Report

4.4 Site Operating Records

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



5.0 INTERVIEWS

Mr. David Traher of Myers (hereinafter referred to as the “Site representative”), responded to environmental questions related to the Site on 8 February 2016 during the Site Visit. Pursuant to the requirements O.Reg. 153/04, the Site representative was interviewed as the “current owner” with knowledge of current Site operations.

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

6.0 SITE RECONNAISSANCE

6.1 General Requirements

Alex Wood (Environmental Consultant) of Golder visited the Site for one hour on 8 February 2017 at 9:00 am. The Site visit consisted an interview with Mr. David Traher of Myers Automotive Group, and a visual assessment of the Site from the perimeter of the Site. Due to extensive snow cover on the Site, a proper Site walkthrough was not possible. A cursory inspection of surrounding properties from the Site and publicly accessible areas was also completed. The weather conditions were sunny and the temperature was approximately -2°C. The Site was undeveloped and vacant at the time of the Site visit.

Photographs of relevant features noted during the Site visit are provided in Appendix E.

6.2 Specific Observations at Phase One Property

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

Topic	Observations	Source
Structures Number and Age of Buildings on the Site	No buildings or structures were present at the Site.	Site observations
General Descriptions of Each Building (including improvements	No buildings or structures were present at the Site.	Site observations
Building Areas	No buildings or structures were present at the Site.	Site observations
Number of Floors (include all levels, whether above or below ground)	No buildings or structures were present at the Site.	Site observations
Number, Age, and Depth of Levels Below Ground Level	No buildings or structures were present at the Site.	Site observations
Number and Details of all Aboveground Storage Tanks (“ASTs”)	No ASTs were observed or reported on the Phase One Property.	Site observations and Site Representative
Number and Details of all Underground Storage Tanks (“USTs”)	No USTs were observed or reported on the Phase One Property.	Site observations and Site Representative
Underground Utilities Potable and Non-Potable Water Sources	Potable water is available to the Site by the City of Ottawa but no hookup has been made on Site.	Site Representative



**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
COLONNADE ROAD, OTTAWA, ON**

Topic	Observations	Source
Utility Lines Present (i.e. Electrical, Natural Gas, other)	Overhead utility lines are present across the north side of the property as well as just south of the Phase One Property.	Site Observations
Sanitary/Process Wastewater Receptor	A deep sewer easement run west to east beneath the Site at an approximate depth of 10 mbgs.	Site Representative and 2006 Geotechnical Investigation
Sanitary Sewer Connection	No sanitary sewer connection is available at the Site.	Site observations, Site representative
Septic Systems	None identified.	Site observations, Site representative
Storm Water Flow	Infiltration.	Site observations
Storm Sewer Connection	No storm sewer connection is available at the Site.	Site observations, Site representative
Interior of Structures Entry and Exit Points for Site Buildings	No buildings or structures were present at the Site.	Site observations
Existing and Former Heating System(s) (include fuel type / source)	As no buildings or structures were present at the Site there were no existing heating systems observed or reported.	Site observations, Site representative
Existing and Former Cooling System(s) (include fuel type / source)	As no buildings or structures were present at the Site there were no existing cooling systems observed or reported.	Site observations, Site representative
Drains, Pits, and Sumps (include current use, if any, and former use)	As no buildings or structures were present at the Site there were no drains, pits, or sumps observed or reported.	Site observations, Site representative
Unidentified Substances	None identified.	Site observations
Floor Stains or Corrosion Located near a Potential Discharge Location	None identified.	Site observations
Miscellaneous Exterior Location of any Current and Former Wells	None identified.	Site observations
Ground Cover (i.e. grass, gravel, soil, or pavement, etc.)	The entirety of the Phase One Property was covered with snow, but tall vegetation could be seen across the Site.	Site observations
Current or Former Railway Lines or Spurs	None observed or reported.	Site observations.
Presence of Stained Soil, Vegetation, or Pavement	Could not be observed due to snow cover.	Site observations
Presence of Stressed Vegetation	Could not be observed due to snow cover.	Site observations
Areas Where Fill and/or Debris Materials Appear to Have Been Placed	Fill was noted along west side in aerial photos but could not be confirmed during visit due to snow cover.	Site observations and aerial photos



Topic	Observations	Source
Potentially Contaminating Activity	None	Site observations and aerial photos
Unidentified Substances	None identified.	Site observations

6.2.1 Enhanced Investigation Property

The Site is not considered to be an enhanced investigation property.

6.3 Surrounding Land Use

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

The surrounding properties include residential, commercial, institutional, and light industrial land uses, as illustrated on Figure 2.

North (cross-gradient): The area to the north contains an arena, high school, and multi-tenant residential buildings.

East (cross-gradient): The property directly adjacent to the east is owned by Myers and is also undeveloped, beyond that is a Canada Post service centre. To the southeast and the rest of the eastern region is various commercial and light industrial buildings.

West (cross gradient): The property to the west is Dow Honda, new and used car lot. Beyond that is Merivale Road and undeveloped land.

South (downgradient): Colonnade Road is adjacent to the Site, and a mini golf course is directly opposite to the Site. A railway runs east-west south of the mini golf course. South of the tracks the land use is primarily industrial and commercial.

6.4 Written Description of Investigation

At the time of the Site reconnaissance, conducted on February 8, 2017, the Site consisted of a 0.74 hectare parcel of undeveloped land. No buildings or structures were noted on the Phase One Property. The surrounding properties within the Phase One Study Area included commercial, residential, institutional, and light industrial land use.

The Site was covered in more than 30 cm of snow which impeded the ability to perform a Site assessment. It was not deemed safe to proceed onto the Site due to potentially obscured slips, trips, and fall hazards.

There were no findings from the Site that indicate a PCA on-Site. Area reconnaissance revealed off-Site property uses consistent with PCAs including Dow Honda to the west which does vehicle maintenance and repair. No additional information was obtained relevant to APECs on-Site.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses of the Site

The Site was previously used for agricultural purposes or has been vacant since Crown Ownership in 1802 to the present. The Phase One Property is currently vacant with no buildings or structures.



7.2 Potentially Contaminating Activity

Any PCA on the Phase One Property or in the Phase One Study Area may require the identification of an area of potential environmental concern (“APEC”) and trigger the need for a Phase Two ESA to support the filing of a Record of Site Condition. The following PCAs were identified on the Phase One Property or in the Phase One Study Area:

ID on Figure 2	Location	O.Reg. 153/04 Table 2 - Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Property				
None				
Phase One Study Area (Excluding Phase One Property)				
1	South of Site	46. Railyards, Tracks and Spurs – A Canadian National Railway corridor is located 150 m south of the Site.	Aerial photographs and Site observations	Given that the nature of impacts associated with this PCA typically do not migrate through groundwater, the cross-gradient position from the Site, and the distance between the PCA and the Site (175 m) it is not anticipated to impact the Phase One Property.
2	Adjacent to the west of the Site	52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material, used to maintain transportation systems – Dow Honda vehicle service centre on the adjacent property to the west, 1 Colonnade Road.	Aerial photographs and Site observations	While this PCA is located directly adjacent and upgradient of the Site, based on its short service duration (<2 years) it is not anticipated to have impacted the Phase One Property.
3	Southeast of the Site	42. Pharmaceutical Manufacturing and Processing – Iogen Corporation at 8 Colonnade Road manufactured pharmaceuticals.	EcoLog ERIS Report	Based on the down-gradient location of this PCA to the Site, and distance of the property from the Site (~100 m), the presence of this PCA is not anticipated to impact Phase One Property.
4	East of the Site	19. Electronic Computer Equipment Manufacturing – Businesses historically located at 14 and 20 Colonnade have been in the computer equipment manufacturing business.	Street directory (1992, 2001/02, 2006/07)	Based on the down-gradient location of this PCA to the Site, the short duration that these businesses existed on the properties (<10 years), and distance of the properties from the Site (~150 m), the presence of this PCA is not anticipated to impact Phase One Property.



**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
COLONNADE ROAD, OTTAWA, ON**

ID on Figure 2	Location	O.Reg. 153/04 Table 2 - Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Property				
5	East of the Site	31. Ink Manufacturing, Processing, and Bulk Storage – An ink cartridge company was located at 14 Colonnade Road.	Street directory (1992)	Based on the down-gradient location of this PCA to the Site, the short duration that the business existed on the property (<5 years), and distance of the property from the Site (~150 m), the presence of this PCA is not anticipated to impact Phase One Property.
6	East of the Site	Explosives and Ammunition Manufacturing, Production, and Bulk Storage – A firearms and ammunition store was located at 14 Colonnade Road.	Street directory (1992)	Based on the down-gradient location of this PCA to the Site, the short duration that the business existed on the property (<5 years), and distance of the property from the Site (~150 m), the presence of this PCA is not anticipated to impact Phase One Property.

7.3 Areas of Potential Environmental Concern

None of the PCAs noted are considered to contribute to an APEC on-Site.

7.4 Conceptual Site Model

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

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

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

- Site consisted of five parts of Lot 30 Concession A which are a combined 0.74 hectares (7416 m² in area. No buildings were present;
- The Nepean Creek was identified within 30 m of the Phase One Study Area;
- Potable water in the vicinity of the Site is provided by the City of Ottawa. No potable water wells were identified on the Phase One Property. One active domestic well was reported north of the Phase One Property;



- At the time of the Phase One ESA, the Site was undeveloped and vacant. Historically, the Site has been used solely for agricultural purposes since at least 1950. There is no indications that the Phase One Property was used for an industrial use or any of the following commercial uses: vehicle garage, bulk liquid dispensing facility, or dry cleaning facility;
- The following relevant PCAs and contaminants of concern were identified on the Phase One Property or in the Phase One Study Area:
 - Rail Yard, Tracks and Spurs – A rail track runs east-west 150 m south of the Phase One Property (metals);
 - Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems – Car dealership and repair shop is located in a commercial building at 1 Colonnade Road, adjacent to the west of the Site (PHCs, PAHs, and BTEX);
 - Pharmaceutical Manufacturing and Processing – A pharmaceutical manufacturing company was once located at 8 Colonnade Road, southeast of the Site (VOCs);
 - Electronic and Computer Equipment Manufacturing – Several electronic manufacturing companies have been located at 14 and 20 Colonnade Road, east of the Site (PCBs and VOCs);
 - Ink Manufacturing, Processing, and Bulk Storage – An ink refill depot was located at 20 Colonnade Road, east of the Site (metals); and,
 - Explosives and Ammunition Manufacturing, Processing, and Bulk Storage – A gun and ammunition store was located at 8 Colonnade, southeast of the Site (metals).
- A deep sewer line which crosses approximately ten meters beneath the Site running west-east is known to be present at the Phase One Property;
- Soil at the Site consists primarily of sand to silty sand with boulders (glacial till) underlain by limestone bedrock;
- Local groundwater is anticipated to flow in a northeast direction towards the Nepean Creek (located approximately 20 m southwest of the Site), and regional groundwater is anticipated to flow in a east direction towards the Rideau River (located approximately 2 km east of the Site).

7.4.1 Uncertainty and Absence of Information

Responses to Golder's request for information from the MNRF was not available at the time of writing this report.

The Site was covered in greater than 30 cm of snow at the time of the Site visit. As such, the Site visit was unable to confirm ground condition, staining, stressed vegetation, or low lying infrastructure.

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

8.0 CONCLUSIONS

Based on the information obtained and reviewed as part of this Phase One ESA, no APECs were identified in association with the Site. Accordingly, a Phase Two ESA is not required at this time.



9.0 REFERENCES

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

Source	Date
Ontario Regulation 153/04 as amended	1 January 2014
Canadian Standards Association Document Z768-01 (R2012) 'Phase One – Environmental Site Assessments'	November 2001
Belanger J. R., <i>Urban Geology of the National Capital Area</i> , Ottawa, Ontario, Geological Survey of Canada, Open file D3256, 2001	2010
Belanger J. R., <i>Urban Geology of the National Capital Area</i> , Ottawa, Ontario, Geological Survey of Canada, Open file 531, 1 DVD	2008
Chapman, L.J. and Putnam, D.F. <i>Physiography of Southern Ontario</i> ; Ontario Geological Survey, Miscellaneous Release-Data 228	2007
Armstrong, D.K. and Dodge, J.E.P. <i>Paleozoic Geology of Southern Ontario</i> ; Ontario Geological Survey. Miscellaneous Release-Data 219	2007
<i>Golder Associates Ltd. GIS Database</i> (Reference - Digital Basemap Data supplied by DMTI Spatial Inc., Canmap, 2006).	2006
Aerial Photographs - National Air Photo Library, Ottawa and the City of Ottawa geo-map (http://maps.ottawa.ca/geoOttawa/)	1950, 1956, 1969, 1982, and 1995. 1965, 1979, 1991, 1999, 2005, and 2011
EcoLog ERIS report	February 2017
Street Directories	February 2017
<i>Golder Associates Ltd. Preliminary Geotechnical Investigation Proposed Commercial Development Site Colonnade Road Ottawa, Ontario.</i>	May 2006

10.0 LIMITATIONS AND USE OF REPORT

This report (the "Report") was prepared for the exclusive use of Myers Automotive Group. ("Myers") for the express purpose of providing advice with respect to the environmental condition of the Site. In evaluating the Site, Golder Associates Ltd. ("Golder") has relied in good faith on information provided by others as noted in the Report. We have assumed that the information provided is factual and accurate. We accept no responsibility for any deficiency, misstatement or inaccuracy contained in this Report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted, or incomplete or inaccurate historical information from the various agencies. Any use which a third party makes of this Report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third party. If a third party requires reliance on this Report, prior written authorization from Golder is required. Golder disclaims any responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.



The scope and the period of Golder's assessment are described in this Report, and are subject to restrictions, assumptions and limitations. Except as noted herein, the work was conducted in accordance with the scope of work and terms and conditions of Golder's proposal. Golder did not perform a complete assessment of all possible conditions or circumstances that may exist at the Site referenced in the Report. Conditions may therefore exist which were not detected given the limited nature of the assessment Golder was retained to undertake with respect to the Site and additional environmental studies and actions may be required. In addition, it is recognized that the passage of time affects the information provided in the Report. Golder's opinions are based upon information that existed at the time of the writing of the Report. It is understood that the services provided for in the scope of work allowed Golder to form no more than an opinion of the actual conditions at the Site at the time the Site was visited, and cannot be used to assess the effect of any subsequent changes in any laws, regulations, the environmental quality of the Site or its surroundings. Asbestos and mould surveys were not performed. If a service is not expressly indicated, do not assume it has been provided.

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

11.0 CLOSURE

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

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

GOLDER ASSOCIATES LTD.

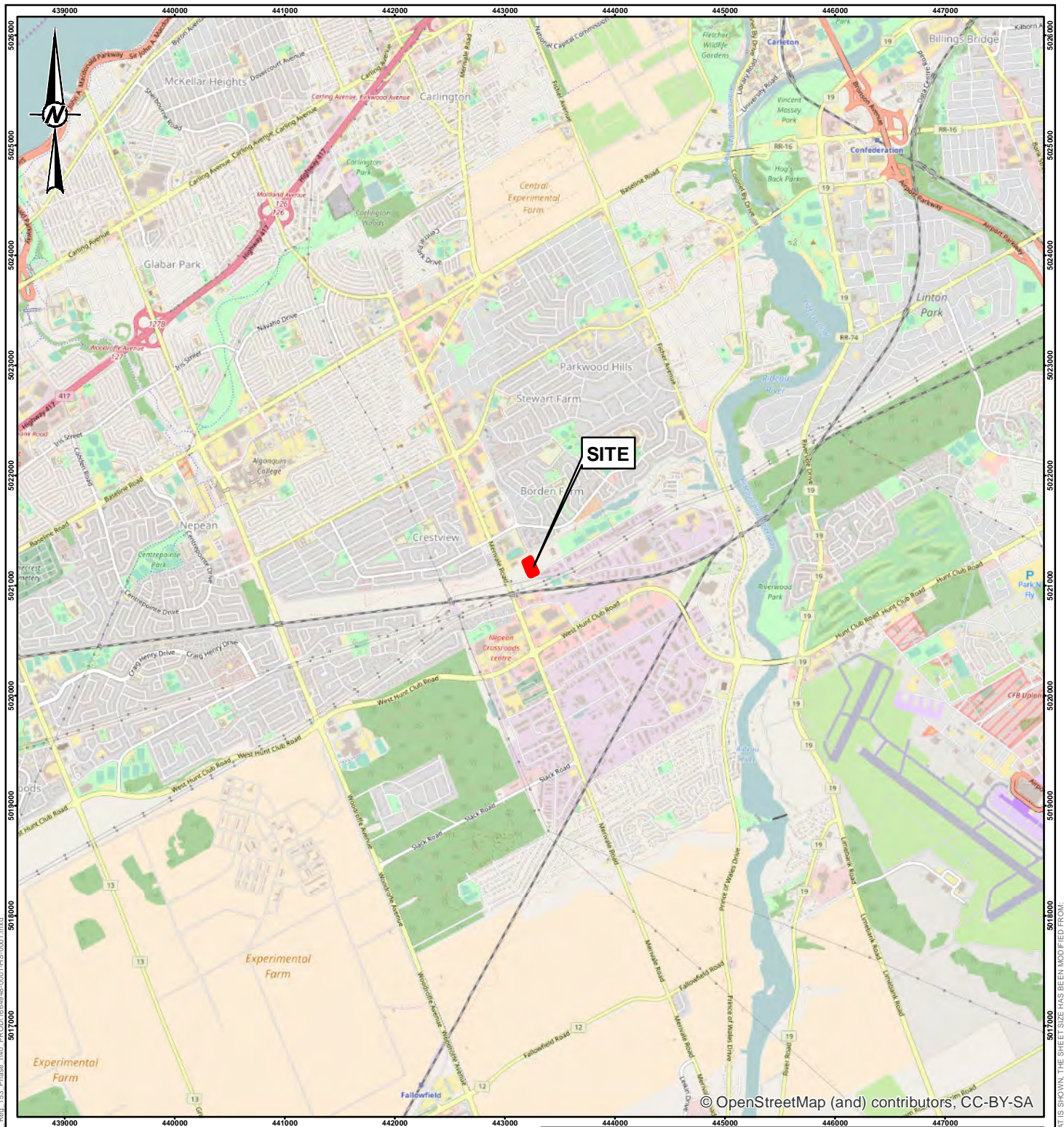
Alex Wood, EIT.
Environmental Consultant

Berend Jan Velderman, P. Geo.
Principal, QP ESA, RA.

AW/BJV/hw/mvrd


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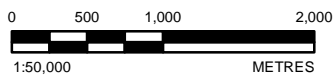
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LEGEND

 PHASE ONE SITE



NOTE(S)

1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1664948.

REFERENCE(S)

1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
COORDINATE SYSTEM: UTM ZONE 18 VERTICAL DATUM: CGVD28

CLIENT

MYERS AUTOMOTIVE GROUP

PROJECT

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
MYERS PROPOSED DEVELOPMENT AT COLONNADE ROAD
OTTAWA, ONTARIO

TITLE

KEY PLAN

CONSULTANT



YYYY-MM-DD 2017-03-03

DESIGNED ----

PREPARED PJM

REVIEWED RVWP

APPROVED BJV

PROJECT NO.
1664948

CONTROL
0001

REV.
1

FIGURE
1



LEGEND

- ROADWAY
- RAILWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA

POTENTIALLY CONTAMINATING ACTIVITY ("PCA")

- 1: Rail Tracks
- 2: Dow Honda (Storage maintenance and repair of vehicles)
- 3: Iogen Corporation (Pharmaceutical Manufacturing)
- 4: Electronics and Computer Equipment Manufacturing
- 5: Ink Manufacturing Processing and Bulk Storage
- 6: Explosives and Ammunition Bulk Storage

SURROUNDING LAND USE

- 7: Residential
- 8: Residential
- 9: Residential
- 10: Institutional
- 11: Community
- 12: Commercial
- 13: Commercial/Light Industrial
- 14: Commercial/Industrial

NOTE(S)

1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1664948.

REFERENCE(S)

1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES. © QUEENS PRINTER 2014
 2. BING IMAGERY SUPPLIED BY ESRI AND MICROSOFT © 2017 MICROSOFT CORPORATION AND ITS DATA SUPPLIERS
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 1:3,500 METRES

CLIENT
 MYERS AUTOMOTIVE GROUP

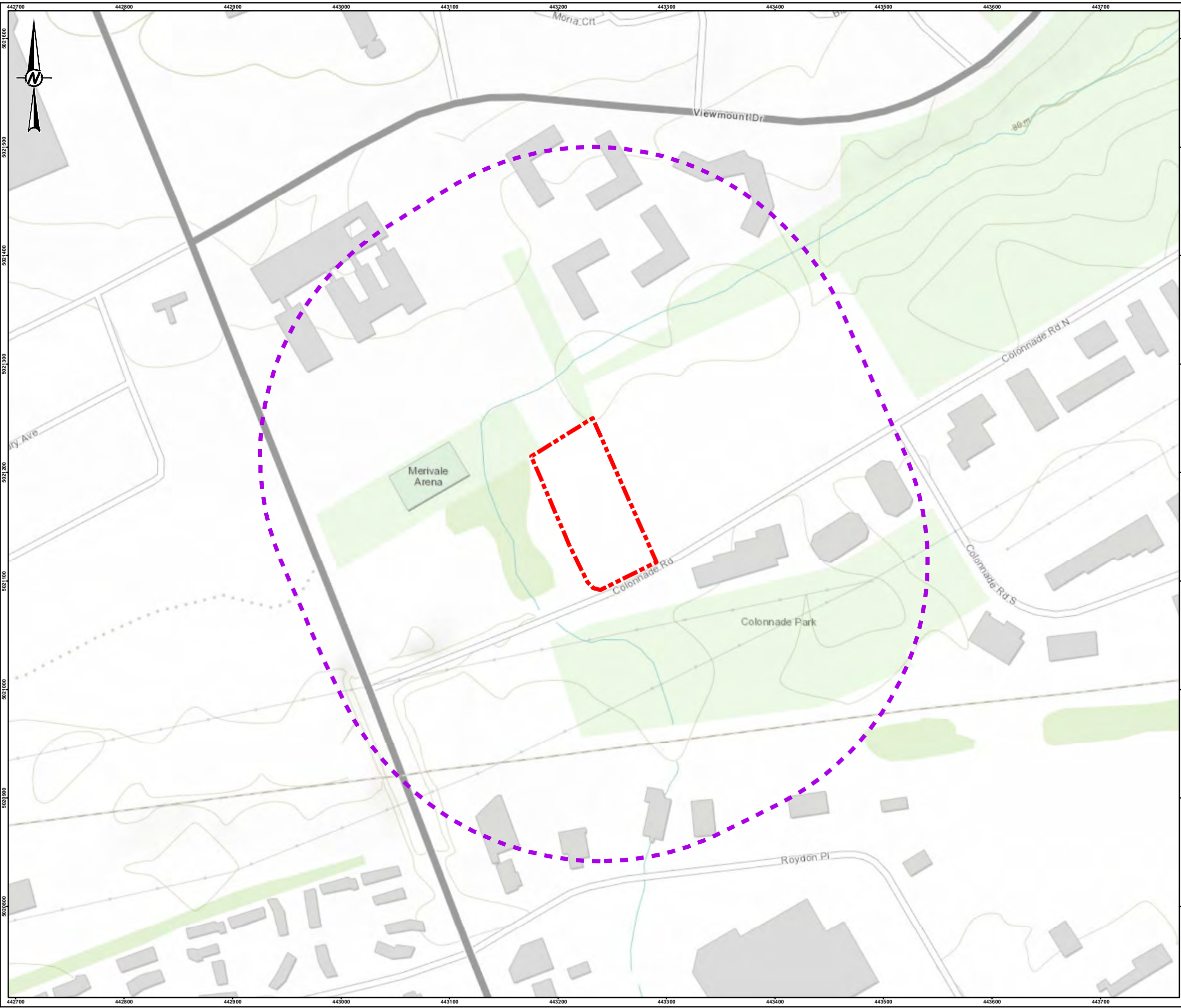
PROJECT
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 MYERS PROPOSED DEVELOPMENT AT COLONNADE ROAD
 OTTAWA, ONTARIO

TITLE
 SITE PLAN

CONSULTANT	YYYY-MM-DD	2017-03-03
DESIGNED	----	
PREPARED	PJM	
REVIEWED	RVWP	
APPROVED	BJV	

PROJECT NO. 1664948 CONTROL 0001 REV. 1 FIGURE 2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm



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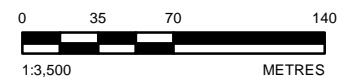
- PHASE ONE SITE
- PHASE ONE STUDY AREA

NOTE(S)

1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1664948.

REFERENCE(S)

1. SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, DELORME, TOMTOM, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEObASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), SWISSTOPO, MAPMYINDIA, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
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CLIENT
 MYERS AUTOMOTIVE GROUP

PROJECT
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 MYERS PROPOSED DEVELOPMENT AT COLONNADE ROAD
 OTTAWA, ONTARIO

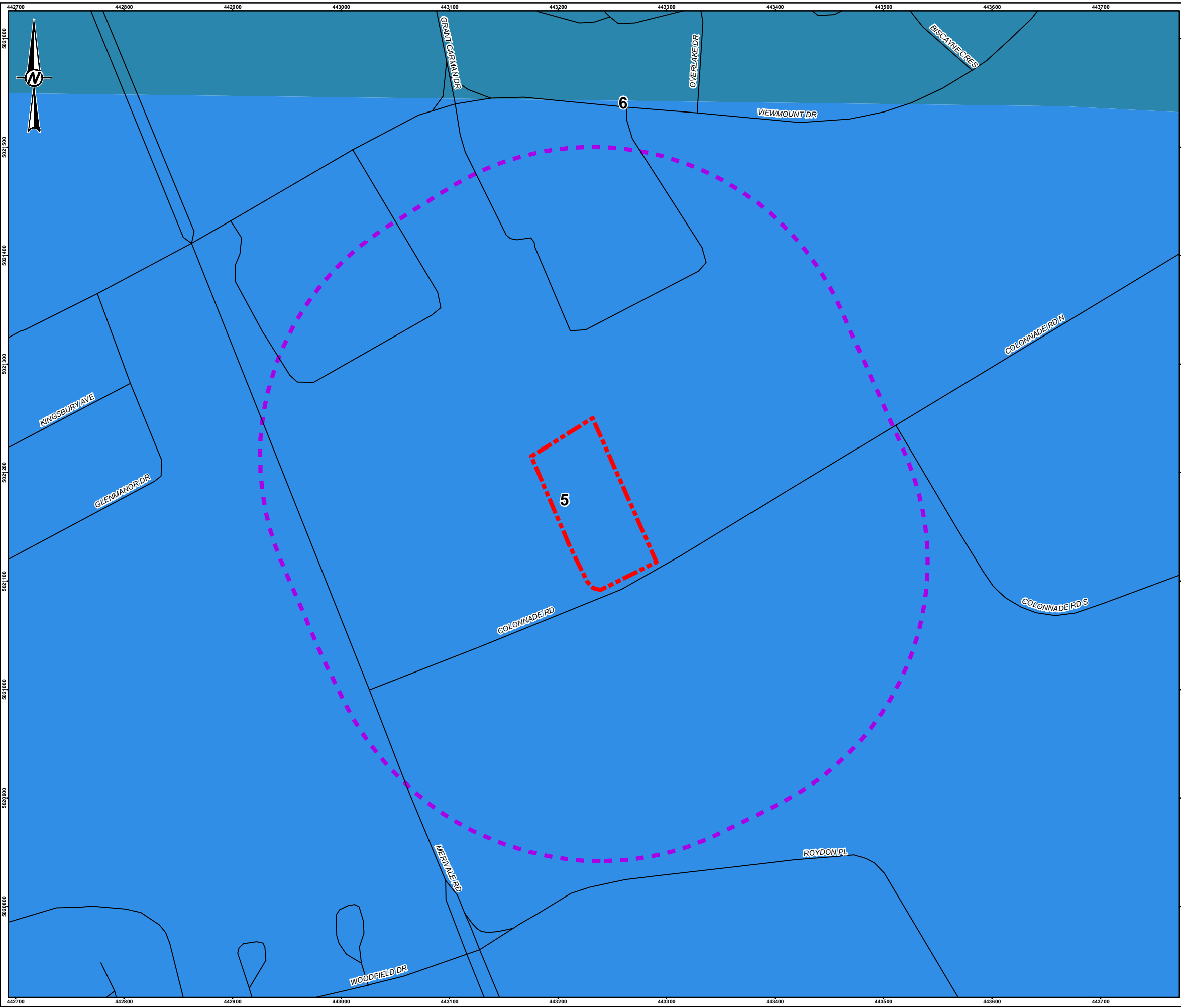
TITLE
TOPOGRAPHIC MAP AND AREAS OF NATURAL SIGNIFICANCE

CONSULTANT	YYYY-MM-DD	2017-03-03
	DESIGNED	---
	PREPARED	PJM
	REVIEWED	RVWP
	APPROVED	BJV

PROJECT NO. 1664948 CONTROL 0001 REV. 1 FIGURE **3**

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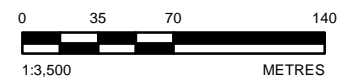
- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA
- 6: ROCKCLIFFE FORMATION
- 5: OXFORD FORMATION

NOTE(S)

1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1664948.

REFERENCE(S)

1. ARMSTRONG, D.K. AND DODGE, J.E.P. 2007. PALEOZOIC GEOLOGY OF SOUTHERN ONTARIO; ONTARIO GEOLOGICAL SURVEY, MISCELLANEOUS RELEASE--DATA 219
2. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2014
3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: UTM ZONE 18, VERTICAL DATUM: CGVD28



CLIENT
MYERS AUTOMOTIVE GROUP

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
MYERS PROPOSED DEVELOPMENT AT COLONNADE ROAD
OTTAWA, ONTARIO

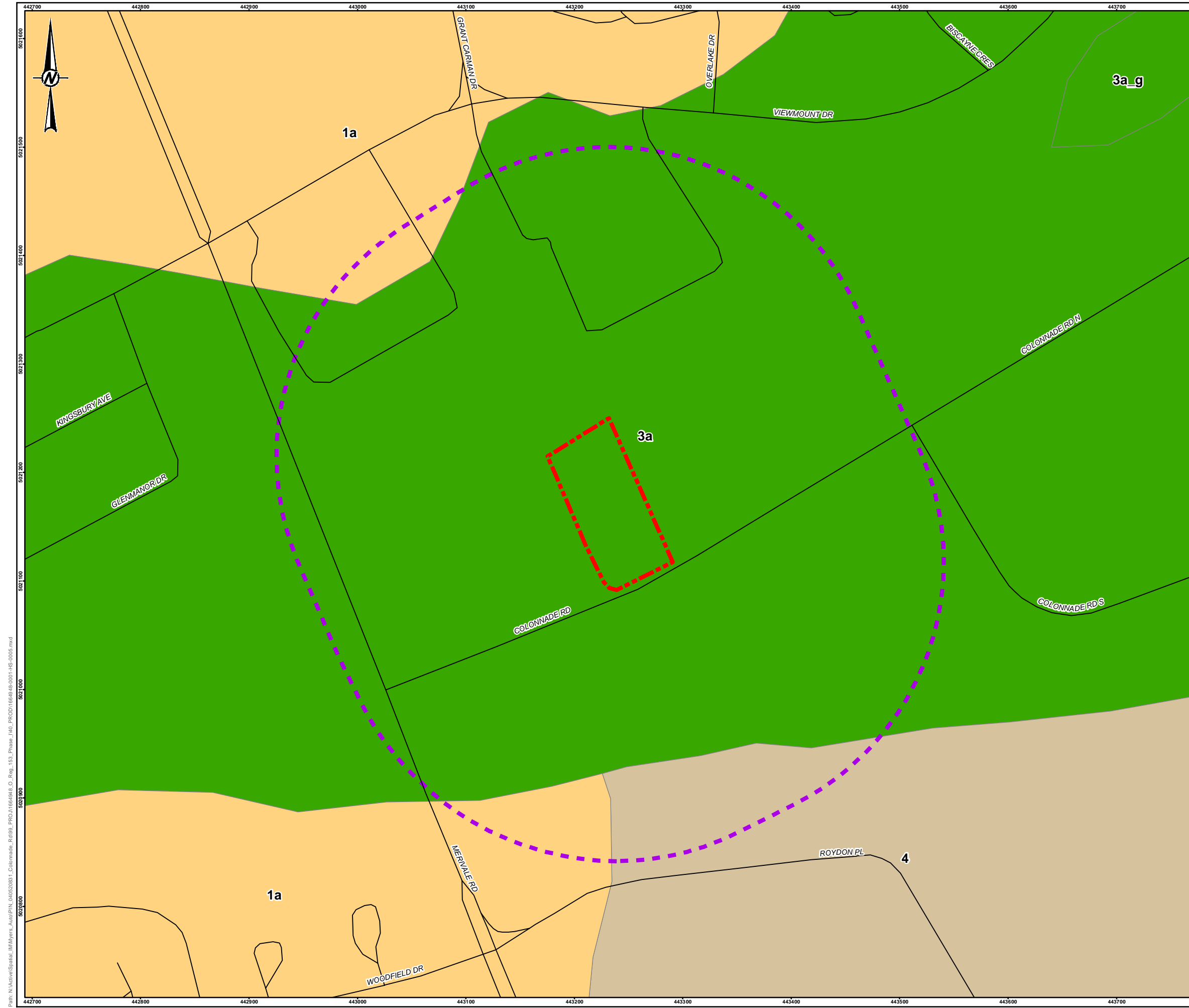
TITLE
BEDROCK GEOLOGY

CONSULTANT	YYYY-MM-DD	2017-03-03
	DESIGNED	---
	PREPARED	PJM
	REVIEWED	RVWP
	APPROVED	BJV

PROJECT NO. 1664948	CONTROL 0001	REV. 1	FIGURE 4
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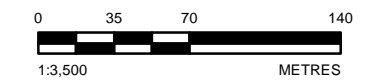


LEGEND

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA
- 4 4. DELTAIC AND ESTUARY DEPOSITS: MEDIUM TO FINE GRAINED SAND
- 3a 3a. OFFSHORE MARINE DEPOSITS: CLAY, SILT UNDERLYING EROSIONAL TERRACES
- 1a 1a. TILL, PLAIN WITH LOCAL RELIEF <5 m

NOTE(S)
 1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1664948.

REFERENCE(S)
 1. BÉLANGER, J. R. 2008 URBAN GEOLOGY OF THE NATIONAL CAPITAL AREA, GEOLOGICAL SURVEY OF CANADA, OPEN FILE 5311, 1 DVD.
 2. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2014
 3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: UTM ZONE 18, VERTICAL DATUM: CGVD28



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PROJECT
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 MYERS PROPOSED DEVELOPMENT AT COLONNADE ROAD
 OTTAWA, ONTARIO

TITLE
 SURFICIAL GEOLOGY

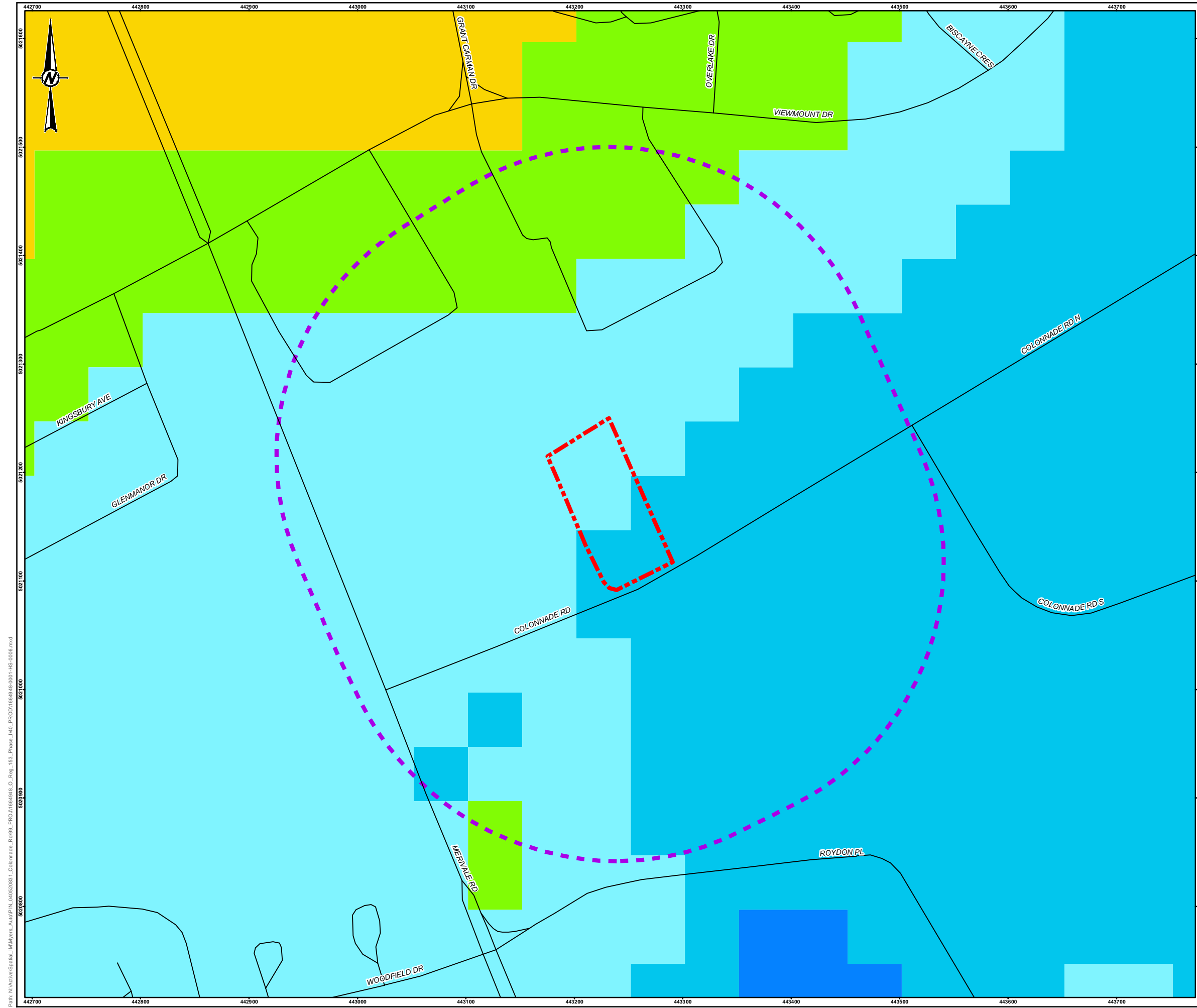
CONSULTANT

YYYY-MM-DD	2017-03-03
DESIGNED	----
PREPARED	PJM
REVIEWED	RVWP
APPROVED	BJV

PROJECT NO. 1670692 **CONTROL** 0001 **REV.** 1 **FIGURE** 5

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LEGEND

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA

TREND IN DEPTH TO BEDROCK (METRES)

- 0 to 1
- 1 to 2
- 2 to 3
- 3 to 5
- 5 to 10
- 10 to 15
- 15 to 25
- 25 to 50
- 50 to 100
- 100 to 200

NOTE(S)

- THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1664948.

REFERENCE(S)

- 2010 BÉLANGER, J. R., URBAN GEOLOGY OF THE NATIONAL CAPITAL AREA, GEOLOGICAL SURVEY OF CANADA, OPEN FILE D3256, 2001
- LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2014
- PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: UTM ZONE 18, VERTICAL DATUM: CGVD28



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MYERS AUTOMOTIVE GROUP

PROJECT
**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
MYERS PROPOSED DEVELOPMENT AT COLONNADE ROAD
OTTAWA, ONTARIO**

TITLE
DRIFT THICKNESS

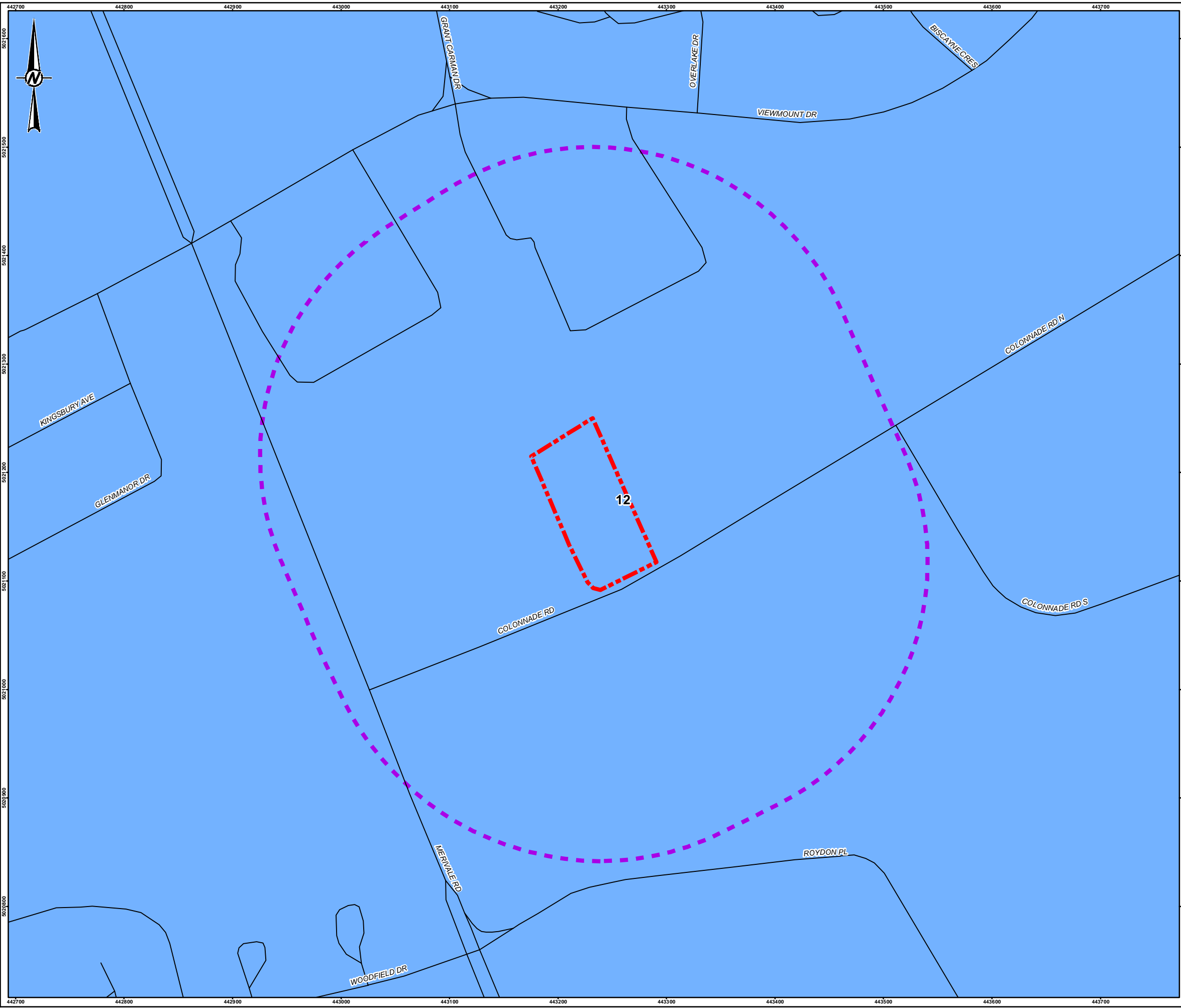
CONSULTANT
Golder Associates

YYYY-MM-DD	2017-03-03
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PREPARED	PJM
REVIEWED	RVWP
APPROVED	BJV

PROJECT NO. 1664948 CONTROL 0001 REV. 1 FIGURE 6

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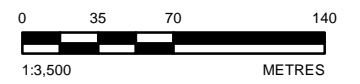
- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA
- 12: CLAY PLAINS

NOTE(S)

1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1664948.

REFERENCE(S)

1. CHAPMAN, L.J. AND PUTNAM, D.F. 2007. PHYSIOGRAPHY OF SOUTHERN ONTARIO; ONTARIO GEOLOGICAL SURVEY, MISCELLANEOUS RELEASE-DATA 228
2. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2014
3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: UTM ZONE 18, VERTICAL DATUM: CGVD28



CLIENT
MYERS AUTOMOTIVE GROUP

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
MYERS PROPOSED DEVELOPMENT AT COLONNADE ROAD
OTTAWA, ONTARIO

TITLE
PHYSIOGRAPHY MAP

CONSULTANT	YYYY-MM-DD	2017-03-03
	DESIGNED	---
	PREPARED	PJM
	REVIEWED	RVWP
	APPROVED	BJV

PROJECT NO. 1664948	CONTROL 0001	REV. 1	FIGURE 7
------------------------	-----------------	-----------	--------------------

Path: N:\Media\Spatial\IM\Myers_Auto\PIN_04022017_Colonnade_Rd\09_PROD\1664948_0_Reg_152_Phase_1_M0_PROD\1664948_001-HS-0007.mxd

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



APPENDIX A

Plan of Survey

REQUIRE THIS PLAN TO BE REGISTERED IN THE LAND TITLES ACT. DATE: June 2, 2014

PLAN 4R-2795

E.H. HERWEYER
ON-TARIO LAND SURVEYOR

R. MATA
REPRESENTATIVE FOR THE LAND REGISTRAR FOR THE LAND TITLES DIVISION OF OTTAWA-CARLETON NO. 4.

SCHEDULE		PIN
PART 1	LOT	04052
PART 2	CONVESSION	
PART 3		
PART 4	A (Rideau Front)	04052-0824
PART 5		
PART 6	30	
PART 7		

Parts 2, 3 and 4, Subject to Easement Inst. NS82891.
Part 3, Subject to Easement Inst. NS74895.
Part 6, Subject to Easement Inst. OC1391097.

**PLAN OF SURVEY OF
PART OF LOT 30
CONVESSION A (Rideau Front)
Geographic Township of Nepean
CITY OF OTTAWA**

Surveyed by Annis, O'Sullivan, Vollebek Ltd.

Scale 1:400

Metric
DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

Surveyor's Certificate
(CERTIFY THAT:

- This survey and plan are correct and in accordance with the Surveys Act, the Surveyors Act and the Land Titles Act and the regulations made under them.
- This survey was completed on the 27th day of May, 2014.

June 2, 2014
D.N.R.
E. H. Herweyer
Ontario Land Surveyor

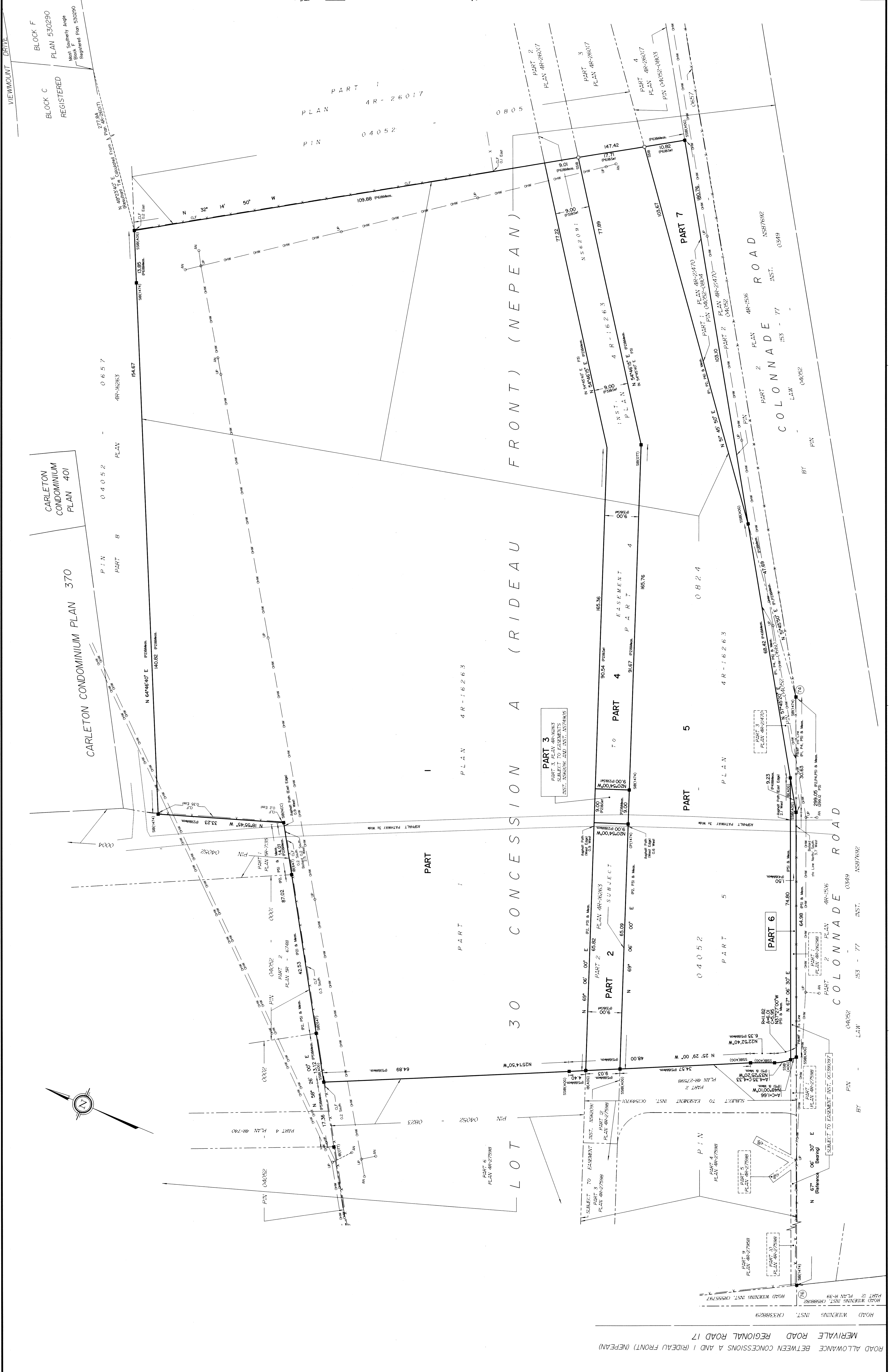
- Notes & Legend**
- Dashed line: Survey Monument Planted
 - SB: Standard Iron Bar
 - SFB: Short Standard Iron Bar
 - WT: Wire Tap
 - WTB: Wire Tap Bolt
 - ADG: Ankle, O'Sullivan, Vollebek Ltd.
 - PL: Plan 4R-1470
 - PL: Plan 4R-1623
 - PL: Plan 4R-3335
 - PL: Plan 4R-2798
 - PL: Plan 4R-2807
 - PL: Plan 4R-2817
 - CLF: Chain Link Fence
 - Anchor
 - O.A.N.: Overhead Air Line
 - U.P.W.: Utility Pole
 - C.W.V.: Overhead Wires

Distances shown on this plan are ground distances and can be converted to grid distances by multiplying by the combined scale factor of 0.99994.

Being the MTM 83 datum, the summary plan of Part 5, Plan 4R-1623 and Part 6, Plan 4R-3335, and the summary plan of Part 7, Plan 4R-2798 of MTM Zone 8 (18°30' West Longitude I.T.M. MAD-83 (original)), and are referred to the Central Meridian of MTM Zone 8 (18°30' West Longitude) I.T.M. MAD-83 (original).

Coordinate values are to urban accuracy in accordance with O. Reg. 216/10.
Point 76 Northing: 5025265.57 Easting: 3853276.13
Point 76 UTM Easting: 3853276.13 Easting
Point 76 UTM Northing: 5025265.57 Northing
Caution: Coordinates cannot, in themselves, be used to re-establish corners or boundaries shown on this plan.

ANNIS, O'SULLIVAN, VOLLEBEK LTD.
14 Concession Road, Suite 500
Ottawa, Ontario K1H 8S9
Phone: (613) 727-4850 / Fax: (613) 727-1079





APPENDIX B

Regulatory Requests and Responses



Natural Areas and Features Information Request Form

Contact Information

Name: _____

Address: _____

Phone Number: _____ Owner Consultant

E-mail Address: _____

***All red fields are mandatory**

This includes X & Y Coordinates.

Please see _____ for assistance.

Site Information

Project Name: _____

Township: _____ Lot: _____ Concession: _____

X: _____ Y: _____ Address: _____

***If more than 1 site, please provide all individual coordinates in an attached spreadsheet*

Type of Proposal

- Severance / Zoning
- Drains / Roads / Culverts
- Hydroline clearing
- Small Scale Projects (less than 5 hectares)
- RE Projects
- Large Scale Projects (5 hectares or greater)
- Aggregate Project
- Other: _____

Attachments

*****Please attach a Site Map showing the area of interest**

- Picture
- Map(s)
- Engineered Drawings
- Other: _____

Request

I would like to request the following information for the property identified above:

To better respond to your request please briefly outline the purpose for which this information is required (e.g. proposed development, lot severance, etc. or attach details):

Date of works proposed: ____ / ____ / ____

Personal information contained in this form is collected in order to fulfill your request, respond to your inquiries and for other administration purposes. With regard to the personal information it collects, the ministry is bound by privacy protection rules under the Freedom of Information and Protection of Privacy Act and takes all necessary steps to safeguard personal information collected.

Please Note: This request MUST be made by the property owner or by someone acting on their behalf. Depending on the nature of the request, it may take 6-8 weeks to respond to your inquiry. If the request does not include the mandatory information, it may delay response time.

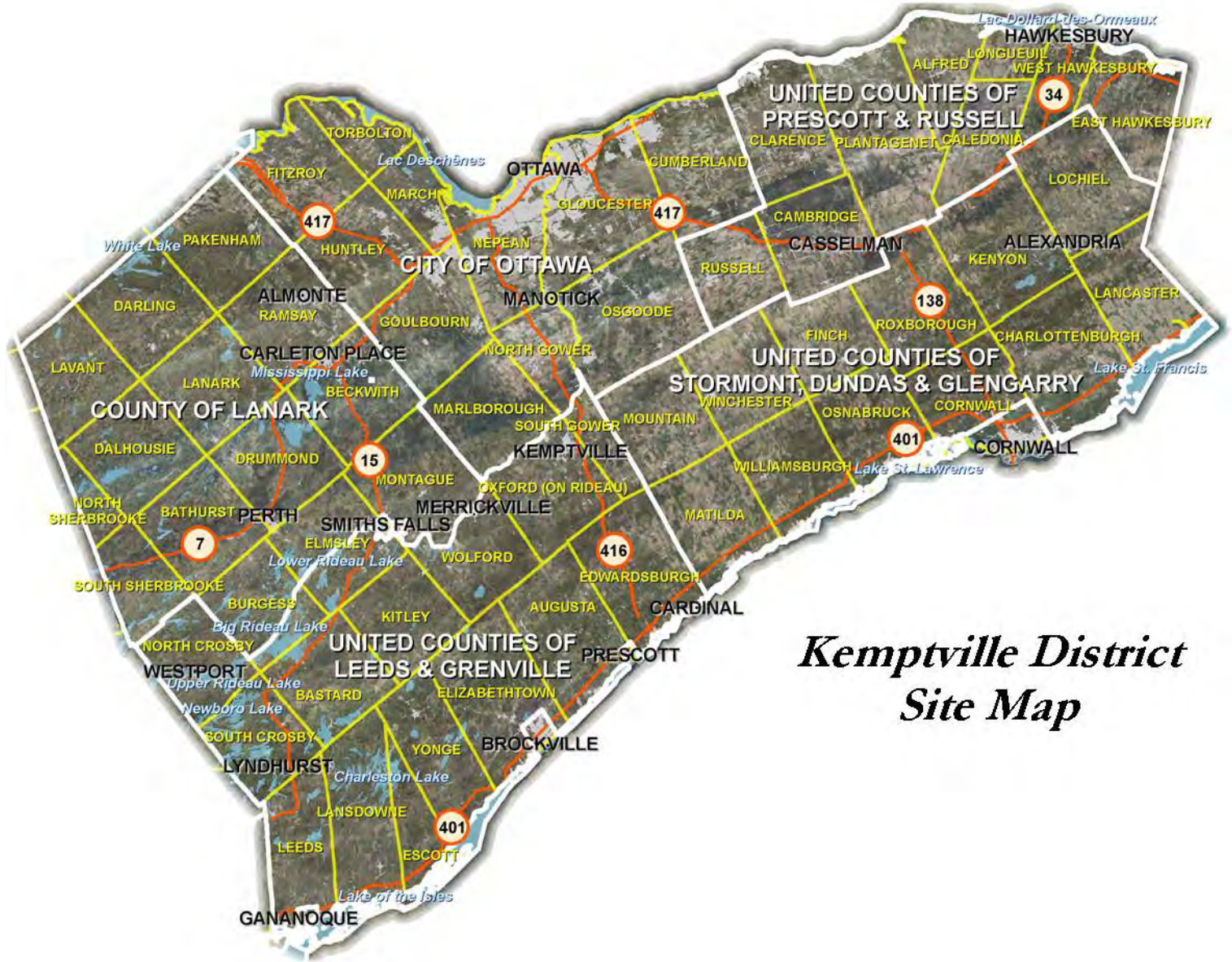
I have read the above and agree to all Terms and Conditions

Please forward the completed form to:

OR Fax: 613-258-3920

Attention: Information Requests
10 Campus Drive, Postal Bag 2002
Kempenville, ON K0G 1J0

MNR File Number: _____



Kemptville District Site Map


How to get X, Y coordinates from Google Maps (2 options):

- 1.) Right-click on the map, at the point of interest, and select 'What's here?'.
-The Latitude & Longitude of the mouse click, in decimal degrees, will automatically appear in the Search box.

OR

- 2.) Click on 'Maps Labs' in Google Maps.
-The following window will appear:

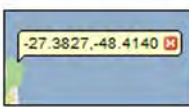
[Maps Labs](#) - [Help](#)
 Google Maps - ©2012 Google - [Terms of Use](#)



LatLng Tooltip

Displays a tooltip next to the mouse cursor showing the latlng directly underneath it. Press SHIFT to activate tooltip.

Enable
 Disable



LatLng Marker

Adds an option to the context menu that lets you drop a mini marker showing the latlng of the position that the cursor was pointing at when the context menu was evoked

Enable
 Disable

Important: To save your enabled Labs for next time, you must [sign in to your Google account.](#)

- Enable the LatLng Tooltip and then Save Changes.
- Now every time the **SHIFT** button is pressed in Google Maps, a Tool tip will appear with the Latitude and Longitude of the mouse location in decimal degrees.

REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE LAND TITLES ACT DATE: **April 15, 2016**

PLAN 4R-24468
 RECEIVED AND DEPOSITED UNDER THE LAND TITLES ACT DATE: **April 15, 2016**

B. MacMaster's
 B. MacMaster's
 ONTARIO LAND SURVEYOR
 LAND REGISTRATION FOR THE CITY OF OTTAWA-CARLETON NO. 4

SCHEDULE
 CONVEYANCE
 PART LOT PIN

PART OF 04052-0824
 PART OF 04052-0826
 PART OF 04052-0824
 PART OF 04052-0824

VIEWMOUNT DRIVE
 BLOCK C
 BLOCK E
 CARLETON CONDOMINIUM PLAN No. 370
 CARLETON CONDOMINIUM PLAN No. 370
 CARLETON CONDOMINIUM PLAN No. 370



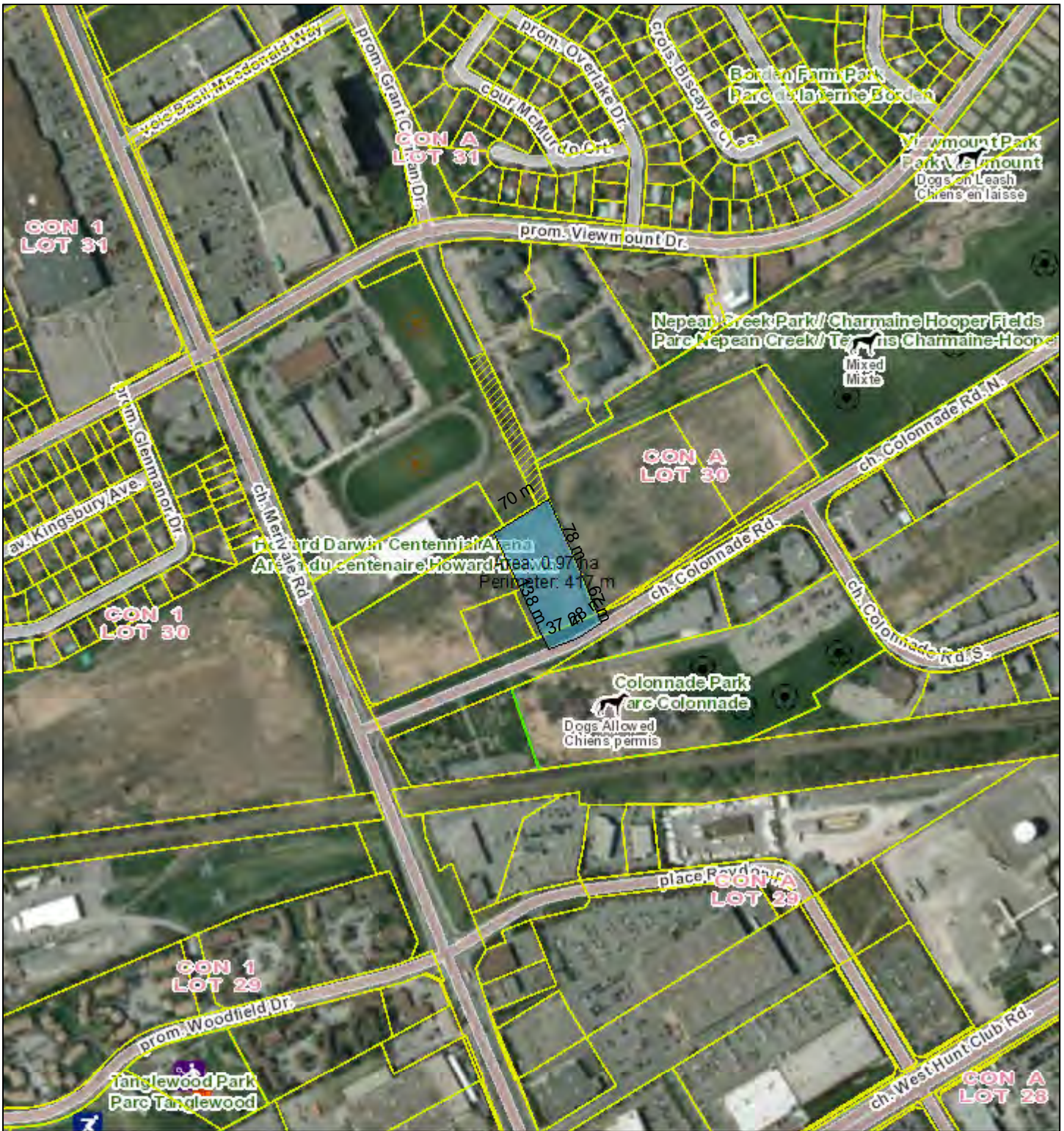
Scale 1 : 400
 METRIC
 DISTANCES AND COORDINATES SHOWN ON THIS PLAN CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

Surveyor's Certificate
 I CERTIFY THAT:
 1. This survey and plan are correct and in accordance with the Survey Act and the Land Titles Act and the regulations made under them.
 2. The survey was completed on the 15th day of April, 2016.

Notes and Legend
 Survey Movement Elevated
 Standard Iron Bar
 Concrete Monument
 Concrete Pin
 Witness
 (WT)
 (M)
 (P)
 (PT)
 (P2)
 (P3)
 (P4)
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 (P100)

All distances are in meters unless otherwise stated.
 Distances shown on this plan are ground distances and can be converted to grid distances by multiplying by the combined scale factor of 0.9996.
 Bearings are in MTR 49/97, derived from Northern limit of Part 5 on Plan 4R-16283 having a bearing of 0° 00' 00" and are referred to the Center Meridian of 44° 10' 30" West Longitude (NAD 83) (MTR 49/97).
 Bearings are in MTR 49/97, derived from Northern limit of Part 5 on Plan 4R-16283 having a bearing of 0° 00' 00" and are referred to the Center Meridian of 44° 10' 30" West Longitude (NAD 83) (MTR 49/97).
 Coordinates values are in urban accuracy in accordance with O. Reg. 216/10.
 Point 139 Northing: 502285.20 Easting: 365655.10
 Point 140 Northing: 502285.20 Easting: 365557.70
 Caution: Coordinates cannot, in themselves, be used to re-establish corners or boundaries shown on the plan.

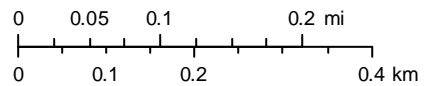
1664948 - Parts 10,12,13,15,28



January 30, 2017

1:8,564

- | | | | | | |
|-------------------------|---------------------|--|-----------------|--|-----------------|
| | Township Lot Labels | | Arterial | | Transit |
| | Property Parcels | | Major Collector | | Federally Owned |
| Road Names | | | Collector | | City Freeway |
| Road Centrelines | | | Local | | |
| | Provincial Highway | | | | |
| | City Freeway | | | | |



City of Ottawa

From: Wood, Alex (Ottawa)
Sent: January-30-17 2:06 PM
To: 'Desaulniers-Veilleux, Johanne (MOECC)'
Subject: Index Review Request
Attachments: 4R-29469 (Site + Adjacent and Part28).pdf

Hello Johannel!

Alex from Golder here, I hope you are having a wonderful day.

Could you please check for approvals and orders along Colonnade Road for the following parts of Lot 30 of Concession A in Ottawa (Nepean)?

Concession A
Lot 30
Parts: 10,12,13,15,28

I have attached a Site map to give you an idea of exact locations.

If you could provide index review reports that would be great.

Kindest Regards,

Alex

Alex Wood (B.Eng) | Environmental Consultant | **Golder Associates Ltd.**
1931 Robertson Road, Ottawa, Ontario, Canada, K2H 5B7
T: +1 (613) 592 9600 | **D:** +1 (613) 592-9600 x3306 | **F:** +1 (613) 592 9601 | **C:** +1 (613) 328-4804 | **E:**
Alex_Wood@golder.com | www.golder.com

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Ministry of the Environment
and Climate Change
Ottawa District Office
2430 Don Reid Drive, Suite 103
Ottawa Ontario
K1H 1E1
613-521-3450 or 1-800-860-2195
Fax: 613-521-5437

Ministère de l'Environnement et de
l'Action en matière de changement climatique
Bureau du district d'Ottawa
2430, promenade Don Reid, Unité 103
Ottawa (Ontario)
K1H 1E1
613-521-3450 ou 1-800-860-2195
Téléco. : 613-521-5437



Ontario

OTT File No: **13**

INDEX REVIEW REPORT COMMERCIAL/INDUSTRIAL/AGRICULTURAL

Attention: Alex Wood	Your File:
Golder Associates	Date Received: January 30, 2017

Thank you for your inquiry requesting a search of records from the Ministry of the Environment and Climate Change (ministry). The ministry encourages you to use the available on-line resources to access publically-available information which may assist with your inquiry.

PROPERTY OWNER AND LOCATION

Location: Municipality: **Ottawa**

Address: **Lot 30 Concession A Township Rideau Front (Nepean)**

INDEX OF NAMES FOR ORDERS

We have searched the Ottawa District Index Record of Active Orders under the Environmental Protection Act (EPA), Ontario Water Resources Act (OWRA) and the Pesticides Act (PA) issued to: and the following information has been found:

No Active Orders are outstanding

Please Note: *For information related to any ministry Orders issued to the property in question, please request this information from the property owner. If you would like further information regarding a specific Order issued, please contact the Ottawa District Office.*

Date of Search: February 14, 2017

RECORD OF SITE CONDITION

For information on **Records of Site Condition** filed on the Environmental Site Registry since October 1, 2004, please use the following links:
For records of site condition filed between October 1, 2004 and June 30, 2011
<https://www.lrcsde.lrc.gov.on.ca/bes/WebPublic/generalSearch>, and for records of site condition filed since July 1, 2011 <https://www.ontario.ca/environment-and-energy/records-site-condition>

INDEX REVIEW REPORT
COMMERCIAL/INDUSTRIAL/AGRICULTURAL

INDEX OF NAMES FOR APPROVALS ISSUED SINCE 1999

A search of the Index Record of names of all persons to whom approvals have been issued, maintained by the Director, Approvals Branch and the Regional Director, *Eastern Region*, and the District Manager, *Ottawa District*, under Section 19 EPA and Section 13 OWRA and the following information has been provided :

<u>Type</u>	<u>Number</u>	<u>Issued To</u>	<u>Issue Date</u>
Section 9 EPA (Air)			
Section 39 EPA (Waste Management)			
Section 52 OWRA (Water)			
Section 53 OWRA (Municipal/Private/ Industrial Sewage)	5848-5DDHOU 6100-7X8MUH	Corp. of the City of Nepean Ashcroft Homes - Citi Place Inc.	Aug. 27, 2002 Oct. 28, 2009
Other			

The **ministry's Access Environment** is an on-line, map-based search tool designed to allow the public, quick and easy access to the ministry approvals and registration information from December 1999 onward. Access Environment currently displays Environmental Compliance Approvals (ECA), Renewable Energy Approvals (REA) and registrations on the Environmental Activity and Sector Registry (EASR). ECAs include all Certificates of Approval (CoFAs) previously issued under the Environmental Protection Act (EPA) and approvals previously issued under s.53 of the Ontario Water Resources Act (OWRA). You can access this information from the ministry website or at the following link:
www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en

Copies of **ECAs issued before January 1, 2000** can be obtained by submitting a Request for a Copy of an Environmental Compliance Approval

Please Note:

- 1) The information provided above is based solely on the address(es) and name(s) of the present and past owners provided by you.
- 2) The Index Record of Names to whom approvals have been issued, maintained by the Regional Director and District Manager, has been searched back to 1999.
- 3) A search of our records does **NOT** indicate whether there are:
 - other uses for which an approval may have been required, **nor**
 - other uses on the property or in the vicinity that may affect the suitability of the property, for the use proposed to be made of it.
 If a comprehensive knowledge of the property and the nearby lands and their environmental condition is required, you must examine them and other relevant records yourself, with the aid of a qualified person, if needed.

No Approvals have been issued.

Date of Search: February 14, 2017

INDEX REVIEW REPORT COMMERCIAL/INDUSTRIAL/AGRICULTURAL

Additional site information related to the **location of landfill sites** in the province can be found at the following link:

<http://www.ontario.ca/environment-and-energy/small-landfill-sites>

<http://www.ontario.ca/environment-and-energy/map-large-landfill-sites>

The **ministry's Hazardous Waste Information Network (HWIN)** can also be accessed to search for information on generators, carriers, and receivers of subject waste in the province at the following link: www.hwinn.ca

The **ministry's Environmental Compliance Reports** provide information about contaminant discharges to water and emissions to air that exceed limits found in legislation, environmental approvals, orders and/or policies/guidelines and can be accessed at the following link: <http://www.ontario.ca/environment-and-energy/environmental-compliance-reports>

Information on **Environmental Penalties**, which are monetary penalties that can be imposed by the ministry for some industrial spills, can be assessed at the following link: <https://www.ontario.ca/search/search-results?query=environmental%20penalties>


Additional ministry information can be accessed through the **Government of Ontario's Open Data Catalogue**: <http://www.ontario.ca/government/open-data-ontario>

The ministry also encourages you to consider best practices and standards of care used within the legal community and through your associations as a guide to obtaining information related to specific property for any legal purpose.

We trust this information will help meet your requirements quickly and effectively.

Please advise your colleagues that responses to requests for searches always take some time. As a result the Ministry of the Environment and Climate Change may not be able to meet deadlines imposed by other parties on real estate and other transactions.

Thank you for your inquiry.

Signature:	
Contact Name:	Johanne Veilleux
Title:	Administrative Assistant
Address:	Ministry of the Environment and Climate Change 2430 Don Reid Drive, Unit 103 Ottawa, ON K1H 1E1
Phone:	(613) 521-3450 Ext 221
Date:	February 14, 2017
	E&OE

Please Note: If you would like to receive an email with all the environmental links above, please contact me at johanne.veilleux@ontario.ca and I will be pleased to send them to you.

From: Prem Lal <plal@tssa.org> on behalf of Public Information Services
<publicinformationservices@tssa.org>
Sent: January-30-17 3:11 PM
To: Wood, Alex (Ottawa)
Subject: RE: TSSA Request

Hi Alex:

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.

Thank you Alex and have a great day.

Prem



Prem Lal | Public Information Coordinator

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-3570 | Fax: +1-416-734-3568 | E-Mail: plal@tssa.org

www.tssa.org



From: Wood, Alex (Ottawa) [mailto:Alex_Wood@golder.com]

Sent: Monday, January 30, 2017 1:40 PM

To: Public Information Services

Subject: TSSA Request

Hello,

Could you please perform a TSSA database search for any underground storage tanks, registered fuel tanks, outstanding instructions, incident reports, fuel oil spills, or contaminations records for the following properties in Ottawa (Nepean), Ontario:

- 1 Colonnade Rd
- 2 Colonnade Rd
- 8 Colonnade Rd
- 14 Colonnade Rd
- 19 Colonnade Rd
- 20 Colonnade Rd

1765 Merivale Rd
1755 Merivale Rd
212 Viewmount Dr
216 Viewmount Dr

Please let me know if you have any questions.

All the best,

Alex

Alex Wood (B.Eng) | Environmental Consultant | **Golder Associates Ltd.**
1931 Robertson Road, Ottawa, Ontario, Canada, K2H 5B7
T: +1 (613) 592 9600 | **D:** +1 (613) 592-9600 x3306 | **F:** +1 (613) 592 9601 | **C:** +1 (613) 328-4804 | **E:**
Alex.Wood@golder.com | www.golder.com

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APPENDIX C

EcoLog ERIS Report and Street Directories

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



DATABASE REPORT

Project Property: 1664948
Colonnade Road
Ottawa ON

Project No:

Report Type: Standard Report

Order No: 20170130131

Requested by: Golder Associates Ltd.

Date Completed: February 6, 2017

**Environmental Risk
Information Services**
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

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Executive Summary

Property Information:

Project Property: 1664948
Colonnade Road Ottawa ON

Project No:

Coordinates:

Latitude: 45.341584
Longitude: -75.724741
UTM Northing: 5,021,152.68
UTM Easting: 443,219.75
UTM Zone: UTM Zone 18T

Elevation: 278 FT
84.67 M

Order Information:

Order No: 20170130131
Date Requested: January 30, 2017
Requested by: Golder Associates Ltd.
Report Type: Standard Report

Historical/Products:

City Directory Search Subject Site plus 10 Adjacent Properties

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
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 & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	9	9
CA	<i>Certificates of Approval</i>	Y	0	3	3
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	3	3
ECA	<i>Environmental Compliance Approval</i>	Y	0	1	1
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	4	4
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	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
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	11	11
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	0	0
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	1	1
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBW	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
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	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	1	1
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
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	1	1
SPL	<i>Ontario Spills</i>	Y	0	1	1
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	5	5
Total:			0	40	40

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>
1	BORE		ON	NW/32.5	0.04	16
2	BORE		ON	SSE/33.3	0.09	16
3	BORE		ON	W/34.1	-0.05	17
4	BORE		ON	NW/79.9	1.05	17
5	EHS		Colonnade Rd Merivale Rd Ottawa ON	WSW/85.6	-0.43	18
6	WWIS		OTTAWA ON	WNW/123.8	-0.09	18
7	BORE		ON	NW/139.8	-0.44	21
8	BORE		ON	SE/147.9	0.49	21
9	CA	JDS FITEL INC.	8 COLONNADE RD., BLDG. 'D' NEPEAN ON K2E 7M6	ESE/148.5	1.08	22
9	CA		8 Colonnade Road Ottawa ON K2E 7M6	ESE/148.5	1.08	22
9	CA	logen Corporation	8 Colonnade Road Ottawa ON	ESE/148.5	1.08	22
9	EBR	JDS Fitel Inc.	8 Colonnade Road City of Nepean ON K2E 7M6	ESE/148.5	1.08	23
9	EBR	JDS Uniphase Inc	8 Colonnade Road Ottawa ON K2E 7M6	ESE/148.5	1.08	23
9	EBR	logen Corproation	8 Colonnade Road Ottawa ON K2E 7M6	ESE/148.5	1.08	23
9	GEN	NORTHERN TELECOM LTD.	OPTICAL SYSTEMS DIVISION 8 COLONNADE ROAD NEPEAN ON K2E 7M6	ESE/148.5	1.08	23
9	GEN	NORTHERN TELECOM LTD. (OUT OF BUSINESS)	OPTICAL SYSTEMS DIVISION 8 COLONNADE ROAD NEPEAN ON K2E 7M6	ESE/148.5	1.08	24
9	GEN	NORTHERN TELECOM LTD. 28-104	OPTICAL SYSTEMS DIVISION 8 COLONNADE ROAD NEPEAN ON K2E 7M6	ESE/148.5	1.08	25
9	GEN	GVT.(OUT OF BUS)	8 COLONNADE ROAD NEPEAN ON K2G 5W8	ESE/148.5	1.08	25
9	GEN	GVT. OF CAN. - REVENUE CANADA	8 COLONNADE ROAD NEPEAN ON K2G 5W8	ESE/148.5	1.08	25
9	GEN	JDS UNIPHASE	8 COLONNADE ROAD NEPEAN ON K2G 5W8	ESE/148.5	1.08	26
9	GEN	JDS UNIPHASE CORPORATION	8 COLONNADE ROAD NEPEAN ON K2G 5W8	ESE/148.5	1.08	26
9	GEN	JDS UNIPHASE Inc.	8 COLONNADE ROAD NEPEAN ON K2G 5W8	ESE/148.5	1.08	27
9	GEN	logen Corporation	8 Colonnade Road Nepean ON K2G 5W8	ESE/148.5	1.08	27

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
9	PAP	logen Corporation	8 Colonnade Rd Ottawa ON K2E 7M6	ESE/148.5	1.08	28
9	SCT	logen Corporation	8 Colonnade Rd Nepean ON K2E 7M6	ESE/148.5	1.08	28
10	BORE		ON	WSW/156.9	-0.03	28
11	BORE		ON	ENE/157.2	0.18	29
12	BORE		ON	SE/182.4	1.34	29
13	WWIS		lot 29 con A ON	SSW/188.1	1.03	30
14	EHS		8, 14, 24 Colonnade Rd Ottawa ON	E/191.4	0.88	32
15	EHS		8 Colonnade Rd Ottawa ON K2E7M6	E/203.3	1.13	32
16	WWIS		Ottawa ON	NE/209.8	-0.31	33
17	WWIS		Ottawa ON	ENE/218.1	0.47	35
18	EHS		15 Colonnade Road Ottawa ON	E/218.5	0.41	37
19	MNR	EAST PAKENHAM	ON	SSE/224.0	2.87	37
20	WWIS		lot 30 con A NEPEAN ON	W/236.2	-0.14	38
21	ECA	1067005 Ontario Ltd.	Colonnade Road and Merivale Road City of Ottawa ON	SW/249.0	-1.51	41
21	GEN	SHELL CANADA LTD.	P.O. BOX 5029, STATION "F" MERIVALE ROAD SOUTH OF COLONADE STREET OTTAWA ON K2C 3K8	SW/249.0	-1.51	41
21	GEN	SHELL CANADA PRODUCTS LTD.	P.O. BOX 5029, STATION "F" MERIVALE ROAD SOUTH OF COLONADE STREET OTTAWA ON K2C 3K8	SW/249.0	-1.51	42
21	SPL	City of Ottawa	Colonnade/Merivale Roads Ottawa ON	SW/249.0	-1.51	42

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 9 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	NW	32.47	<u>1</u>
	ON	SSE	33.35	<u>2</u>
	ON	NW	79.88	<u>4</u>
	ON	SE	147.86	<u>8</u>
	ON	ENE	157.17	<u>11</u>
	ON	SE	182.37	<u>12</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	W	34.09	<u>3</u>
	ON	NW	139.81	<u>7</u>
	ON	WSW	156.90	<u>10</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 3 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	8 Colonnade Road Ottawa ON K2E 7M6	ESE	148.45	<u>9</u>
JDS FITEL INC.	8 COLONNADE RD., BLDG. 'D' NEPEAN ON K2E 7M6	ESE	148.45	<u>9</u>
logen Corporation	8 Colonnade Road Ottawa ON	ESE	148.45	<u>9</u>

EBR - Environmental Registry

A search of the EBR database, dated 1994-Dec 2016 has found that there are 3 EBR site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Iogen Corporation	8 Colonnade Road Ottawa ON K2E 7M6	ESE	148.45	9
JDS Fitel Inc.	8 Colonnade Road City of Nepean ON K2E 7M6	ESE	148.45	9
JDS Uniphase Inc	8 Colonnade Road Ottawa ON K2E 7M6	ESE	148.45	9

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Nov 2016 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
1067005 Ontario Ltd.	Colonnade Road and Merivale Road City of Ottawa ON	SW	249.04	21

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	8, 14, 24 Colonnade Rd Ottawa ON	E	191.37	14
	8 Colonnade Rd Ottawa ON K2E7M6	E	203.33	15
	15 Colonnade Road Ottawa ON	E	218.48	18

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Colonnade Rd Merivale Rd Ottawa ON	WSW	85.59	5

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Sep 2016 has found that there are 11 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Iogen Corporation	8 Colonnade Road Nepean ON K2G 5W8	ESE	148.45	9
JDS UNIPHASE Inc.	8 COLONNADE ROAD NEPEAN ON K2G 5W8	ESE	148.45	9
JDS UNIPHASE CORPORATION	8 COLONNADE ROAD NEPEAN ON K2G 5W8	ESE	148.45	9
GVT. OF CAN. - REVENUE CANADA	8 COLONNADE ROAD NEPEAN ON K2G 5W8	ESE	148.45	9

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
GVT.(OUT OF BUS)	8 COLONNADE ROAD NEPEAN ON K2G 5W8	ESE	148.45	9
NORTHERN TELECOM LTD. 28-104	OPTICAL SYSTEMS DIVISION 8 COLONNADE ROAD NEPEAN ON K2E 7M6	ESE	148.45	9
NORTHERN TELECOM LTD. (OUT OF BUSINESS)	OPTICAL SYSTEMS DIVISION 8 COLONNADE ROAD NEPEAN ON K2E 7M6	ESE	148.45	9
NORTHERN TELECOM LTD.	OPTICAL SYSTEMS DIVISION 8 COLONNADE ROAD NEPEAN ON K2E 7M6	ESE	148.45	9
JDS UNIPHASE	8 COLONNADE ROAD NEPEAN ON K2G 5W8	ESE	148.45	9

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
SHELL CANADA PRODUCTS LTD.	P.O. BOX 5029, STATION "F" MERIVALE ROAD SOUTH OF COLONADE STREET OTTAWA ON K2C 3K8	SW	249.04	21
SHELL CANADA LTD.	P.O. BOX 5029, STATION "F" MERIVALE ROAD SOUTH OF COLONADE STREET OTTAWA ON K2C 3K8	SW	249.04	21

MNR - Mineral Occurrences

A search of the MNR database, dated 1846-Feb 2016 has found that there are 1 MNR site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
EAST PAKENHAM	ON	SSE	223.97	19

PAP - Canadian Pulp and Paper

A search of the PAP database, dated 1999, 2002, 2004, 2005, 2009 has found that there are 1 PAP site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
logen Corporation	8 Colonnade Rd Ottawa ON K2E 7M6	ESE	148.45	9

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 1 SCT site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
logen Corporation	8 Colonnade Rd Nepean ON K2E 7M6	ESE	148.45	9

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jan 2016 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

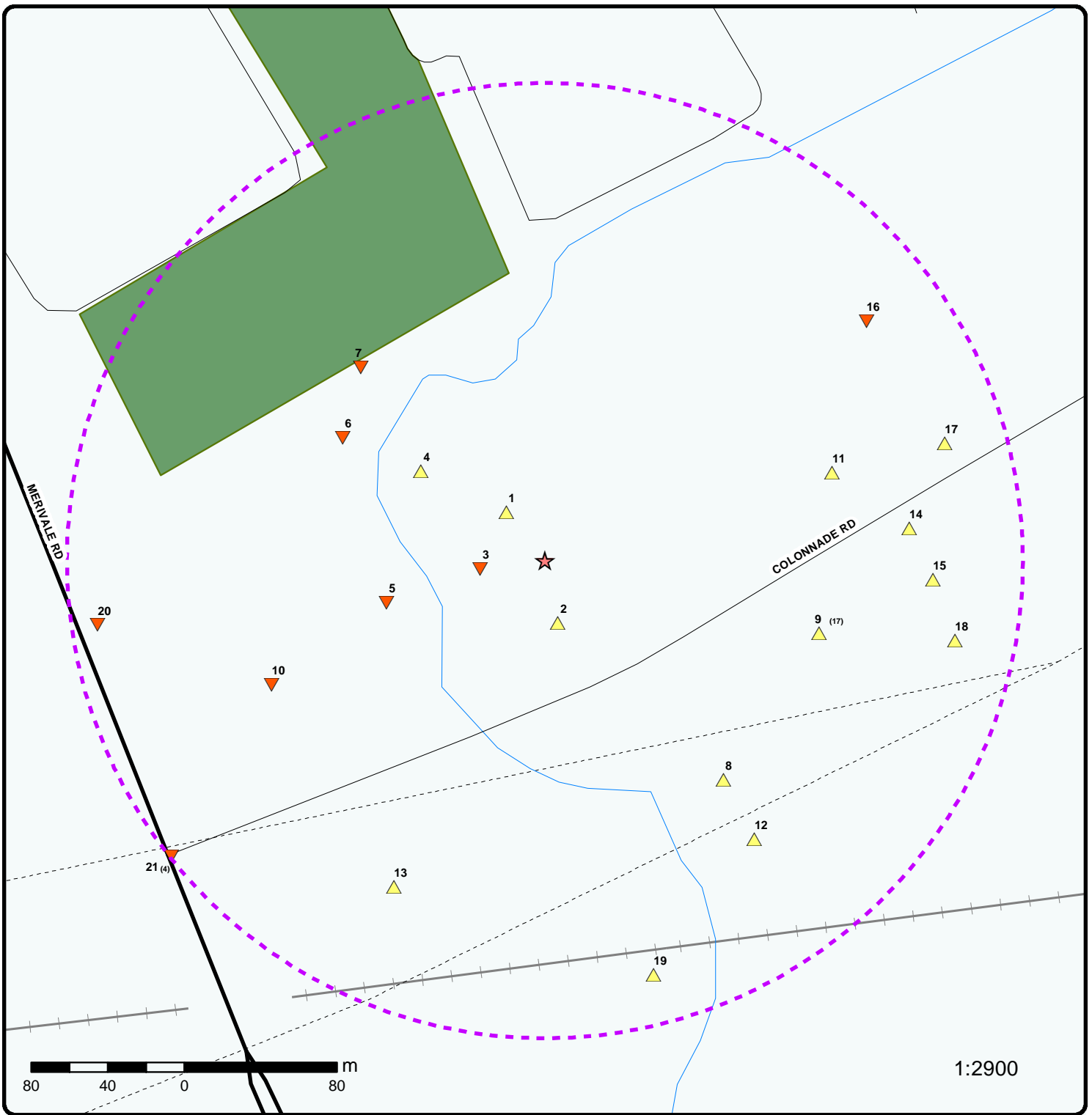
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	Colonnade/Merivale Roads Ottawa ON	SW	249.04	21

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30, 2016 has found that there are 5 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 29 con A ON	SSW	188.09	13
	Ottawa ON	ENE	218.05	17

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	OTTAWA ON	WNW	123.77	6
	Ottawa ON	NE	209.80	16
	lot 30 con A NEPEAN ON	W	236.16	20



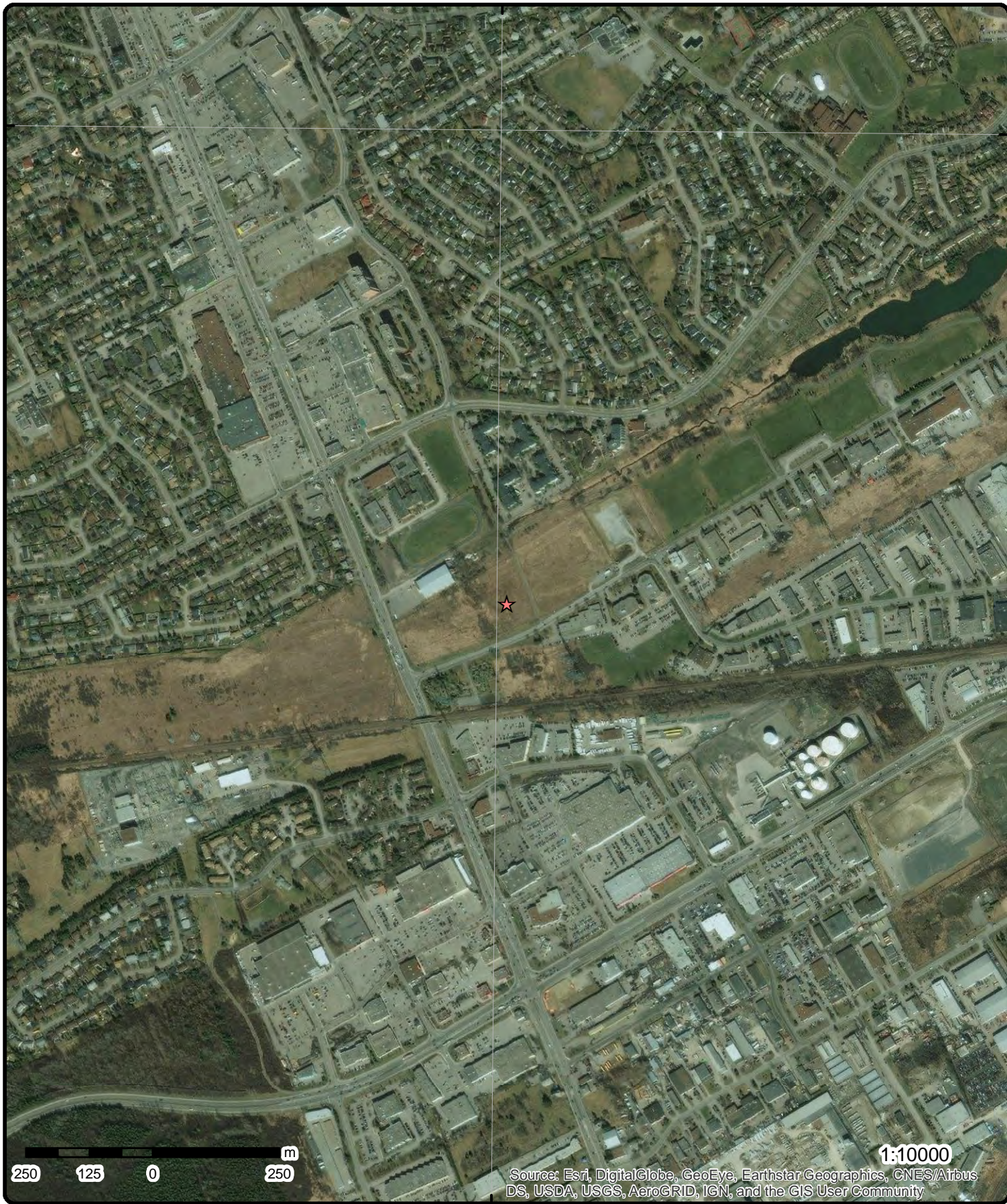
Map : 0.25 Kilometer Radius

Order No: 20170130131

Address: Colonnade Road, Ottawa, ON



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



Aerial

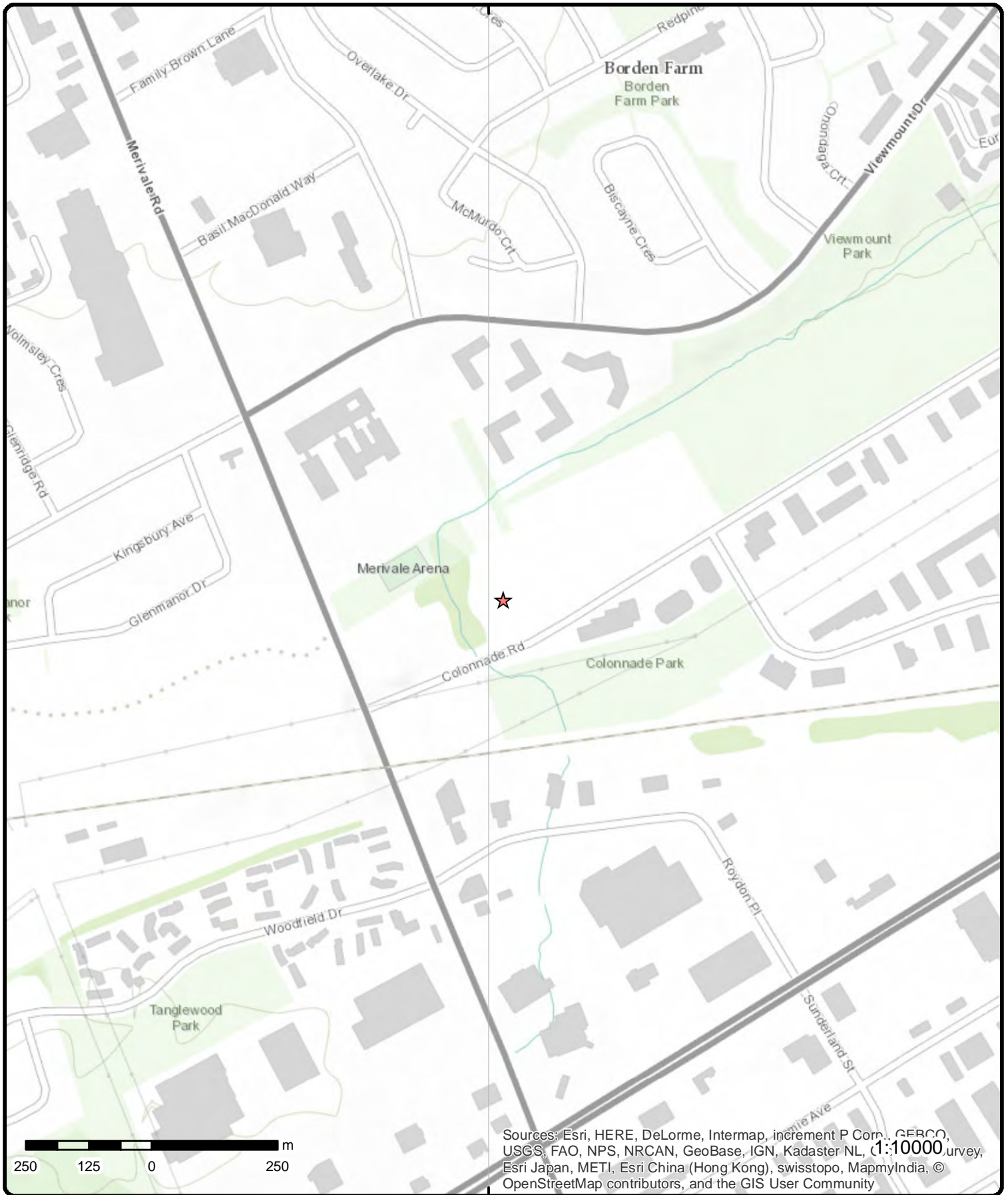
Address: Colonnade Road, Ottawa, ON

Source: ESRI World Imagery

Order No: 20170130131



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

Topographic Map

Address: Colonnade Road, Ottawa, ON

Source: ESRI World Topographic Map

Order No: 20170130131



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>1</u>	1 of 1	NW/32.5	84.7	ON	BORE
Borehole ID: 847715					
Use: Geotechnical/Geological Investigation					
Drill Method:: Diamond Drill					
Easting:: 443200					
Location Accuracy::					
Elev. Reliability Note::					
Total Depth m:: 16.8					
Township:: NEPEAN					
Lot:: LOT 30					
Completion Date:: 21-MAY-1971					
Primary Water Use::					
Type: Borehole					
Status:: Decommissioned					
UTM Zone:: 18					
Northing:: 5021178					
Orig. Ground Elev m:: 85.6					
DEM Ground Elev m:: 84.1					
Primary Name::					
Concession:: BROKEN FRONT A					
Municipality:					
Static Water Level:: 2					
Sec. Water Use::					
--Details--					
Stratum ID: 6558652					
Bottom Depth(m): 0.3					
Top Depth(m): 0.0					
Stratum Desc: TOPSOIL					
Stratum ID: 6558653					
Bottom Depth(m): 1.2					
Top Depth(m): 0.3					
Stratum Desc: CLAYEY SILT TO SILTY SAND TRACE OF GREY BROWN TO GREY COMPACT					
Stratum ID: 6558654					
Bottom Depth(m): 9.1					
Top Depth(m): 1.2					
Stratum Desc: SANDY SILT TO SILTY SAND TRACES OF GRAVEL BROWN TO GREY COMPACT SILTY SAND WITH GRAVEL GREY DENSE TO VERY DENSE					
Stratum ID: 6558655					
Bottom Depth(m): 14.0					
Top Depth(m): 9.1					
Stratum Desc: HETEROGENEOUS MIX OF SILT SAND AND GRAVEL GLACIAL TILL BOULDERS UP TO 6in. IN SIZE GREY DENSE TO VERY DENSE					
Stratum ID: 6558656					
Bottom Depth(m): 16.8					
Top Depth(m): 14.0					
Stratum Desc: FRACTURED DOLOMITE BEDROCK IRREGULAR SHALE INTERBEDDED GREY SOUND					

<u>2</u>	1 of 1	SSE/33.3	84.8	ON	BORE
Borehole ID: 802190					
Use: Geotechnical/Geological Investigation					
Drill Method:: Hollow stem auger					
Easting:: 443226.47					
Location Accuracy::					
Elev. Reliability Note::					
Total Depth m:: 13.1					
Township::					
Lot::					
Completion Date:: 25-JUL-1973					
Primary Water Use::					
Type: Borehole					
Status::					
UTM Zone:: 18					
Northing:: 5021120.06					
Orig. Ground Elev m:: 85.6					
DEM Ground Elev m:: 83.9					
Primary Name:: BH L20					
Concession::					
Municipality:					
Static Water Level:: 3.7					
Sec. Water Use::					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--Details--					
Stratum ID:	218571161			Top Depth(m):	0.0
Bottom Depth(m):	0.1			Stratum Desc:	Topsoil
Stratum ID:	218571162			Top Depth(m):	0.1
Bottom Depth(m):	0.8			Stratum Desc:	Weathered Crust Silty Clay
Stratum ID:	218571163			Top Depth(m):	0.8
Bottom Depth(m):	7.0			Stratum Desc:	Brown to Grey Sand Trace: Si Tr Gr
Stratum ID:	218571164			Top Depth(m):	7.0
Bottom Depth(m):	8.9			Stratum Desc:	Grey Till sand silt With: Gr
Stratum ID:	218571165			Top Depth(m):	8.9
Bottom Depth(m):	10.7			Stratum Desc:	Grey Bedrock Sandstone
Stratum ID:	218571166			Top Depth(m):	10.7
Bottom Depth(m):	11.4			Stratum Desc:	Bedrock
Stratum ID:	218571167			Top Depth(m):	11.4
Bottom Depth(m):	13.1			Stratum Desc:	Bedrock Limestone

3 1 of 1 W/34.1 84.6 ON **BORE**

Borehole ID:	802268	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status::	
Drill Method::	Hollow stem auger	UTM Zone::	18
Easting::	443185.97	Northing::	5021148.31
Location Accuracy::		Orig. Ground Elev m::	85
Elev. Reliability Note::		DEM Ground Elev m::	81.6
Total Depth m::	7	Primary Name::	BH M1
Township::		Concession::	
Lot::		Municipality:	
Completion Date::	11-AUG-1973	Static Water Level::	3.3
Primary Water Use::		Sec. Water Use::	

--Details--					
Stratum ID:	218571494			Top Depth(m):	0.0
Bottom Depth(m):	0.2			Stratum Desc:	Topsoil
Stratum ID:	218571495			Top Depth(m):	0.2
Bottom Depth(m):	5.5			Stratum Desc:	Brown to Grey Compact Sand Trace: Si Tr Gr
Stratum ID:	218571496			Top Depth(m):	5.5
Bottom Depth(m):	6.1			Stratum Desc:	Grey Till sand silt
Stratum ID:	218571497			Top Depth(m):	6.1
Bottom Depth(m):	7.0			Stratum Desc:	Grey Bedrock Sandstone

4 1 of 1 NW/79.9 85.7 ON **BORE**

Borehole ID:	802274	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status::	
Drill Method::	Hollow stem auger	UTM Zone::	18
Easting::	443154.86	Northing::	5021199.38
Location Accuracy::		Orig. Ground Elev m::	84.9
Elev. Reliability Note::		DEM Ground Elev m::	80.1
Total Depth m::	5.8	Primary Name::	BH M2
Township::		Concession::	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Lot::				Municipality:	
Completion Date::	11-AUG-1973			Static Water Level::	-999.9
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	218571518			Top Depth(m):	0.0
Bottom Depth(m):	0.2			Stratum Desc:	Topsoil
Stratum ID:	218571519			Top Depth(m):	0.2
Bottom Depth(m):	3.8			Stratum Desc:	Brown to Grey Compact Sand Trace: Si
Stratum ID:	218571520			Top Depth(m):	3.8
Bottom Depth(m):	4.3			Stratum Desc:	Grey Till sand silt
Stratum ID:	218571521			Top Depth(m):	4.3
Bottom Depth(m):	5.8			Stratum Desc:	Bedrock Sandstone

<u>5</u>	1 of 1	WSW/85.6	84.2	Colonnade Rd Merivale Rd Ottawa ON	EHS
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:	20140109010				
Addit. Info Ordered::					
Report Date:	17-JAN-14				
Report Type:	Custom Report				
Search Radius (km):	.25				

<u>6</u>	1 of 1	WNW/123.8	84.6	OTTAWA ON	WWIS
Well ID:	7139438				Lot:
Construction Date::					Concession:
Primary Water Use::	Monitoring				Concession Name:
Sec. Water Use::					Easting NAD83::
Final Well Status::	Observation Wells				Northing NAD83::
Specific Capacity::					Zone::
Municipality:	OTTAWA CITY				UTM Reliability::
County:	OTTAWA-CARLETON				
Bore Hole Information					
--					
Bore Hole ID:	1002934536				
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:	21-DEC-09				
Remarks:					
Zone:	18				
East 83:	443114				
North 83:	5021217				
UTMRC:	4				
UTMRC Description:	margin of error : 30 m - 100 m				
Location Method:	wwr				
Org CS:	UTM83				
Elevation:	79.68				
Elevrc:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<i>Elevrc Description:</i>					
<i>Location Source Date:</i>					
<i>Source Revision Comment:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Supplier Comment:</i>					
<i>Spatial Status:</i>					
--	--				
Overburden and Bedrock					
Materials Interval					
--	--				
Formation ID:		1003096049			
Layer:		1			
General Color:					
Most Common Material:		OTHER			
Other Materials:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		.05			
Formation End Depth UOM:		ft			
--	--				
Formation ID:		1003096050			
Layer:		2			
General Color:		GREY			
Most Common Material:		SAND			
Other Materials:		SILT			
Other Materials:		GRAVEL			
Formation Top Depth:		.05			
Formation End Depth:		.28			
Formation End Depth UOM:		ft			
--	--				
Formation ID:		1003096051			
Layer:		3			
General Color:		GREY			
Most Common Material:		SAND			
Other Materials:		SILTY			
Other Materials:					
Formation Top Depth:		.28			
Formation End Depth:		.58			
Formation End Depth UOM:		ft			
--	--				
Formation ID:		1003096052			
Layer:		4			
General Color:		BROWN			
Most Common Material:		SAND			
Other Materials:		GRAVEL			
Other Materials:					
Formation Top Depth:		.58			
Formation End Depth:		.91			
Formation End Depth UOM:		ft			
--	--				
Formation ID:		1003096053			
Layer:		5			
General Color:		BROWN			
Most Common Material:		SAND			
Other Materials:		CLAYEY			
Other Materials:		FILL			
Formation Top Depth:		.91			
Formation End Depth:		4.2			
Formation End Depth UOM:		ft			
--	--				
Formation ID:		1003096054			
Layer:		6			
General Color:		GREY			
Most Common Material:		DOLOMITE			
Other Materials:		SANDSTONE			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Other Materials:		ROCK			
Formation Top Depth:		4.2			
Formation End Depth:		7.3			
Formation End Depth UOM:		ft			
--		--			
Annular Space/Abandonment Sealing Record					
--		--			
Plug ID:		1003096058			
Layer:		1			
Plug From:		.5			
Plug To:		5.5			
Plug Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		1003096063			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:		HSA			
--		--			
Pipe Information					
--		--			
Pipe ID:		1003096048			
Casing Number:		0			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		1003096060			
Layer:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1003096061			
Layer:		1			
Slot:		10			
Screen Top Depth:		5.8			
Screen End Depth:		7.3			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		3.8			
--		--			
Hole Diameter					
--		--			
Hole ID:		1003096055			
Diameter:		20			
Depth From:		0			
Depth To:		1.5			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
--		--			
Hole ID:		1003096056			
Diameter:		15			
Depth From:		1.5			
Depth To:		4.2			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
--		--			
Hole ID:		1003096057			
Diameter:		10			
Depth From:		4.2			
Depth To:		7.3			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
--		--			
--		--			

<u>7</u>	1 of 1	NW/139.8	84.2	ON	BORE
Borehole ID:	802276			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	
Drill Method::	Hollow stem auger			UTM Zone::	18
Easting::	443123.35			Northing::	5021253.96
Location Accuracy::				Orig. Ground Elev m::	84.7
Elev. Reliability Note::				DEM Ground Elev m::	80.1
Total Depth m::	5.2			Primary Name::	BH M3
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	11-AUG-1973			Static Water Level::	-999.9
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	218571524			Top Depth(m):	0.0
Bottom Depth(m):	3.0			Stratum Desc:	Grey-Brown Very Loose Fill-Misc sand silt With: Gr W Cob W Constr Debris
Stratum ID:	218571525			Top Depth(m):	3.0
Bottom Depth(m):	3.5			Stratum Desc:	Brown Loose Sand
Stratum ID:	218571526			Top Depth(m):	3.5
Bottom Depth(m):	5.2			Stratum Desc:	Grey Bedrock Sandstone

<u>8</u>	1 of 1	SE/147.9	85.2	ON	BORE
Borehole ID:	802611			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	
Drill Method::	Power auger			UTM Zone::	18
Easting::	443312.99			Northing::	5021037.96
Location Accuracy::				Orig. Ground Elev m::	86.7
Elev. Reliability Note::				DEM Ground Elev m::	85.8
Total Depth m::	4.9			Primary Name::	BH A-4
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	15-MAY-1972			Static Water Level::	2.4
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	218572766			Top Depth(m):	2.9
Bottom Depth(m):	4.9			Stratum Desc:	Brown Compact to Dense Sand With: Gr Trace: Si
Stratum ID:	218572763			Top Depth(m):	0.0
Bottom Depth(m):	0.0			Stratum Desc:	Topsoil
Stratum ID:	218572764			Top Depth(m):	0.0

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Bottom Depth(m):	1.4			Stratum Desc: Brown Sand	
Stratum ID:	218572765			Top Depth(m): 1.4	
Bottom Depth(m):	2.9			Stratum Desc: Brown Stiff Weathered Crust Silty Clay	

<u>9</u>	1 of 17	ESE/148.5	85.7	JDS FITEL INC. 8 COLONNADE RD., BLDG. 'D' NEPEAN ON K2E 7M6	CA
Certificate #:	8-4058-98-				
Application Year:	98				
Issue Date:	7/9/1998				
Approval Type:	Industrial air				
Status:	Approved				
Application Type:					
Client Name::					
Client Address::					
Client City::					
Client Postal Code::					
Project Description::	BUILDING 'D', FIRST FLOOR EXHAUST				
Contaminants::	Other Contaminant, Ozone				
Emission Control::	No Controls				

<u>9</u>	2 of 17	ESE/148.5	85.7	8 Colonnade Road Ottawa ON K2E 7M6	CA
Certificate #:					
Application Year:	02				
Issue Date:	8/22/02				
Approval Type:	Industrial air				
Status:	Cancelled				
Application Type:	New Certificate of Approval				
Client Name::	JDS Uniphase Inc.				
Client Address::	570 West Hunt Club Road				
Client City::	Nepean				
Client Postal Code::	K2G 5W8				
Project Description::	This application is for a Certificate of Approval for a limited flexible CofA for all processes with the building that discharge contaminants to the atmosphere, including ovens, fumehoods, and heaters. Components for Fiber Optic Networks are manufactured at this facility.				
Contaminants::					
Emission Control::					

<u>9</u>	3 of 17	ESE/148.5	85.7	Iogen Corporation 8 Colonnade Road Ottawa ON	CA
Certificate #:	0963-5NFJ6Q				
Application Year:	2003				
Issue Date:	6/12/2003				
Approval Type:	Air				
Status:	Revoked and/or Replaced				
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
9	4 of 17	ESE/148.5	85.7	JDS Fitel Inc. 8 Colonnade Road City of Nepean ON K2E 7M6	EBR
<p>Company Name: Notice Type: Instrument EBR Registry No.: IA8E0476 Instrument Type: EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air) Year: 1998 Ministry Ref. No.: Proposal Date: 4/21/98 Location: City of Nepean Proponent Address: JDS Fitel Inc.,570 West Hunt Club Road,Nepean, Ontario,K2G 5W8 Notice Date:</p>					
9	5 of 17	ESE/148.5	85.7	JDS Uniphase Inc 8 Colonnade Road Ottawa ON K2E 7M6	EBR
<p>Company Name: Notice Type: Instrument EBR Registry No.: IA01E0896 Instrument Type: EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air) Year: 2001 Ministry Ref. No.: Proposal Date: 6/25/01 Location: 8 Colonnade Road,Ottawa, Ontario, K2E 7M6Ottawa Proponent Address: JDS Uniphase Inc.2445 St. Laurent Boulevard,Ottawa, Ontario, K1G 6C3 Notice Date:</p>					
9	6 of 17	ESE/148.5	85.7	Iogen Corproation 8 Colonnade Road Ottawa ON K2E 7M6	EBR
<p>Company Name: Notice Type: Instrument EBR Registry No.: IA03E0325 Instrument Type: EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air) Year: 2003 Ministry Ref. No.: Proposal Date: 3/12/03 Location: 8 Colonnade Road,Ottawa, Ontario, K2E 7M6Ottawa Proponent Address: Iogen Corproation400 Hunt Club Road,Ottawa, Ontario, K1V 1C1 Notice Date:</p>					
9	7 of 17	ESE/148.5	85.7	NORTHERN TELECOM LTD. OPTICAL SYSTEMS DIVISION 8 COLONNADE ROAD NEPEAN ON K2E 7M6	GEN
<p>PO Box Num: Status: Country: Generator #: ON0132309 Approval Yrs.: 86,87,88,89,90 SIC Code: 4839 SIC Description: OTHER TELECOMMUN.</p>					

--Details--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER 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:		232			
Waste Description:		POLYMERIC RESINS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		114			
Waste Description:		OTHER INORGANIC ACID WASTES			

<u>9</u>	8 of 17	ESE/148.5	85.7	NORTHERN TELECOM LTD. (OUT OF BUSINESS) OPTICAL SYSTEMS DIVISION 8 COLONNADE ROAD NEPEAN ON K2E 7M6	GEN
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PO Box Num:

Status:

Country:

Generator #:

ON0132309

Approval Yrs.:

92,93,96,97,98

SIC Code:

4839

SIC Description:

OTHER TELECOMMUN.

--Details--

Waste Code:

114

Waste Description:

OTHER INORGANIC ACID WASTES

Waste Code:

122

Waste Description:

ALKALINE WASTES - OTHER 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:

232

Waste Description:

POLYMERIC RESINS

Waste Code:

241

Waste Description:

HALOGENATED SOLVENTS

Waste Code:

331

Waste Description:

WASTE COMPRESSED GASES

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
9	9 of 17	ESE/148.5	85.7	NORTHERN TELECOM LTD. 28-104 OPTICAL SYSTEMS DIVISION 8 COLONNADE ROAD NEPEAN ON K2E 7M6	GEN
PO Box Num: Status: Country: Generator #: ON0132309 Approval Yrs:: 94,95 SIC Code: 4839 SIC Description: OTHER TELECOMMUN.					
--Details--					
Waste Code: 114					
Waste Description: OTHER INORGANIC ACID WASTES					
Waste Code: 122					
Waste Description: ALKALINE WASTES - OTHER 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: 232					
Waste Description: POLYMERIC RESINS					
Waste Code: 241					
Waste Description: HALOGENATED SOLVENTS					
Waste Code: 331					
Waste Description: WASTE COMPRESSED GASES					
9	10 of 17	ESE/148.5	85.7	GVT.(OUT OF BUS) 8 COLONNADE ROAD NEPEAN ON K2G 5W8	GEN
PO Box Num: Status: Country: Generator #: ON0426518 Approval Yrs:: 93,97,98 SIC Code: 2811 SIC Description: BUSINESS FORMS PRINT					
--Details--					
Waste Code: 264					
Waste Description: PHOTOPROCESSING WASTES					
9	11 of 17	ESE/148.5	85.7	GVT. OF CAN. - REVENUE CANADA 8 COLONNADE ROAD NEPEAN ON K2G 5W8	GEN
PO Box Num:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Status:					
Country:					
Generator #:		ON0426518			
Approval Yrs.:		94,95,96			
SIC Code:		2811			
SIC Description:		BUSINESS FORMS PRINT			
--Details--					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			

<u>9</u>	12 of 17	ESE/148.5	85.7	JDS UNIPHASE 8 COLONNADE ROAD NEPEAN ON K2G 5W8	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON1312005			
Approval Yrs.:		99			
SIC Code:		4821			
SIC Description:		TELECOMMUN. CARRRIERS			
--Details--					
Waste Code:		114			
Waste Description:		OTHER INORGANIC ACID WASTES			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			

<u>9</u>	13 of 17	ESE/148.5	85.7	JDS UNIPHASE CORPORATION 8 COLONNADE ROAD NEPEAN ON K2G 5W8	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON1312005			
Approval Yrs.:		00,01			
SIC Code:		4821			
SIC Description:		TELECOMMUN. CARRRIERS			
--Details--					
Waste Code:		114			
Waste Description:		OTHER INORGANIC ACID WASTES			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			

<u>9</u>	14 of 17	ESE/148.5	85.7	JDS UNIPHASE Inc. 8 COLONNADE ROAD NEPEAN ON K2G 5W8	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON1312005			
Approval Yrs.:		02,03,04			
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		114			
Waste Description:		OTHER INORGANIC ACID WASTES			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		146			
Waste Description:		OTHER SPECIFIED INORGANICS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			

<u>9</u>	15 of 17	ESE/148.5	85.7	Iogen Corporation 8 Colonnade Road Nepean ON K2G 5W8	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON4938487			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Approval Yrs:: SIC Code: SIC Description:		02,03,04,05,06			
--Details--					
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		113			
Waste Description:		ACID WASTE - OTHER METALS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
9	16 of 17	ESE/148.5	85.7	Iogen Corporation 8 Colonnade Rd Ottawa ON K2E 7M6	PAP
Division:					
Mailing Address::		8 Colonnade Rd, Ottawa ON K2E 7M6			
Year:		2009			
Company ID:		1974354201			
Mill Notes::					
History::					
Operation:					
Type:					
Status::		Inactive			
9	17 of 17	ESE/148.5	85.7	Iogen Corporation 8 Colonnade Rd Nepean ON K2E 7M6	SCT
Established:		1988			
Plant Size (ft²):					
Employment:		180			
--Details--					
Description:		Other Basic Organic Chemical Manufacturing			
SIC/NAICS Code:		325190			
Description:		Pharmaceutical and Medicine Manufacturing			
SIC/NAICS Code:		325410			
10	1 of 1	WSW/156.9	84.6	ON	BORE
Borehole ID:		802187		Type:	Borehole
Use:		Geotechnical/Geological Investigation		Status::	
Drill Method::		Hollow stem auger		UTM Zone::	18
Easting::		443076.89		Northing::	5021087.85
Location Accuracy::				Orig. Ground Elev m::	85.2
Elev. Reliability Note::				DEM Ground Elev m::	82.9
Total Depth m::		12.6		Primary Name::	BH L6

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Township::				Concession::	
Lot::				Municipality:	
Completion Date:: 11-JUL-1973				Static Water Level:: 3.3	
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID: 218571148				Top Depth(m): 0.0	
Bottom Depth(m): 0.3				Stratum Desc: Topsoil	
Stratum ID: 218571149				Top Depth(m): 0.3	
Bottom Depth(m): 1.2				Stratum Desc: Grey-Brown Very Stiff Silty Clay	
Stratum ID: 218571150				Top Depth(m): 1.2	
Bottom Depth(m): 7.9				Stratum Desc: Grey Very Loose to Compact Sand With: Gr Trace: Si	
Stratum ID: 218571151				Top Depth(m): 7.9	
Bottom Depth(m): 9.2				Stratum Desc: Grey Compact Till sand silt	
Stratum ID: 218571152				Top Depth(m): 9.2	
Bottom Depth(m): 12.6				Stratum Desc: Grey Bedrock Limestone	

[11](#) 1 of 1 ENE/157.2 84.9 ON **BORE**

Borehole ID: 802186				Type: Borehole	
Use: Geotechnical/Geological Investigation				Status::	
Drill Method:: Hollow stem auger				UTM Zone:: 18	
Easting:: 443370.01				Northing:: 5021198.88	
Location Accuracy::				Orig. Ground Elev m:: 85.6	
Elev. Reliability Note::				DEM Ground Elev m:: 85.8	
Total Depth m:: 15.1				Primary Name:: BH L5	
Township::				Concession::	
Lot::				Municipality:	
Completion Date:: 10-JUL-1973				Static Water Level:: 3	
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID: 218571142				Top Depth(m): 0.0	
Bottom Depth(m): 0.2				Stratum Desc: Topsoil	
Stratum ID: 218571143				Top Depth(m): 0.2	
Bottom Depth(m): 0.8				Stratum Desc: Weathered Crust Silty Clay	
Stratum ID: 218571144				Top Depth(m): 0.8	
Bottom Depth(m): 4.0				Stratum Desc: Brown Loose Sand Trace: Si	
Stratum ID: 218571145				Top Depth(m): 4.0	
Bottom Depth(m): 9.4				Stratum Desc: Grey Loose Sand Trace: Si	
Stratum ID: 218571146				Top Depth(m): 9.4	
Bottom Depth(m): 13.8				Stratum Desc: Grey Compact to Very Dense Till sand silt With: Cl W Gr W Cob W Blds	
Stratum ID: 218571147				Top Depth(m): 13.8	
Bottom Depth(m): 15.1				Stratum Desc: Grey Bedrock Sandstone	

[12](#) 1 of 1 SE/182.4 86.0 ON **BORE**

Borehole ID: 847716	Type: Borehole
----------------------------	-----------------------

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Use:	Geotechnical/Geological Investigation			Status::	Decommissioned
Drill Method::	Diamond Drill			UTM Zone::	18
Easting::	443329			Northing::	5021007
Location Accuracy::				Orig. Ground Elev m::	86.7
Elev. Reliability Note::				DEM Ground Elev m::	86.1
Total Depth m::	25.3			Primary Name::	
Township::	NEPEAN			Concession::	BROKEN FRONT A
Lot::	LOT 30			Municipality:	
Completion Date::	29-MAY-1971			Static Water Level::	1.7
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	6558657			Top Depth(m):	0.0
Bottom Depth(m):	0.5			Stratum Desc:	SANDY TOPSOIL
Stratum ID:	6558658			Top Depth(m):	0.5
Bottom Depth(m):	1.7			Stratum Desc:	SANDY SILT TO SILTY SAND OCCASIONAL LAYERS
Stratum ID:	6558659			Top Depth(m):	1.7
Bottom Depth(m):	5.9			Stratum Desc:	CLAYEY SILT TRACE OF SAND GREY FIRM TO STIFF
Stratum ID:	6558660			Top Depth(m):	5.9
Bottom Depth(m):	22.7			Stratum Desc:	GRAVELLY SAND TRACE OF SILT GREY COMPACT TO DENSE SAND TRACE TO SOME SILT AND GRAVEL GREY COMPACT TO VERY DENSE BOULDERY ZONE BOULDERS UP TO 7in. IN SIZE
Stratum ID:	6558661			Top Depth(m):	22.7
Bottom Depth(m):	25.3			Stratum Desc:	FRACTURED DOLOMITE TO SANDY DOLOMITE BEDROCK IRREGULAR SANDSTONE INCLS GREY SOUND

13	1 of 1	SSW/188.1	85.7	lot 29 con A ON	WWIS
Well ID:	1504392			Lot:	029
Construction Date::				Concession:	A
Primary Water Use::	Domestic			Concession Name:	RF
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Water Supply			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	NEPEAN TOWNSHIP			UTM Reliability::	
County:	OTTAWA-CARLETON				
Bore Hole Information					
--	--				
Bore Hole ID:	10026435				
DP2BR:	50				
Code OB:	r				
Code OB Description:	Bedrock				
Open Hole:					
Date Completed:	11-SEP-60				
Remarks:					
Zone:	18				
East 83:	443140.7				
North 83:	5020982				
UTMRC:	5				
UTMRC Description:	margin of error : 100 m - 300 m				
Location Method:	p5				
Org CS:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Elevation:		86.94			
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock Materials Interval					
--		--			
Formation ID:		930999365			
Layer:		1			
General Color:		BLUE			
Most Common Material:		CLAY			
Other Materials:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		930999366			
Layer:		2			
General Color:					
Most Common Material:		MEDIUM SAND			
Other Materials:		BOULDERS			
Other Materials:					
Formation Top Depth:		40			
Formation End Depth:		50			
Formation End Depth UOM:		ft			
--		--			
Formation ID:		930999367			
Layer:		3			
General Color:		GREY			
Most Common Material:		LIMESTONE			
Other Materials:					
Other Materials:					
Formation Top Depth:		50			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		961504392			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		10575005			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930045595			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		53			
Casing Diameter:		6			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Casing ID:		930045596			
Layer:		2			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		60			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		991504392			
Pump Set At:					
Static Level:		25			
Final Level After Pumping:		50			
Recommended Pump Depth:		50			
Pumping Rate:		50			
Flowing Rate:					
Recommended Pump Rate:		50			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
--		--			
Water Details					
--		--			
Water ID:		933457564			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		59			
Water Found Depth UOM:		ft			
--		--			
--		--			

[14](#) 1 of 1 E/191.4 85.6 8, 14, 24 Colonnade Rd Ottawa ON EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20010926003
Addit. Info Ordered::
Report Date: 10/2/01
Report Type: Basic Report
Search Radius (km): 0.40

[15](#) 1 of 1 E/203.3 85.8 8 Colonnade Rd Ottawa ON K2E7M6 EHS

Postal Code: K2E7M6
City: Ottawa
Address2:
Address1: 8 Colonnade Rd

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation Top Depth:		1.5			
Formation End Depth:		2.13			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1003931392			
Layer:		3			
General Color:		BROWN			
Most Common Material:		FINE SAND			
Other Materials:		SOFT			
Other Materials:		WATER-BEARING			
Formation Top Depth:		2.13			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
--		--			
Annular Space/Abandonment Sealing Record					
--		--			
Plug ID:		1003931400			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
--		--			
Plug ID:		1003931401			
Layer:		2			
Plug From:		.31			
Plug To:		1.22			
Plug Depth UOM:		m			
--		--			
Plug ID:		1003931402			
Layer:		3			
Plug From:		1.22			
Plug To:		4.57			
Plug Depth UOM:		m			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		1003931399			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		1003931389			
Casing Number:		0			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		1003931395			
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.5			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1003931396			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Slot:		10			
Screen Top Depth:		1.5			
Screen End Depth:		4.57			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
--		--			
Hole Diameter					
--		--			
Hole ID:		1003931393			
Diameter:		8.25			
Depth From:		0			
Depth To:		4.57			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--		--			
--		--			

[17](#) 1 of 1 ENE/218.1 85.1 Ottawa ON WWIS

Well ID:	7167206	Lot:	
Construction Date::		Concession:	
Primary Water Use::	Monitoring and Test Hole	Concession Name:	
Sec. Water Use::		Easting NAD83::	
Final Well Status::	Test Hole	Northing NAD83::	
Specific Capacity::		Zone::	
Municipality:	NEPEAN TOWNSHIP	UTM Reliability::	
County:	OTTAWA-CARLETON		

Bore Hole Information

--

Bore Hole ID: 1003549177

DP2BR:

Code OB:

Code OB Description:

Open Hole:

Date Completed: 07-JUN-11

Remarks:

Zone: 18

East 83: 443429

North 83: 5021214

UTMRC: 3

UTMRC Description: margin of error : 10 - 30 m

Location Method: wwr

Org CS: UTM83

Elevation:

Elevrc:

Elevrc Description:

Location Source Date:

Source Revision Comment:

Improvement Location Source:

Improvement Location Method:

Supplier Comment:

Spatial Status:

--

Overburden and Bedrock

Materials Interval

--

Formation ID: 1003931443

Layer: 1

General Color: BROWN

Most Common Material: FINE SAND

Other Materials: GRAVEL

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Other Materials:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		2.44			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1003931444			
Layer:		2			
General Color:		BROWN			
Most Common Material:		FINE SAND			
Other Materials:		SOFT			
Other Materials:		SOFT			
Formation Top Depth:		2.44			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1003931445			
Layer:		3			
General Color:		BROWN			
Most Common Material:		FINE SAND			
Other Materials:		SOFT			
Other Materials:		WATER-BEARING			
Formation Top Depth:		4.57			
Formation End Depth:		6.1			
Formation End Depth UOM:		m			
--		--			
Annular Space/Abandonment Sealing Record					
--		--			
Plug ID:		1003931453			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
--		--			
Plug ID:		1003931454			
Layer:		2			
Plug From:		.31			
Plug To:		2.74			
Plug Depth UOM:		m			
--		--			
Plug ID:		1003931455			
Layer:		3			
Plug From:		2.74			
Plug To:		6.1			
Plug Depth UOM:		m			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		1003931452			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		1003931442			
Casing Number:		0			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		1003931448			
Layer:		1			
Open Hole or Material:		PLASTIC			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth From:		0			
Depth To:		3.1			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1003931449			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.1			
Screen End Depth:		6.1			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
--		--			
Hole Diameter					
--		--			
Hole ID:		1003931446			
Diameter:		8.25			
Depth From:		0			
Depth To:		6.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--		--			
--		--			

[18](#) 1 of 1 **E/218.5** **85.1** **15 Colonnade Road
Ottawa ON** **EHS**

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20110530008
Addit. Info Ordered:: Fire Insur. Maps and/or Site Plans; City Directory
Report Date: 6/1/2011
Report Type: Custom Report
Search Radius (km): 0.25

[19](#) 1 of 1 **SSE/224.0** **87.5** **EAST PAKENHAM
ON** **MNR**

MDI Num: MDI31F08SW00024 Geological District:: SOUTHEASTERN ONTARIO
OGF ID: 205262602 Easting: 400027.024
Mining Division:: Northing: 5021473.079
Zone: 18 Claim Map: N/A
Access Description: N/A
Deposit Status: PAST PRODUCING MINE WITHOUT RESERVES

--Details--
Year: 1993 Twp/Area: PAKENHAM
Deposit Charactr: Con/Lot/Sec: LOT: 11 Con: 12
Commodity: LIMESTONE (BUILDING STONES)

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
20	1 of 1	W/236.2	84.5	lot 30 con A NEPEAN ON	WWIS
Well ID:	7241192			Lot:	030
Construction Date::				Concession:	A
Primary Water Use::	Test Hole			Concession Name:	RF
Sec. Water Use::	Not Used			Easting NAD83::	
Final Well Status::	Abandoned Monitoring and Test Hole			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	NEPEAN TOWNSHIP			UTM Reliability::	
County:	OTTAWA-CARLETON				

Bore Hole Information

--
Bore Hole ID: 1005347657
DP2BR:
Code OB:
Code OB Description:
Open Hole:
Date Completed: 23-MAR-15
Remarks:
Zone: 18
East 83: 442986
North 83: 5021119
UTMRC: 4
UTMRC Description: margin of error : 30 m - 100 m
Location Method: wwr
Org CS: UTM83
Elevation:
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:

**Overburden and Bedrock
Materials Interval**

--
Formation ID: 1005613230
Layer: 1
General Color: GREY
Most Common Material: FILL
Other Materials: GRAVEL
Other Materials:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: m
--
Formation ID: 1005613231
Layer: 2
General Color: BROWN
Most Common Material: SAND
Other Materials:
Other Materials:
Formation Top Depth: 1
Formation End Depth: 6
Formation End Depth UOM: m
--
Formation ID: 1005613232
Layer: 3
General Color: GREY
Most Common Material: SILT
Other Materials:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Other Materials:					
Formation Top Depth:		6			
Formation End Depth:		7.32			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1005613233			
Layer:		4			
General Color:		GREY			
Most Common Material:		TILL			
Other Materials:					
Other Materials:					
Formation Top Depth:		7.32			
Formation End Depth:		7.62			
Formation End Depth UOM:		m			
--		--			
Annular Space/Abandonment Sealing Record					
--		--			
Plug ID:		1005613251			
Layer:		1			
Plug From:		0			
Plug To:		2.44			
Plug Depth UOM:		m			
--		--			
Plug ID:		1005613252			
Layer:		2			
Plug From:		.46			
Plug To:		7.33			
Plug Depth UOM:		m			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		1005613250			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		HSA			
--		--			
Pipe Information					
--		--			
Pipe ID:		1005613228			
Casing Number:		0			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		1005613236			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:		.6			
Depth To:		6.11			
Casing Diameter:		13			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1005613237			
Layer:		1			
Slot:		10			
Screen Top Depth:		6.11			
Screen End Depth:		7.33			
Screen Material:		1			
Screen Depth UOM:		m			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>	<i>DB</i>
Screen Diameter UOM:		cm			
Screen Diameter:		13.97			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		1005613229			
Pump Set At:		6.7			
Static Level:		3.53			
Final Level After Pumping:		6.72			
Recommended Pump Depth:					
Pumping Rate:		30			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		0			
Pumping Duration HR:		0			
Pumping Duration MIN:		2			
Flowing:					
--		--			
Draw Down & Recovery					
--		--			
Pump Test Detail ID:		1005613238			
Pump Test ID:		1005613229			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		5.86			
Test Level UOM:		m			
--		--			
Pump Test Detail ID:		1005613239			
Pump Test ID:		1005613229			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		5.72			
Test Level UOM:		m			
--		--			
Pump Test Detail ID:		1005613240			
Pump Test ID:		1005613229			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		6.72			
Test Level UOM:		m			
--		--			
Pump Test Detail ID:		1005613241			
Pump Test ID:		1005613229			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		4.95			
Test Level UOM:		m			
--		--			
Pump Test Detail ID:		1005613242			
Pump Test ID:		1005613229			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		4.41			
Test Level UOM:		m			
--		--			
Pump Test Detail ID:		1005613243			
Pump Test ID:		1005613229			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		4.1			
Test Level UOM:		m			
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<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>Pump Test Detail ID:</i>		1005613244			
<i>Pump Test ID:</i>		1005613229			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		3.89			
<i>Test Level UOM:</i>		m			
--		--			
<i>Pump Test Detail ID:</i>		1005613245			
<i>Pump Test ID:</i>		1005613229			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		3.56			
<i>Test Level UOM:</i>		m			
--		--			
<i>Pump Test Detail ID:</i>		1005613246			
<i>Pump Test ID:</i>		1005613229			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		3.535			
<i>Test Level UOM:</i>		m			
--		--			
<i>Pump Test Detail ID:</i>		1005613247			
<i>Pump Test ID:</i>		1005613229			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		3.53			
<i>Test Level UOM:</i>		m			
--		--			
--		--			
<i>Water Details</i>					
--		--			
<i>Water ID:</i>		1005613235			
<i>Layer:</i>		1			
<i>Kind Code:</i>		8			
<i>Kind:</i>		Untested			
<i>Water Found Depth:</i>		6.11			
<i>Water Found Depth UOM:</i>		m			
--		--			
<i>Hole Diameter</i>					
--		--			
<i>Hole ID:</i>		1005613234			
<i>Diameter:</i>		25.4			
<i>Depth From:</i>		0			
<i>Depth To:</i>		7.32			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			
--		--			
--		--			

[21](#) 1 of 4 SW/249.0 83.2 1067005 Ontario Ltd.
Colonnade Road and Merivale Road
City of Ottawa ON ECA

Record Type:
PDF URL:
Full Address: Colonnade Road and Merivale Road City of Ottawa
CofA Number: 0951-9LZHSC
Date: 7/17/14
Status: Approved
Project Type: Municipal and Private Sewage

[21](#) 2 of 4 SW/249.0 83.2 SHELL CANADA LTD.
P.O. BOX 5029, STATION "F" MERIVALE ROAD GEN

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
				SOUTH OF COLONADE STREET OTTAWA ON K2C 3K8	
				PO Box Num: Status: Country: Generator #: ON0005120 Approval Yrs:: 86,87 SIC Code: 5111 SIC Description: PETROLEUM PROD., WH.	
				--Details-- Waste Code: 213 Waste Description: PETROLEUM DISTILLATES Waste Code: 221 Waste Description: LIGHT FUELS Waste Code: 251 Waste Description: OIL SKIMMINGS & SLUDGES	
21	3 of 4	SW/249.0	83.2	SHELL CANADA PRODUCTS LTD. P.O. BOX 5029, STATION "F" MERIVALE ROAD SOUTH OF COLONADE STREET OTTAWA ON K2C 3K8	GEN
				PO Box Num: Status: Country: Generator #: ON0005120 Approval Yrs:: 88,89,90 SIC Code: 5111 SIC Description: PETROLEUM PROD., WH.	
				--Details-- Waste Code: 213 Waste Description: PETROLEUM DISTILLATES Waste Code: 221 Waste Description: LIGHT FUELS Waste Code: 251 Waste Description: OIL SKIMMINGS & SLUDGES Waste Code: 252 Waste Description: WASTE OILS & LUBRICANTS	
21	4 of 4	SW/249.0	83.2	City of Ottawa Colonnade/Merivale Roads Ottawa ON	SPL
				Ref NO: 6008-7ABRCY Contaminant Code: 27 Contaminant Name: COOLANT (N.O.S.) Contaminant Quantity: 30 L Incident Cause:: Pipe Or Hose Leak Incident Dt: Incident Reason:: Other - Reason not otherwise defined Incident Summary:: OC Transpo: 30 L coolant to rd, some to cb, cleaning MOE Reported Dt: 12/28/2007 Environmental Impact:: Not Anticipated	

<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>Nature of Impact::</i>		Soil and Water			
<i>Receiving Medium::</i>		Land & Water			
<i>SAC Action Class:</i>					
<i>Sector Source Type:</i>		Transport Truck			
<i>Site Municipality:</i>		Ottawa			

Unplottable Summary

Total: **55** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	ANUK HOLDINGS LTD.- BLK.3,PLAN 4M-720	ROYDON PLACE	NEPEAN CITY ON	
CA	ASELFORD-MARTIN LTD.	COLONNADE RD.N.	NEPEAN ON	
CA	ASELFORD-MARTIN LTD.	COLONNADE RD.N.	NEPEAN ON	
CA	MINTO CONSTRUCTION	MERIVALE BYPASS	NEPEAN CITY ON	
CA	MID CANADA CONSTRUCTION LTD.	ACCESS RD. W. OF MERIVALE RD.	NEPEAN CITY ON	
CA	MR. G. PASQUA HELMER STRANKS COLE ARCHIT	K-MART PLAZA, MERIVALE ROAD	NEPEAN CITY ON	
CA	MINTO CONSTRUCTION LTD.	MERIVALE RD.	NEPEAN CITY ON	
CA	J. PEREZ CONSTRUCTION LTD.	MERIVALE RD.	NEPEAN CITY ON	
CA	JAMES STEWART	MERIVALE RD.	NEPEAN CITY ON	
CA	MINTO CONSTRUCTION LTD.	MERIVALE RD. EAST SIDE	NEPEAN CITY ON	
CA	R.M. OF OTTAWA-CARLETON	MERIVALE RD. RECONT. WOODFIELD	NEPEAN CITY ON	
CA	JAMES STEWART	MERIVALE RD. STEWART FUELS	NEPEAN CITY ON	
CA	SHELL CANADA PRODUCTS LIMITED	MERIVALE RD., BULK TANK FARM	NEPEAN CITY ON	
CA	City of Nepean	MERIVALE RD./S.W.MGT	NEPEAN CITY ON	
CA		Merivale Road	Nepean ON	
CA		Merivale Road	Nepean ON	
CA	City of Ottawa	Works within an easement adjacent to Merivale Rd	Ottawa ON	
CA	SUNNY JIM HOLDINGS LTD.	MERIVALE IND. SUBD. ROYDON PL.	NEPEAN CITY ON	

CA	SUNNY JIM HOLDINGS LTD.	MERIVALE IND. SUBD. ROYDON PL.	NEPEAN CITY ON	
CA	COLONNADE DEVELOPMENTS INC.	COLONNADE RD.	NEPEAN CITY ON	
CA	ANUK HOLDINGS LTD.- BLK.3,RP 4M-720/CON-B	ROYDON PLACE	NEPEAN CITY ON	
CONV	SHELL CANADA PRODUCTS LIMITED		DON MILLS ON	
EBR	JDS Fitel Inc.		City of Nepean ON	
EBR	JDS Fitel Inc.		City of Nepean ON	
ECA	Mattamy (Fernbank) Limited	Lot 29	City of Ottawa ON	
ECA	2129786 Ontario Limited	Lot 29 and 30,	City of Ottawa ON	
ECA	Shell Canada Limited	Nepean	Ottawa ON	
GEN	Bentall Kennedy (Canada) LP	Colonnade Rd.	Ottawa ON	K2E 3T5
GEN	7770251 CANADA INC	MERIVALE ROAD	OTTAWA ON	
GEN	Bentall Kennedy (Canada) LP	Colonnade Rd.	Ottawa ON	K2E 3T5
GEN	PETRO-CANADA PRODUCTS	OTTAWA TERMINAL - GULF MERIVALE ROAD	OTTAWA ON	K2C 3G1
HINC		OLD HIGHWAY 17	OTTAWA ON	
NPCB	WILLIAMS OPERATING CORPORATION	HEMLO GOLD FIELD WILLIAMS MINE SITE HWY 17	ON	P0T 2E0
NPCB	ONTARIO HYDRO	CONG.1, RF LOT 29,30 R.M. OTTAWA CARLETON	NEPEAN ON	
PRT	SHELL CANADA PRODUCTS LTD	MERIVALE RD	OTTAWA ON	
RST	MR GAS LTD	HWY 17 ARNPRIOR	OTTAWA ON	K0A 2H0
RST	ROB'S SHELL	RR 66 LCD S	OTTAWA ON	K1T 3Z4
SPL	Shell Canada Products Limited	Shell Canada	Ottawa ON	
SPL		Hwy 17 where crosses South Indian Creek (Limoges Casselman Construction Site)<UNOFFICIAL>	Ottawa ON	
SPL	CONSTRUCTION SITE	MISSISSIPPI BRIDGE CONST. SITE, 300 M WEST OF HWY 17, 3.5 KM N OF ANTRIM (N.O.S.)	OTTAWA CITY ON	

SPL	CRAWFORD TRANSPORT	ON HWY. 17 AT THE PLACE D'ORLEANS ABOUT 5 MI. EAST OF OTTAWA MOTOR VEHICLE (OPERATING FLUID)	OTTAWA-CARLETON R.M. ON	
SPL	SHELL CANADA PRODUCTS LTD.	NICHOLS SERVICE STATION, HIGHWAY MARKET, RR 1 WOODLAWN, WEST CARLETON SERVICE STATION	OTTAWA-CARLETON R.M. ON	K1T 3Z4
SPL	CANADIAN NATIONAL RAILWAY	CN RAILLINE FROM BELLS CORNERS TO MERIVALE ROAD. TRAIN	NEPEAN CITY ON	
SPL	ONTARIO HYDRO	MERIVALE RD TRANSFORMER STATION TRANSFORMER	NEPEAN CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	City of Ottawa	Merivale Rd Southbound, just before Meadowlands	Ottawa ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	SERVICE STATION	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	

Unplottable Report

Site: ANUK HOLDINGS LTD.-BLK.3,PLAN 4M-720
ROYDON PLACE NEPEAN CITY ON

Database:
CA

Certificate #: 7-0842-91-91
Application Year: 91
Issue Date: 7/16/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ASELFORD-MARTIN LTD.
COLONNADE RD.N. NEPEAN ON

Database:
CA

Certificate #: 3-1144-85-006
Application Year: 85
Issue Date: 10/4/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ASELFORD-MARTIN LTD.
COLONNADE RD.N. NEPEAN ON

Database:
CA

Certificate #: 7-0839-85-006
Application Year: 85
Issue Date: 10/4/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: MINTO CONSTRUCTION
MERIVALE BYPASS NEPEAN CITY ON

Database:
CA

Certificate #: 3-0631-87-
Application Year: 87

Issue Date: 5/4/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: MID CANADA CONSTRUCTION LTD.
ACESS RD. W. OF MERIVALE RD. NEPEAN CITY ON

Database:
CA

Certificate #: 3-0198-89-
Application Year: 89
Issue Date: 2/17/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: MR. G. PASQUA HELMER STRANKS COLE ARCHIT
K-MART PLAZA, MERIVALE ROAD NEPEAN CITY ON

Database:
CA

Certificate #: 8-4088-89-
Application Year: 89
Issue Date: 8/17/1989
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description:: RESTAURANT EXHAUST
Contaminants::
Emission Control::

Site: MINTO CONSTRUCTION LTD.
MERIVALE RD. NEPEAN CITY ON

Database:
CA

Certificate #: 3-0874-85-006
Application Year: 85
Issue Date: 8/14/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: J. PEREZ CONSTRUCTION LTD.
MERIVALE RD. NEPEAN CITY ON

Database:
CA

Certificate #: 3-1266-86-
Application Year: 86
Issue Date: 9/10/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: JAMES STEWART
MERIVALE RD. NEPEAN CITY ON

Database:
CA

Certificate #: 7-1585-88-
Application Year: 88
Issue Date: 10/6/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: MINTO CONSTRUCTION LTD.
MERIVALE RD. EAST SIDE NEPEAN CITY ON

Database:
CA

Certificate #: 7-0594-85-006
Application Year: 85
Issue Date: 7/25/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: R.M. OF OTTAWA-CARLETON
MERIVALE RD. RECONT. WOODFIELD NEPEAN CITY ON

Database:
CA

Certificate #: 3-0317-88-
Application Year: 88
Issue Date: 3/17/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::

Contaminants::
Emission Control::

Site: JAMES STEWART
MERIVALE RD. STEWART FUELS NEPEAN CITY ON

Database:
CA

Certificate #: 3-1845-88-
Application Year: 88
Issue Date: 10/6/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: SHELL CANADA PRODUCTS LIMITED
MERIVALE RD., BULK TANK FARM NEPEAN CITY ON

Database:
CA

Certificate #: 4-0099-91-
Application Year: 91
Issue Date: 11/14/1991
Approval Type: Industrial wastewater
Status: Cancelled
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description:: MODIFY OIL/WATER SEPARATOR
Contaminants::
Emission Control::

Site: City of Nepean
MERIVALE RD./S.W.MGT NEPEAN CITY ON

Database:
CA

Certificate #: 3-1378-92-
Application Year: 92
Issue Date: 11/30/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: Merivale Road Nepean ON

Database:
CA

Certificate #: 6408-4PJHR7
Application Year: 00
Issue Date: 9/27/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval

Client Name:: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address:: 111 Lisgar Street
Client City:: Ottawa
Client Postal Code:: K2P 2L7
Project Description:: Installation of watermains and appurtenances in Merivale Road from Amberwood Crescent to approximately 100 m north of Fallowfield Road.
Contaminants::
Emission Control::

Site: *Merivale Road Nepean ON* **Database:** *CA*
Certificate #: 0030-4N8JQX
Application Year: 00
Issue Date: 8/17/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address:: 111 Lisgar Street
Client City:: Ottawa
Client Postal Code:: K2P 2L7
Project Description:: Installation of watermains on Merivale Road, Boyce Street
Contaminants::
Emission Control::

Site: *City of Ottawa Works within an easement adjacent to Merivale Rd Ottawa ON* **Database:** *CA*
Certificate #: 0702-82CL4A
Application Year: 2010
Issue Date: 2/8/2010
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: *SUNNY JIM HOLDINGS LTD. MERIVALE IND. SUBD. ROYDON PL. NEPEAN CITY ON* **Database:** *CA*
Certificate #: 7-0740-89-
Application Year: 89
Issue Date: 5/9/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: *SUNNY JIM HOLDINGS LTD. MERIVALE IND. SUBD. ROYDON PL. NEPEAN CITY ON* **Database:** *CA*
Certificate #: 3-0849-89-

Application Year: 89
Issue Date: 5/9/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: COLONNADE DEVELOPMENTS INC.
COLONNADE RD. NEPEAN CITY ON

Database:
CA

Certificate #: 3-0192-87-
Application Year: 87
Issue Date: 3/5/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ANUK HOLDINGS LTD.-BLK.3,RP 4M-720/CON-B
ROYDON PLACE NEPEAN CITY ON

Database:
CA

Certificate #: 3-1064-91-
Application Year: 91
Issue Date: 7/16/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: SHELL CANADA PRODUCTS LIMITED
DON MILLS ON

Database:
CONV

File No.:
Publication Title:
Publication City:
Url:
Crown Brief No.:
Ministry District:
Region: SOUTH EAST REGION
Description:: DISCHARGING A CONTAMINANT - ADVERSE EFFECT

--Details--

Publication Date:
Count: 1
Act: EPA
Act/Regulation/Section: EPA- -13(1)

Date Charged: 92/05/12
Charge Disposition:
Fine: 90000

Site: *JDS Fitel Inc.
City of Nepean ON*

Database:
EBR

Company Name:
Notice Type: Instrument
EBR Registry No.: IA8E0293
Instrument Type: EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air)
Year: 1998
Ministry Ref. No.:
Proposal Date: 3/4/98
Location: City of Nepean
Proponent Address: JDS Fitel Inc.,570 West Hunt Club Road,Nepean, Ontario,K2G 5W8
Notice Date:

Site: *JDS Fitel Inc.
City of Nepean ON*

Database:
EBR

Company Name:
Notice Type: Instrument
EBR Registry No.: IA8E0227
Instrument Type: EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air)
Year: 1998
Ministry Ref. No.:
Proposal Date: 2/25/98
Location: City of Nepean
Proponent Address: JDS Fitel Inc.,570 West Hunt Club Road,Nepean, Ontario,K2G 5W8
Notice Date:

Site: *Mattamy (Fernbank) Limited
Lot 29 City of Ottawa ON*

Database:
ECA

Record Type:
PDF URL: <https://www.accessenvironment.ene.gov.on.ca/instruments/8227-A5UKLL-14.pdf>
Full Address: Property Lot 29, Concession 11 (JD Barnes M-Plan) City of Ottawa, Ontario
CofA Number: 1350-A6QM2B
Date: 2016-02-04
Status: Approved
Project Type: Municipal and Private Sewage Works

Site: *2129786 Ontario Limited
Lot 29 and 30, City of Ottawa ON*

Database:
ECA

Record Type:
PDF URL:
Full Address: Pond 7 in Blackstone in the Fernbank Community Lot 29 and 30, Concession 10, Goulbourn City of Ottawa
CofA Number: 3241-9FJRQ7
Date: 23-JAN-14
Status: Approved
Project Type: Municipal and Private Sewage

Site: *Shell Canada Limited
Nepean Ottawa ON*

Database:
ECA

Record Type:
PDF URL:
Full Address:
CofA Number: 1454-96LJDX
Date: 19-APR-13

Status: Approved
Project Type: Industrial Sewage

Site: Bentall Kennedy (Canada) LP
Colonnade Rd. Ottawa ON K2E 3T5

Database:
GEN

PO Box Num:
Status:
Country:
Generator #: ON5616788
Approval Yrs:: 2010
SIC Code: 531310
SIC Description: Real Estate Property Managers

--Details--
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Site: 7770251 CANADA INC
MERIVALE ROAD OTTAWA ON

Database:
GEN

PO Box Num:
Status:
Country:
Generator #: ON6163455
Approval Yrs:: 2013
SIC Code: 812320
SIC Description: DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

--Details--
Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Site: Bentall Kennedy (Canada) LP
Colonnade Rd. Ottawa ON K2E 3T5

Database:
GEN

PO Box Num:
Status:
Country:
Generator #: ON5616788
Approval Yrs:: 2011
SIC Code: 531310
SIC Description: Real Estate Property Managers

--Details--
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Site: PETRO-CANADA PRODUCTS
OTTAWA TERMINAL - GULF MERIVALE ROAD OTTAWA ON K2C 3G1

Database:
GEN

PO Box Num:
Status:
Country:
Generator #: ON0031027
Approval Yrs:: 98
SIC Code: 3611
SIC Description: REFINED PETRO. PROD.

--Details--

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

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: WILLIAMS OPERATING CORPORATION
HEMLO GOLD FIELD WILLIAMS MINE SITE HWY 17 ON P0T 2E0

Database:
NPCB

Company Code: F1510
Industry: UNDEFINED
Site Status:
Transaction Date:
Inspection Date:

--Details--

Label: F151004
Serial No.:
PCB Type/Code: OTHER WASTE/LOW
Location:
Item/State: CTNR DEBRIS. ETC/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR DISPOSAL
Contents: 2565 KG

Label: F151002
Serial No.:
PCB Type/Code: MINERAL OIL/UNKNOWN
Location:
Item/State: BARREL MINERAL OIL/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR DISPOSAL
Contents: 136 KG

Label: F151000
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: CAPACITOR/FULL
No. of Items: 2
Manufacturer:
Status: STORED FOR DISPOSAL

Contents: 100 KG
Label: F151001
Serial No.:
PCB Type/Code: OTHER WASTE/HIGH
Location:
Item/State: CTNR DEBRIS. ETC/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR DISPOSAL
Contents: 2778 KG

Label: F151003
Serial No.:
PCB Type/Code: OTHER WASTE/LOW
Location:
Item/State: CTNR SOIL/GRAVEL/FULL
No. of Items: 1
Manufacturer:
Status: STORED FOR DISPOSAL
Contents: 70 KG

Site: **ONTARIO HYDRO**
CONG.1, RF LOT 29,30 R.M. OTTAWA CARLETON NEPEAN ON

Database:
NPCB

Company Code: O0910
Industry: UTILITY
Site Status:
Transaction Date: 5/31/1988
Inspection Date:

Site: **SHELL CANADA PRODUCTS LTD**
MERIVALE RD OTTAWA ON

Database:
PRT

Location ID: 11000
Type: retail
Expiry Date: 1995-12-31
Capacity (L): 8280000
Licence #: 0022412017

Site: **MR GAS LTD**
HWY 17 ARNPRIOR OTTAWA ON K0A 2H0

Database:
RST

Code: 1186800
Facility: Service Stations-Gasoline, Oil & Natural Gas
Description:
List Name:

Site: **ROB'S SHELL**
RR 66 LCD S OTTAWA ON K1T 3Z4

Database:
RST

Code: 1186800
Facility: Service Stations-Gasoline, Oil & Natural Gas
Description:
List Name:

Site: **Shell Canada Products Limited**
Shell Canada Ottawa ON

Database:
SPL

Ref NO: 6267-5M2K7H
Contaminant Code: 12
Contaminant Name: GASOLINE

Contaminant Quantity: 1 L
Incident Cause::
Incident Dt: 4/28/2003
Incident Reason::
Incident Summary:: Shell - 1L gasoline
MOE Reported Dt: 4/28/2003
Environmental Impact:: Possible
Nature of Impact:: Other Impact(s)
Receiving Medium:: Land
SAC Action Class: Spills
Sector Source Type:
Site Municipality: Ottawa

Site: Hwy 17 where crosses South Indian Creek (Limoges Casselman Construction Site)<UNOFFICIAL> Ottawa ON

Database:
[SPL](#)

Ref NO: 6723-75LPCT
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Quantity: 0.5 L
Incident Cause::
Incident Dt:
Incident Reason::
Incident Summary:: Dufferin Construction: 0.5 L hyd. oil to South Indian Creek
MOE Reported Dt: 7/30/2007
Environmental Impact:: Confirmed
Nature of Impact:: Surface Water Pollution
Receiving Medium:: Water
SAC Action Class:
Sector Source Type: Other
Site Municipality: Ottawa

Site: CONSTRUCTION SITE
MISSISSIPPI BRIDGE CONST. SITE, 300 M WEST OF HWY 17, 3.5 KM N OF ANTRIM (N.O.S.) OTTAWA CITY ON

Database:
[SPL](#)

Ref NO: 192858
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: CONTAINER OVERFLOW
Incident Dt: 1/3/2001
Incident Reason:: UNKNOWN
Incident Summary:: DUFFERIN CONSTRUCTION- 40-60 L SILTY WATER OVER-FLOWED SILT FENCE,CONT'D.
MOE Reported Dt: 1/3/2001
Environmental Impact:: Not Anticipated
Nature of Impact:: Water course or lake
Receiving Medium:: Land
SAC Action Class:
Sector Source Type:
Site Municipality: 20107

Site: CRAWFORD TRANSPORT
ON HWY. 17 AT THE PLACE D'ORLEANS ABOUT 5 MI. EAST OF OTTAWA MOTOR VEHICLE (OPERATING FLUID)
OTTAWA-CARLETON R.M. ON

Database:
[SPL](#)

Ref NO: 68430
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: CONTAINER OVERFLOW
Incident Dt: 3/26/1992
Incident Reason:: OTHER
Incident Summary:: P.P. CRAWFORD TRANSPORT - 450 L OF LIQUID TAR TO ROAD FROM TANK TRUCK.
MOE Reported Dt: 3/26/1992
Environmental Impact:: NOT ANTICIPATED

Nature of Impact:: Other
Receiving Medium:: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 20000

Site: SHELL CANADA PRODUCTS LTD.
NICHOLS SERVICE STATION, HIGHWAY MARKET, RR 1 WOODLAWN, WEST CARLETON SERVICE STATION
OTTAWA-CARLETON R.M. ON K1T 3Z4

Database:
SPL

Ref NO: 33287
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: UNDERGROUND TANK LEAK
Incident Dt: 4/17/1990
Incident Reason:: CORROSION
Incident Summary:: SHELL-GASOLINE POCKETS ON GROUND
MOE Reported Dt: 4/17/1990
Environmental Impact::
Nature of Impact::
Receiving Medium:: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 20000

Site: CANADIAN NATIONAL RAILWAY
CN RAILLINE FROM BELLS CORNERS TO MERIVALE ROAD. TRAIN NEPEAN CITY ON

Database:
SPL

Ref NO: 91652
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: OTHER CONTAINER LEAK
Incident Dt: 9/25/1993
Incident Reason:: UNKNOWN
Incident Summary:: CANADIAN NATIONAL RAILWAYFIRE AND DIESEL SPILL TO RAIL LINE.
MOE Reported Dt: 9/25/1993
Environmental Impact:: POSSIBLE
Nature of Impact:: Soil contamination
Receiving Medium:: LAND / AIR
SAC Action Class:
Sector Source Type:
Site Municipality: 20104

Site: ONTARIO HYDRO
MERIVALE RD TRANSFORMER STATION TRANSFORMER NEPEAN CITY ON

Database:
SPL

Ref NO: 5847
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: COOLING SYSTEM LEAK
Incident Dt: 6/29/1988
Incident Reason:: EQUIPMENT FAILURE
Incident Summary:: ONT HYDRO - 10 L PYRANOL TO GROUND AT TRANSFORMER STATION.
MOE Reported Dt: 6/29/1988
Environmental Impact::
Nature of Impact::
Receiving Medium:: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 20104

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref NO: 81843
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: VALVE/FITTING LEAK OR FAILURE
Incident Dt: 2/14/1993
Incident Reason:: UNKNOWN
Incident Summary:: SHELL CANADA - 20 L OF AVIATION FUEL TO RAMP DUE TO TRUCK LEAK
MOE Reported Dt: 2/14/1993
Environmental Impact:: NOT ANTICIPATED
Nature of Impact::
Receiving Medium:: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 20101

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref NO: 81836
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: PIPE/HOSE LEAK
Incident Dt: 2/14/1993
Incident Reason:: ERROR
Incident Summary:: SHELL-25L OF JET A-1 FUEL TO GROUND DURING FUELLING CONTAINED, CLEANED UP.
MOE Reported Dt: 2/14/1993
Environmental Impact:: NOT ANTICIPATED
Nature of Impact::
Receiving Medium:: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 20101

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref NO: 21872
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: PIPE/HOSE LEAK
Incident Dt: 7/11/1989
Incident Reason:: EQUIPMENT FAILURE
Incident Summary:: SHELL REFUELING VEHICLE- 70 L AVIATION FUEL TO GROUND.
MOE Reported Dt: 7/11/1989
Environmental Impact::
Nature of Impact::
Receiving Medium:: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 20101

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref NO: 23253
Contaminant Code:
Contaminant Name:
Contaminant Quantity:

Incident Cause:: VALVE/FITTING LEAK OR FAILURE
Incident Dt: //
Incident Reason:: EQUIPMENT FAILURE
Incident Summary:: SHELL- 4.5 LTR SPILL OF JET FUEL AT UPLANDS AIRPORT
MOE Reported Dt: 8/7/1989
Environmental Impact::
Nature of Impact::
Receiving Medium:: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 20101

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref NO: 84404
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: VALVE/FITTING LEAK OR FAILURE
Incident Dt: 4/21/1993
Incident Reason:: ERROR
Incident Summary:: SHELL CANADA - 40 L OF AVIATION FUEL AT GATE A DUE TO TRUCK LEAK
MOE Reported Dt: 4/22/1993
Environmental Impact:: NOT ANTICIPATED
Nature of Impact::
Receiving Medium:: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 20101

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref NO: 16382
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: VALVE/FITTING LEAK OR FAILURE
Incident Dt: 3/27/1989
Incident Reason:: EQUIPMENT FAILURE
Incident Summary:: UPLANDS AIRPORT - 20 L OF JET FUEL TO GROUND.
MOE Reported Dt: 3/27/1989
Environmental Impact::
Nature of Impact::
Receiving Medium:: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 20101

Site: City of Ottawa
Merivale Rd Southbound, just before Meadowlands Ottawa ON

Database:
SPL

Ref NO: 4055-6XEUV6
Contaminant Code: 27
Contaminant Name: COOLANT N.O.S.
Contaminant Quantity: 40 L
Incident Cause::
Incident Dt:
Incident Reason::
Incident Summary:: OC Transpo: bus leaked coolant in cb
MOE Reported Dt: 1/13/2007
Environmental Impact:: Not Anticipated
Nature of Impact:: Soil Contamination
Receiving Medium:: Land

SAC Action Class:
Sector Source Type: Other Motor Vehicle
Site Municipality: Ottawa

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref NO: 30521
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: VALVE/FITTING LEAK OR FAILURE
Incident Dt: 2/2/1990
Incident Reason:: ERROR
Incident Summary:: SHELL TANK TRUCK-50 L AVIATION FUEL TO ASPHALT
MOE Reported Dt: 2/2/1990
Environmental Impact::
Nature of Impact::
Receiving Medium:: LAND / AIR
SAC Action Class:
Sector Source Type:
Site Municipality: 20101

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref NO: 8471
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: ABOVE-GROUND TANK LEAK
Incident Dt: 8/22/1988
Incident Reason:: ERROR
Incident Summary:: UPLANDS AIRPORT - 50 L OF JET FUEL TO PAVEMENT FROM TANK TRUCK.
MOE Reported Dt: 8/22/1988
Environmental Impact::
Nature of Impact::
Receiving Medium:: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 20101

Site: SHELL CANADA PRODUCTS LTD.
SERVICE STATION OTTAWA CITY ON

Database:
SPL

Ref NO: 60160
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: OTHER CONTAINER LEAK
Incident Dt: 11/24/1991
Incident Reason:: CORROSION
Incident Summary:: SHELL SERVICE STATION - 25 L. OF GASOLINE TO GROUND FROM LEAKY CAR
MOE Reported Dt: 11/25/1991
Environmental Impact:: NOT ANTICIPATED
Nature of Impact::
Receiving Medium:: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 20101

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref NO: 26231
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: VALVE/FITTING LEAK OR FAILURE
Incident Dt: 10/5/1989
Incident Reason:: EQUIPMENT FAILURE
Incident Summary:: SHELL CANADA - 120L JET FUEL TO TERMINAL RAMP
MOE Reported Dt: 10/5/1989
Environmental Impact:: NOT ANTICIPATED
Nature of Impact::
Receiving Medium:: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 20101

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Sep 2016

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Oct 2014

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: Oct 31, 2016

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: Oct 31, 2016

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: Oct 31, 2016

Compressed Natural Gas Stations:

Private **CNG**

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

Government Publication Date: Dec 31, 2012

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-Nov 2016

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-Dec 2016

Drill Hole Database:

Provincial **DRL**

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

Government Publication Date: 1886-Aug 2015

Environmental Activity and Sector Registry:

Provincial **EASR**

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

Government Publication Date: Oct 2011-Nov 2016

Environmental Registry:

Provincial **EBR**

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

Government Publication Date: 1994-Dec 2016

Environmental Compliance Approval:

Provincial [ECA](#)

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

Government Publication Date: Oct 2011-Nov 2016

Environmental Effects Monitoring:

Federal [EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

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

Government Publication Date: 1999-Aug 2016

Environmental Issues Inventory System:

Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial [EMHE](#)

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: Oct 31, 2016

Federal Convictions:

Federal [FCON](#)

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal [FCS](#)

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

Government Publication Date: June 2000-Oct 2015

Fisheries & Oceans Fuel Tanks:

Federal [FOFT](#)

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

Government Publication Date: 1964-Sept 2003

Fuel Storage Tank:

Provincial **FST**

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

Government Publication Date: Oct 31, 2016

Fuel Storage Tank - Historic:

Provincial **FSTH**

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial **GEN**

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

Government Publication Date: 1986-Sep 2016

Greenhouse Gas Emissions from Large Facilities:

Federal **GHG**

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

Government Publication Date: 2013 - Dec 2014

TSSA Historic Incidents:

Provincial **HINC**

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal **IAFT**

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:

Provincial **INC**

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: Oct 31, 2016

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: Dec 31, 2013

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-Feb 2016

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2014

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Wells:

Federal

NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-2014

Oil and Gas Wells:

Private

OGW

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

Government Publication Date: 1988-Jun 2016

Ontario Oil and Gas Wells:

Provincial

OOGW

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

Government Publication Date: 1800-Oct 2016

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-Dec 2016

Canadian Pulp and Paper:

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009

Parks Canada Fuel Storage Tanks:

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

<u>Pesticide Register:</u>	Provincial	PES
The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.		
Government Publication Date: 1988-Oct 2016		
<u>TSSA Pipeline Incidents:</u>	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: Oct 31, 2016		
<u>Private and Retail Fuel Storage Tanks:</u>	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*		
<u>Permit to Take Water:</u>	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-Dec 2016		
<u>Ontario Regulation 347 Waste Receivers Summary:</u>	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		
<u>Record of Site Condition:</u>	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-Dec 2016		
<u>Retail Fuel Storage Tanks:</u>	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: Oct 31, 2016		
<u>Scott's Manufacturing Directory:</u>	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*		
<u>Ontario Spills:</u>	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-Jan 2016		

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: 1990-2014

Anderson's Storage Tanks:

Private **TANK**

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal **TCFT**

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970-Jan 2015

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: Oct 31, 2016

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-Nov 2016

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial **WDSH**

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial **WWIS**

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Jun 30, 2016

Definitions

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

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

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

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

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

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

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

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

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

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

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

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



City Directory Information Source
Vernon Ottawa And Area, Ontario City Directory

PROJECT NUMBER: 20170130131	
Site Address:	Colonnade Road, Ottawa, Ontario
Year: 2011	
Site Listing:	-No Site Listed
Adjacent Properties:	
1 Colonnade Road	-Address Not Listed
2 Colonnade Road	-Mini Golf Gardens
8 Colonnade Road	-Address Not Listed
14 Colonnade Road	-Sitecast Construction Group -Crozier R V -Blue Turtle Sound

	-Meloshe & Associates
19 Colonnade Road	-Address Not Listed
20 Colonnade Road	-Beardsley Insurance Broker -BBD Electronics -Snc Lavalin Environment -Safe Net Canada -Zim Technologies International
1755 Merivale Road	-Merivale High School
1765 Merivale Road	-Arenas And Ice Rinks
212 Viewmount Drive	-Multi-Tenant Residential
216 Viewmount Drive	-Multi-Tenant Residential

PROJECT NUMBER: 20170130131	
Site Address:	Colonnade Road, Ottawa, Ontario
Year: 2006-07	
Site Listing:	-No Site Listed
Adjacent Properties:	

1 Colonnade Road	-Address Not Listed
2 Colonnade Road	-Mini Golf Gardens
8 Colonnade Road	-Logen Corporation
14 Colonnade Road	<ul style="list-style-type: none"> -Cityscape -Baxter Group -Altus Helyar -Cyclop Vision -G A P C -Meloshe & Associates -Blue Turtle Sound -SiteCast Construction Corp. -Colonnade Leasing -Colonnade Development -Facility Insights -SCI Site Cast International
19 Colonnade Road	-Address Not Listed
20 Colonnade Road	<ul style="list-style-type: none"> -Beardsley Insurance Broker -BBD Electronics -Neil Squire Foundation -Atlantis Scientific -Campbell & Moore

	-Zim Technologies International
1755 Merivale Road	-Ottawa Carleton District School Board
1765 Merivale Road	-Nepean Minor Hockey Assn.
212 Viewmount Drive	-Multi-Tenant Residential
216 Viewmount Drive	-Multi-Tenant Residential

PROJECT NUMBER: 20170130131	
Site Address:	Colonnade Road, Ottawa, Ontario
Year: 2001-02	
Site Listing:	-No Site Listed
Adjacent Properties:	
1 Colonnade Road	-Address Not Listed
2 Colonnade Road	-Mini Golf Gardens
8 Colonnade Road	-Address Not Listed
14 Colonnade Road	-Digg Design

	<ul style="list-style-type: none"> -Cyclop Vision -Achilles Internet -Cheeky Monkey -SiteCast Construction Corp.
19 Colonnade Road	-Address Not Listed
20 Colonnade Road	<ul style="list-style-type: none"> -Beardsley Insurance Broker -Electrical Safety Authority -Sweda Canada -Atlantis Scientific -Campbell & Moore Insurance -Zim Technologies International
1755 Merivale Road	<ul style="list-style-type: none"> -Ottawa Carleton District School Board -Merivale High School
1765 Merivale Road	-Address Not Listed
212 Viewmount Drive	<ul style="list-style-type: none"> -Multi-Tenant Residential -Aim Funds Management Inc.
216 Viewmount Drive	<ul style="list-style-type: none"> -Multi-Tenant Residential -Apollo Management Services

PROJECT NUMBER: 20170130131	
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Site Address:	Colonnade Road, Ottawa, Ontario
Year: 1996-97	
Site Listing:	-No Site Listed
Adjacent Properties:	
1 Colonnade Road	-Address Not Listed
2 Colonnade Road	-Address Not Listed
8 Colonnade Road	-Address Not Listed
14 Colonnade Road	-Digg Design -Cyclop Vision -Achilles Internet -Leaps & Bounds Incorporated -General Assembly -Storm Communications -Visual Engineering -Systems Interface -Datacard Canada -Eastern Construction Co
19 Colonnade Road	-Address Not Listed

20 Colonnade Road	-Magi Data Consulting -Info Web
1755 Merivale Road	-Ottawa Carleton District School Board -Merivale High School
1765 Merivale Road	-Nepean Parks And Recreation
212 Viewmount Drive	-Multi-Tenant Residential
216 Viewmount Drive	-Multi-Tenant Residential -Rainbow Drafting Consulting

PROJECT NUMBER: 20170130131	
Site Address:	Colonnade Road, Ottawa, Ontario
Year: 1992	
Site Listing:	-No Site Listed
Adjacent Properties:	
1 Colonnade Road	-Address Not Listed
2 Colonnade Road	-Address Not Listed

8 Colonnade Road	-Gerrick Holdings
14 Colonnade Road	-British Aerospace -Canadmin Limited -E M C O N Emanation Control -Ellis-Don Construction -Laserfill Cartridge Corporation -Royal Ordnance -Systems Business Forms -Metro Ottawa Office -Nortext
19 Colonnade Road	-Address Not Listed
20 Colonnade Road	-Address Not Listed
1755 Merivale Road	-Ottawa Carleton District School Board -Merivale High School
1765 Merivale Road	-Nepean Parks And Recreation
212 Viewmount Drive	-Multi-Tenant Residential
216 Viewmount Drive	-Multi-Tenant Residential -Rainbow Drafting Consulting

PROJECT NUMBER: 20170130131	
Site Address:	Colonnade Road, Ottawa, Ontario
Year: 1987	
Site Listing:	-No Site Listed
Adjacent Properties:	
1 Colonnade Road	-Address Not Listed
2 Colonnade Road	-Address Not Listed
8 Colonnade Road	-Northern Telecom Canada
14 Colonnade Road	-Address Not Listed
19 Colonnade Road	-Address Not Listed
20 Colonnade Road	-Tridex Systems Inc.
1755 Merivale Road	-Merivale High School
1765 Merivale Road	-Merivale Centennial Arena
212 Viewmount Drive	-Address Not Listed

216 Viewmount Drive	-Address Not Listed
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PROJECT NUMBER: 20170130131	
Site Address:	Colonnade Road, Ottawa, Ontario
Year: 1981-82	
Site Listing:	-No Site Listed
Adjacent Properties:	
1 Colonnade Road	-Address Not Listed
2 Colonnade Road	-Address Not Listed
8 Colonnade Road	-Address Not Listed
14 Colonnade Road	-Address Not Listed
19 Colonnade Road	-Address Not Listed
20 Colonnade Road	-Address Not Listed
1755 Merivale Road	-Merivale High School
1765 Merivale Road	-Merivale Centennial Arena

212 Viewmount Drive	-Address Not Listed
216 Viewmount Drive	-Address Not Listed

PROJECT NUMBER: 20170130131	
Site Address:	Colonnade Road, Ottawa, Ontario
Year: 1976	
Site Listing:	-No Site Listed
Adjacent Properties:	
1 Colonnade Road	-Address Not Listed
2 Colonnade Road	-Address Not Listed
8 Colonnade Road	-Address Not Listed
14 Colonnade Road	-Address Not Listed
19 Colonnade Road	-Address Not Listed
20 Colonnade Road	-Address Not Listed

1755 Merivale Road	-Merivale High School
1765 Merivale Road	-Merivale Centennial Arena
212 Viewmount Drive	-Address Not Listed
216 Viewmount Drive	-Address Not Listed

PROJECT NUMBER: 20170130131	
Site Address:	Colonnade Road, Ottawa, Ontario
Year: 1971	
Site Listing:	-No Site Listed
Adjacent Properties:	
1 Colonnade Road	-Address Not Listed
2 Colonnade Road	-Address Not Listed
8 Colonnade Road	-Address Not Listed
14 Colonnade Road	-Address Not Listed
19 Colonnade Road	-Address Not Listed

20 Colonnade Road	-Address Not Listed
1755 Merivale Road	-Merivale High School
1765 Merivale Road	-Merivale Centennial Arena
212 Viewmount Drive	-Address Not Listed
216 Viewmount Drive	-Address Not Listed

PROJECT NUMBER: 20170130131	
Site Address:	Colonnade Road, Ottawa, Ontario
Year: 1966	
Site Listing:	-No Site Listed
Adjacent Properties:	
1 Colonnade Road	-Address Not Listed
2 Colonnade Road	-Address Not Listed
8 Colonnade Road	-Address Not Listed

14 Colonnade Road	-Address Not Listed
19 Colonnade Road	-Address Not Listed
20 Colonnade Road	-Address Not Listed
1755 Merivale Road	-Merivale High School
1765 Merivale Road	-Merivale Centennial Arena
212 Viewmount Drive	-Address Not Listed
216 Viewmount Drive	-Address Not Listed

PROJECT NUMBER: 20170130131	
Site Address:	Colonnade Road, Ottawa, Ontario
Year: 1961	
Site Listing:	-No Site Listed
Adjacent Properties:	
1 Colonnade Road	-Address Not Listed
2 Colonnade Road	-Address Not Listed

8 Colonnade Road	-Address Not Listed
14 Colonnade Road	-Address Not Listed
19 Colonnade Road	-Address Not Listed
20 Colonnade Road	-Address Not Listed
1755 Merivale Road	-Address Not Listed
1765 Merivale Road	-Address Not Listed
212 Viewmount Drive	-Address Not Listed
216 Viewmount Drive	-Address Not Listed

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

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



APPENDIX D

Aerial Photographs

3412

KODAK AEROGRAPHIC SAFETY

3413

KODAK AEROGRAPHIC SAFETY



A 12500-73





462

A 15332-14-5



KODAK SAFETY FILM



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APPENDIX E

Site Photographs



**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
COLONNADE ROAD, OTTAWA, ON**



Photo 1: From Dow Honda looking directly east across Site



Photo 2: From Dow Honda looking southeast across Site



**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
COLONNADE ROAD, OTTAWA, ON**



Photo 3: From Dow Honda looking northeast across Site. West side of Site slightly higher than east and water service noted.



Photo 4: Standing at Canada Post property looking west towards Site. Site is behind line of trees in the middle of the image.



**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
COLONNADE ROAD, OTTAWA, ON**



Photo 5: Looking north of the Site. Merivale High School can be seen in the background and Viewmount Drive residents on right.



Photo 6: Looking north from Canada Post property. Stick up monitoring well noted.



**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
COLONNADE ROAD, OTTAWA, ON**



Photo 7: From south of 214 Viewmount Drive looking southwest towards the Site. Nepean Creek and culvert under walking path noted.



Photo 8: Wildlife noted in Nepean Creek even in winter months



**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
COLONNADE ROAD, OTTAWA, ON**



Photo 9: Looking south down the walking path which runs along the east side of the Site from Viewmount Drive



Photo 10: Looking north up along walking path. Site on left side of the image.



**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
COLONNADE ROAD, OTTAWA, ON**



Photo 11: Looking southeast from the Arena towards the property. Drainage stream noted between two properties.

As a global, employee-owned organisation with over 50 years of experience, Golder Associates is driven by our purpose to engineer earth's development while preserving earth's integrity. We deliver solutions that help our clients achieve their sustainable development goals by providing a wide range of independent consulting, design and construction services in our specialist areas of earth, environment and energy.

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