SPA 19-44

FINAL

Phase One Environmental Site Assessment

12300, 12400, 12490 and 12592 Coleraine Drive
Caledon, Ontario

Prepared for:

HOOPP Realty Inc.
by its agent without liability
Triovest Realty Advisors Inc.
40 University Avenue, Suite 1200
Toronto, ON M5J 1T1

Attn: Mr. Randy Gladman
Vice President, Development

October 16, 2017

Pinchin File: 210701

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1.0 EXECUTIVE SUMMARY

Pinchin Ltd. (Pinchin) was retained by Triovest Realty Advisors Inc., as acting agent without liability for HOOPP Realty Inc. (Client), to complete a Phase One Environmental Site Assessment (Phase One ESA) of the property located at 12300, 12400, 12490 and 12592 Coleraine Drive in Caledon, Ontario (hereafter referred to as the Site or Phase One Property). The Phase One Property is presently undeveloped and consists of access roads, agricultural land and forested areas.

Pinchin conducted this Phase One ESA in accordance with Part VII and Schedule D of the Province of Ontario's *Environmental Protection Act R.S.O. 1990, c. E.19* and *Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act*, and last amended by Ontario Regulation 312/17 on July 28, 2017 (O. Reg. 153/04). The purpose of the Phase One ESA was to assess the potential presence of environmental impacts at the Phase One Property due to activities at and near the Phase One Property.

This Phase One ESA was conducted at the request of the Client for the future redevelopment of the Phase One Property. It is Pinchin's understanding that the Client intends to redevelop the Site for commercial/industrial use. Although the proposed redevelopment does not result in a change of land use to a more sensitive use, it is Pinchin's understanding that the Region of Peel requires the filing of a Record of Site Condition (RSC) with the Ontario Ministry of the Environment and Climate Change (MOECC) as per O. Reg. 153/04 prior to issuance of development permits.

The scope of work for this Phase One ESA was consistent with O. Reg. 153/04 in support of filing an RSC and was comprised of the following:

- A Records Review: Reviewed available current and historical information sources pertaining to the Phase One Property and Phase One Study Area including the use of, but not limited to, aerial photographs, city directories, chain of title search results, and historical environmental assessments relevant to the Phase One Property. Regulatory agencies were also contacted to identify if any records of environmental non-compliance or other information associated with the environmental condition of the Phase One Property exists, including searches of the MOECC's Freedom of Information and water well records, and the Technical Standards and Safety Authority records;
- Interviews: Conducted interviews with a Site Representative (see Section 5.0) to determine if any current or historical operations have caused a concern with respect to the environmental condition of the Phase One Property and the surrounding properties within the Phase One Study Area;
- Site Reconnaissance: Completed a visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area (from publicly-accessible

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areas) including any associated buildings and/or facilities for the purpose of identifying the presence of potentially contaminating activities (PCAs);

- Evaluation: Evaluated the information gathered from the records review, interviews and Site reconnaissance;
- Reporting: Prepared a Phase One ESA report; and
- Submission: Submitted the Phase One ESA report to the Client.

The Phase One Property consists of seven legal lots situated at civic addresses 12300, 12400, 12490 and 12592 Coleraine Drive in Caledon, Ontario, and is currently owned by Boltcol Holdings North Inc., Boltcol Holdings North LP, Boltcol Holdings South Inc. and Boltcol Holdings South LP. The Phase One Property is located on the southwest side of Coleraine Drive, approximately 605 metres (m) northwest of Mayfield Road. The following table provides a summary of the current and past land uses of the Phase One Property:

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
PIN 14349-0363 (LT) – North Corner of Phase One Property; 12592 Coleraine Drive				
Pre-1840	Crown	Assumed agricultural use	Agricultural or other use	None.
1840-1867	William Caldwell	Assumed residential and agricultural use	Residential use	None.
1867-1874	John Caldwell	Assumed residential and agricultural use	Residential use	None.
1874-1878	John Clark	Assumed residential and agricultural use	Residential use	None.
1878-1881	Robert Clark	Assumed residential and agricultural use	Residential use	None.
1881-1905	William Henry Clark	Assumed residential and agricultural use	Residential use	None.
1905-1919	Milford C. Moffatt	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1919-1922	Norman W. Harper	Assumed residential and agricultural use	Residential use	None.
1922-1932	John T. Snell	Assumed residential and agricultural use	Residential use	None.
1932-1960	John C. Snell	Assumed residential and agricultural use	Residential use	None.
1960-1965	Alfred J. Snell	Assumed residential and agricultural use	Residential use	Based on a review of the 1960 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
1965-1995	Jean E. Snell	Assumed residential and agricultural use	Residential use	Based on a review of the 1976 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
1995-2016	William Ashley	Assumed residential and agricultural use	Residential use	Based on a review of the 2004, 2009, 2013, 2015 and 2016 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
2016-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP	Agricultural use	Agricultural use	The residential buildings shown on the 2016 aerial photograph were not present during the Site reconnaissance and, according to the Site Representative, were demolished in late-2016.
PIN 14349-0378 (LT) – Central-Northeast Portion of Phase One Property; 12400 Coleraine Drive				
Pre-1840	Crown	Assumed agricultural use	Agricultural or other use	None.
1840-1867	William Caldwell	Assumed residential and agricultural use	Residential use	None.
1867-1874	John Caldwell	Assumed residential and agricultural use	Residential use	None.
1874-1878	John Clark	Assumed residential and agricultural use	Residential use	None.
1878-1881	Robert Clark	Assumed residential and agricultural use	Residential use	None.
1881-1905	William Henry Clark	Assumed residential and agricultural use	Residential use	None.
1905-1919	Milford CC. Moffatt	Assumed residential and agricultural use	Residential use	None.
1919-1922	Norman W. Harper	Assumed residential and agricultural use	Residential use	None.
1922-1932	John T. Snell	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1932-1960	John C. Snell	Assumed residential and agricultural use	Residential use	None.
1960-1962	Alfred J. Snell	Assumed residential and agricultural use	Residential use	None.
1962-1965	Millie A. Snell	Assumed residential and agricultural use	Residential use	Based on a review of the 1960 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
1965-1965	Manfred Kraus	Assumed residential and agricultural use	Residential use	None.
1965-1982	Adolf Schewski & Paul Schewski	Assumed residential and agricultural use	Residential use	Based on a review of the 1976 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
1982-1988	Adolf Schewske & Lina Schewske	Assumed residential and agricultural use	Residential use	None.
1988-2006	Antonio Borrelli, Gelsomina Borrelli, Marcello Borrelli & Roberto Borrelli	Assumed residential and agricultural use	Residential use	Based on a review of the 2004 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
2006-2008	Hydro One Networks Inc.	Assumed residential and agricultural use	Residential use	None.
2008-2014	748492 Ontario Limited	Assumed residential and agricultural use	Residential use	Based on a review of the 2009 and 2013 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
2014-2014	Nutrimart Corp.	Assumed residential and agricultural use	Residential use	None.
2014-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP	Assumed residential and agricultural use	Residential use	Based on a review of the 2015 and 2016 aerial photographs, this portion of the Phase One Property consisted only of agricultural land, and the previous residential buildings were no longer apparent.
PIN 14349-0369 (LT) – Central-Northeast Portion of Phase One Property				
Pre-1840	Crown	Assumed agricultural use	Agricultural or other use	None.
1840-1867	William Caldwell	Assumed residential and agricultural use	Residential use	None.
1867-1874	John Caldwell	Assumed residential and agricultural use	Residential use	None.
1874-1878	John Clark	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1878-1881	Robert Clark	Assumed residential and agricultural use	Residential use	None.
1881-1905	William Henry Clark	Assumed residential and agricultural use	Residential use	None.
1905-1919	Milford C. Moffatt	Assumed residential and agricultural use	Residential use	None.
1919-1922	Norman W. Harper	Assumed residential and agricultural use	Residential use	None.
1922-1932	John T. Snell	Assumed residential and agricultural use	Residential use	None.
1932-1960	John C. Snell	Assumed residential and agricultural use	Residential use	None.
1960-1962	Alfred J. Snell	Assumed residential and agricultural use	Residential use	Based on a review of the 1960 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land.
1962-1965	Millie A. Snell	Assumed residential and agricultural use	Residential use	None.
1965-1965	Manfred Kraus	Assumed residential and agricultural use	Residential use	None.
1965-1970	Anna Orlando	Assumed residential and agricultural use	Residential use	None.
1970-1973	Silvano Fabbro, John Cella & Cornello Cudini	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1973-2001	Arturo Tolfo & Ofelia Tolfo	Assumed residential and agricultural use	Residential use	Based on a review of the 1976 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land.
2001-2005	Mini Investors Inc.	Assumed residential and agricultural use	Residential use	Based on a review of the 2004 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land.
2005-2014	Nutristock Corp.	Assumed residential and agricultural use	Residential use	Based on a review of the 2009 and 2013 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land.
2014-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP	Assumed residential and agricultural use	Residential use	Based on a review of the 2015 and 2016 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land.
PIN 14349-0367 (LT) – Northwest Portion of Phase One Property				
Pre-1840	Crown	Assumed agricultural use	Agricultural or other use	None.
1840-1867	William Caldwell	Assumed residential and agricultural use	Residential use	None.
1867-1874	John Caldwell	Assumed residential and agricultural use	Residential use	None.
1874-1878	John Clark	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1878-1881	Robert Clark	Assumed residential and agricultural use	Residential use	None.
1881-1905	William Henry Clark	Assumed residential and agricultural use	Residential use	None.
1905-1919	Milford C. Moffatt	Assumed residential and agricultural use	Residential use	None.
1919-1922	Norman W. Harper	Assumed residential and agricultural use	Residential use	None.
1922-1961	John T. Snell	Assumed residential and agricultural use	Residential use	Based on a review of the 1960 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land.
1961-1965	Millie A. Snell	Assumed residential and agricultural use	Residential use	None.
1965-1965	Manfred Kraus	Assumed residential and agricultural use	Residential use	None.
1965-1965	Frank Shelley & Regina Shelley	Assumed residential and agricultural use	Residential use	None.
1965-1967	Pietro Serrago & Adelina Serrago and Giovanni Micieli & Annunziata Micieli	Assumed residential and agricultural use	Residential use	None.
1967-1968	Domenico Santaguida & Vincenzo Di Leo	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1968-1977	Giovanni Del Mei & Renza Del Mei and Francesco Del Mei	Assumed residential and agricultural use	Residential use	Based on a review of the 1976 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land.
1977-2003	Benito Linardi & Elda Linardi and Guiseppe Taddeo & Caroline Taddeo	Assumed residential and agricultural use	Residential use	None.
2003-2005	Ortona Investments Ltd. and Gugliemi Holdings Inc.	Assumed residential and agricultural use	Residential use	Based on a review of the 2004 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land.
2005-2014	Nutristock Corp.	Assumed residential and agricultural use	Residential use	Based on a review of the 2009 and 2013 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land.
2014-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP	Assumed residential and agricultural use	Residential use	Based on a review of the 2015 and 2016 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land.
PIN 14349-0349 (LT) – Central-Northwest Portion of Phase One Property				
Pre-1840	Crown	Assumed agricultural use	Agricultural or other use	None.
1840-1867	William Caldwell	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1867-1874	John Caldwell	Assumed residential and agricultural use	Residential use	None.
1874-1878	John Clark	Assumed residential and agricultural use	Residential use	None.
1878-1881	Robert Clark	Assumed residential and agricultural use	Residential use	None.
1881-1905	William Henry Clark	Assumed residential and agricultural use	Residential use	None.
1905-1919	Milford C. Moffatt	Assumed residential and agricultural use	Residential use	None.
1919-1922	Norman W. Harper	Assumed residential and agricultural use	Residential use	None.
1922-1932	John T. Snell	Assumed residential and agricultural use	Residential use	None.
1932-1962	John C. Snell	Assumed residential and agricultural use	Residential use	Based on a review of the 1960 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land.
1962-1965	Millie A. Snell	Assumed residential and agricultural use	Residential use	None.
1965-1965	Manfred Kraus	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1965-2014	Alfio Mancuso & Anna Mancuso	Assumed residential and agricultural use	Residential use	Based on a review of the 1976, 2004, 2009 and 2013 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land.
2014-2014	Nutrimart Corp.	Assumed residential and agricultural use	Residential use	None.
2014-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP	Assumed residential and agricultural use	Residential use	Based on a review of the 2015 and 2016 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land.
PIN 14349-0377 (LT) – Central Portion of Phase One Property; 12490 Coleraine Drive				
Pre-1840	Crown	Assumed agricultural use	Agricultural or other use	None.
1840-1867	William Caldwell	Assumed residential and agricultural use	Residential use	None.
1867-1874	John Caldwell	Assumed residential and agricultural use	Residential use	None.
1874-1878	John Clark	Assumed residential and agricultural use	Residential use	None.
1878-1881	Robert Clark	Assumed residential and agricultural use	Residential use	None.
1881-1905	William Henry Clark	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1905-1919	Milford C. Moffatt	Assumed residential and agricultural use	Residential use	None.
1919-1922	Norman W. Harper	Assumed residential and agricultural use	Residential use	None.
1922-1932	John T. Snell	Assumed residential and agricultural use	Residential use	None.
1932-1960	John C. Snell	Assumed residential and agricultural use	Residential use	None.
1960-1962	Alfred J. Snell	Assumed residential and agricultural use	Residential use	Based on a review of the 1960 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
1962-1965	Millie A. Snell	Assumed residential and agricultural use	Residential use	None.
1965-1965	Manfred Kraus	Assumed residential and agricultural use	Residential use	None.
1965-1968	Norman J. Bolton & Judith E. Bolton	Assumed residential and agricultural use	Residential use	None.
1968-2005	Edward Trella & Elizabeth Trella	Assumed residential and agricultural use	Residential use	Based on a review of the 1976 and 2004 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
2005-2014	Sarno Holdings Corp.	Assumed residential and agricultural use	Residential use	Based on a review of the 2009 and 2013 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
2014-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP	Assumed residential and agricultural use	Residential use	Based on a review of the 2015 and 2016 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land. The associated residential buildings were no longer apparent in the 2015 and 2016 aerial photographs.
PIN 14349-0384 (LT) – Southeast Portion of Phase One Property; 12300 Coleraine Drive				
Pre-1850	Crown	Assumed agricultural use	Agricultural or other use	None.
1850-1890	Hugh McCort	Assumed residential and agricultural use	Residential use	None.
1890-1908	Andrew McCort	Assumed residential and agricultural use	Residential use	None.
1908-1909	Alexander McCort	Assumed residential and agricultural use	Residential use	None.
1909-1919	Thomas Wilson, Jr.	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1919-1965	Peter R. Kenny	Assumed residential and agricultural use	Residential use	Based on a review of the 1960 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
1965-1967	Allan Kenny	Assumed residential and agricultural use	Residential use	None.
1967-1968	P. & M. Construction Limited	Assumed residential and agricultural use	Residential use	None.
1968-2004	Praetor Enterprises Limited	Assumed residential and agricultural use	Residential use	Based on a review of the 1976 and 2004 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
2004-2005	Praetor Holdings Inc.	Assumed residential and agricultural use	Residential use	None.
2005-2014	Nutristock Corp.	Assumed residential and agricultural use	Residential use	Based on a review of the 2009 and 2013 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
2014-present	Boltcol Holdings South Inc. and Boltcol Holdings South LP.	Assumed residential and agricultural use	Residential use	Based on a review of the 2015 and 2016 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings. These buildings were not present during the Site reconnaissance and, according to the Site Representative, were demolished in late-2016.

To the best of Pinchin's knowledge, the Phase One Property was developed with residential buildings as early as 1840. In summary, the Phase One Property was owned by various individuals from as early as 1840. Although the Phase One Property was purchased by various corporations between 1965 and 2016, aerial photographs dated between 1960 and 2016 indicated that the Phase One Property remained utilized for agricultural purposes and developed with associated residential buildings until 2016. The Site Representative indicated that all remaining structures on the Phase One Property were demolished in late-2016, but that the Phase One Property has remained utilized for agricultural purposes.

It is Pinchin's opinion that the date of the first developed use of the Phase One Property is 1840, with the construction of residential buildings on the Phase One Property. The date of the first developed use of the Phase One Property was determined through a review of aerial photographs, previous reports, a city directory search and a title search, which was filed for the property to its earliest time of ownership and possible development. No other historical records were available to Pinchin that provided information for determining the date of first developed use of the Phase One Property.

Based on the findings of this Phase One ESA, Pinchin identified three PCAs at the Phase One Property (i.e., on-Site) and ten PCAs within the Phase One Study Area outside of the Phase One Property (i.e., off-Site). The following table summarizes all APECs identified during the Phase One ESA, as well as their respective PCAs, contaminants of potential concern (COPCs) and the media which could potentially be impacted:

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Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC #1 (Former AST Within Basement of Residential Building at 12300 Coleraine Drive Likely Containing Fuel Oil)	Southwest Portion of Phase One Property	Item 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs	Soil
APEC #2 (Two Former ASTs Adjacent to Former Barn at 12300 Coleraine Drive Likely Containing Fuel Oil and/or Diesel)	Southwest Portion of Phase One Property	Item 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs	Soil
APEC #3 (Historical and Ongoing Agricultural Operations)	Majority of Phase One Property	Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	OC Pesticides PCBs	Soil
NA	Approximately 85 m northeast of the Phase One Property at 12315 Coleraine Drive (DB Schenker)	Item 11 – Commercial Trucking and Container Terminals	Off-Site	NA	None.

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Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
NA	Approximately 190 m north-northwest of the Phase One Property at 12673 Coleraine Drive (Autolinx Express Inc.)	Item 11 – Commercial Trucking and Container Terminals	Off-Site	NA	None.
NA	Approximately 185 m east of the Phase One Property at 12155 Coleraine Drive (GT Bolton Inc.)	Item 11 – Commercial Trucking and Container Terminals	Off-Site	NA	None.
NA	Approximately 65 m northeast of the Phase One Property at 12557 Coleraine Drive (Kingspan)	Item 34 – Metal Fabrication	Off-Site	NA	None.
NA	Immediately west of the Phase One Property	Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off-Site	NA	None.
NA	Immediately southwest of the Phase One Property	Item 40 – Pesticides (including Herbicides, Fungicides and	Off-Site	NA	None.

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Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
		Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications			
NA	Immediately southeast of the Phase One Property	Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off-Site	NA	None.
NA	Approximately 90 m east-southeast of the Phase One Property, along the northeast side of Coleraine Drive	Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off-Site	NA	None.
NA	Approximately 230 m east-southeast of the Phase One Property, at 8224 Mayfield Road	Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage	Off-Site	NA	None.

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Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
		and Large-Scale Applications			
NA	Approximately 25 m northeast of the Phase One Property, along the northeast side of Coleraine Drive	Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off-Site	NA	None.

Notes:

BTEX – benzene, toluene, ethylbenzene and total xylenes
PHCs – petroleum hydrocarbon fractions F1-F4
PAHs – polycyclic aromatic hydrocarbons
OC – organochlorine
PCBs – polychlorinated biphenyls
NA – not applicable

The COPCs associated with each APEC were determined based on several sources of information including, but not limited to, Pinchin's experience with environmental contamination and hazardous substances, common industry standards for analysis of such contaminants and point sources, literature reviews of COPCs and associated hazardous substances, and evaluations of contaminant mobility and susceptibility for migration in the subsurface.

The off-Site PCAs are not considered to result in APECs at the Phase One Property given their distance from the Phase One Property, the soil type at the Phase One Property (i.e., clayey silt) and/or their downgradient or transgradient location with respect to the inferred groundwater flow direction at the Phase One Property. The remaining three on-Site PCAs represent a total of three APECs at the Phase One Property. It is Pinchin's opinion that these three PCAs may have resulted in contamination of soil at the Phase One Property and, as such, represent APECs at the Phase One Property that warrant further investigation prior to the submittal of an RSC.

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Pinchin recommends that a Phase Two ESA, defined as an "assessment of property conducted in accordance with the regulations by or under the supervision of a qualified person to determine the location and concentration of one or more contaminants in the land or water on, in or under the property", be conducted at the Phase One Property. Pinchin concludes that one or more contaminants originating from PCAs located on the Phase One Property may have affected land or water on, in, or under the Phase One Property. Therefore, Pinchin recommends that a Phase Two ESA be conducted prior to filing an RSC for the Phase One Property.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.

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2.0 INTRODUCTION

A Phase One ESA is defined as a systematic qualitative process to determine whether a particular property is, or may be subject to, actual or potential contamination. Under the Province of Ontario's *Environmental Protection Act R.S.O. 1990, c. E.19* (EPA) and *Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act*, and last amended by Ontario Regulation 312/17 on July 28, 2017 (O. Reg. 153/04), the purpose of a Phase One ESA is two-fold:

- To obtain and review records that relate to the Phase One Property, and to the current and past uses of and activities at or affecting the Phase One Property, in order to determine if an area of potential environmental concern (APEC) exists and to interpret any APEC; and
- To obtain and review records that relate to properties in the Phase One Study Area, other than the Phase One Property, in order to determine if a potentially contaminating activity (PCA) exists and interpret whether any such PCA represents on APEC for the Phase One Property.

This Phase One ESA was conducted at the request of the Client for the future redevelopment of the Phase One Property. It is Pinchin's understanding that the Client intends to develop the Site for commercial/industrial use. Although the proposed redevelopment does not result in a change of land use to a more sensitive use, it is Pinchin's understanding that the Region of Peel requires the filing of a Record of Site Condition (RSC) with the Ontario Ministry of the Environment and Climate Change (MOECC) as per Ontario Regulation 153/04 (O. Reg. 153/04) prior to issuance of development permits.

2.1 Phase One Property Information

The Phase One Property consists of seven legal lots situated at civic addresses 12300, 12400, 12490 and 12592 Coleraine Drive in Caledon, Ontario, and is currently owned by Boltcol Holdings North Inc., Boltcol Holdings North LP, Boltcol Holdings South Inc. and Boltcol Holdings South LP. The Phase One Property is located on the southwest side of Coleraine Drive, approximately 605 metres (m) northwest of Mayfield Road, as shown on Figure 1 (all figures are provided in Appendix A and all appendices are provided in Section 10.0). A plan showing the Phase One Property is provided as Figure 2, and the Phase One Study Area for which this Phase One ESA applies to is outlined on Figure 3. Photographs of the Phase One Property and surrounding properties are presented in Appendix B. A current legal survey of the Phase One Property is included in Appendix C.

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Pertinent details of the Phase One Property are provided in the following table:

Detail	Source / Reference	Information
Legal Description	Legal Survey Drawing provided by the Client, Service Ontario Parcel Registers	Part of Lots 2 and 3, Concession 5, Geographic Township of Albion, County of Peel, Town of Caledon, Regional Municipality of Peel
Municipal Address	Client	12300, 12400, 12490 and 12592 Coleraine Drive, Caledon, Ontario, L7E 3A9
Parcel Identification Number (PIN)	ServiceOntario Parcel Registers	14349-0383 (LT), 14349-0363 (LT), 14349-0378 (LT), 14349-0369 (LT), 14349-0367 (LT), 14349-0349 (LT), 14349-0377 (LT), 14349-0384 (LT)
Current Owner	ServiceOntario Parcel Registers, Client	Boltcol Holdings North Inc., Boltcol Holdings North LP, Boltcol Holdings South Inc. and Boltcol Holdings South LP
Owner Contact Information	Client	Mr. Kyle Nicholls Boltcol Holdings North and Boltcol Holdings South c/o Triovest Realty Advisers Inc. 40 University Avenue, Suite 1200 Toronto, ON, M5J 1T1 knicholls@triovest.com
Current Occupant(s)	Client	Humberview Farms
Occupant Contact Information	Client	Ms. Heather French humberviewfarms@gmail.com
Client	Authorization to Proceed Form for Pinchin Proposal	Triovest Realty Advisers Inc.
Client Contact Information	Authorization to Proceed Form for Pinchin Proposal	Mr. Kyle Nicholls Triovest Realty Advisers Inc. 40 University Avenue, Suite 1200 Toronto, ON, M5J 1T1 knicholls@triovest.com
Site Area	Atlas of Canada Toporama	831,260 m^2 (83.13 hectares)
Current Zoning	Town of Caledon Zoning By-law 2006-50, as amended	A1 – Agricultural EPA2 – Environmental Policy Area 2

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Detail	Source / Reference	Information
Centroid UTM Co-ordinates	Atlas of Canada Toporama	602956 Easting
		4855464 Northing
		Zone 17T

3.0 SCOPE OF INVESTIGATION

Pinchin conducted this Phase One ESA in accordance with O. Reg. 153/04, in particular Part VII and Schedule D of O. Reg. 153/04. The Phase One ESA scope of work was comprised of the following:

- A Records Review: Pinchin reviewed available current and historical information sources pertaining to the Phase One Property and surrounding properties within the Phase One Study Area including the use of, but not limited to, aerial photographs, city directories, Fire Insurance Plans (FIPs), Property Underwriters' Reports (PURs), Property Underwriters' Plans (PUPs), chain of title search results, historical environmental assessments relevant to the Phase One Property, available Site operating records, a regulatory data base search and MOECC water well records. Regulatory agencies were also contacted to identify if any records of environmental non-compliance or other information associated with the environmental condition of the Phase One Property exist, including the MOECC's Freedom of Information and Protection of Privacy Office and the Technical Standards and Safety Authority (TSSA);
- Interviews: Pinchin conducted interviews with a Site Representative (see Section 5.0) to determine if any current or historical operations have caused a concern with respect to the environmental condition of the Phase One Property and the surrounding properties within the Phase One Study Area;
- Site Reconnaissance: Pinchin completed a visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area (from publicly-accessible areas) including any associated buildings and/or facilities for the purpose of identifying the presence of significant environmental contaminants of concern;
- Evaluation: Pinchin evaluated the information gathered from the records review, interviews and Site reconnaissance;
- Reporting: Pinchin prepared a Phase One ESA report summarizing the findings of the Phase One ESA; and
- Submission: Pinchin submitted the Phase One ESA report to the Client.

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4.0 RECORDS REVIEW

4.1 General

A Phase One ESA does not include sampling or testing of environmental media or building materials. The study period for this assessment was from August to September 2017, which included the records review, Site reconnaissance, interviews and reporting. A Site reconnaissance was completed on August 25, 2017 by a Pinchin representative under the direct supervision of a Qualified Person (QP). During the Site reconnaissance, Pinchin accessed all areas of the Phase One Property. Pinchin did not access any areas within the surrounding Phase One Study Area with the exception of publicly-accessible roads and sidewalks. Select photographs taken during the Site reconnaissance of the Phase One Property and the surrounding properties within the Phase One Study Area are presented in Appendix B.

4.1.1 Phase One Study Area Determination

Based on a review of the available historical information and observations made during the Site reconnaissance for the properties greater than 250 metres (m), but less than 1 kilometre (km), from the Phase One Property boundary, Pinchin did not note or observe any significant potentially contaminating properties that should be included as part of this assessment (e.g., landfills, large industrial manufacturers, etc.). As such, the Phase One Study Area consisted of the Phase One Property, as well as all properties situated wholly, or partly, within 250 m from the nearest point of a boundary of the Phase One Property, in order to meet the minimum requirements set forth in O. Reg. 153/04. A map of the Phase One Study Area and the surrounding land use is presented in Figure 3.

4.1.2 First Developed Use Determination

The first developed land use of the Phase One Property is defined by O. Reg. 153/04 to be:

a. the first use of a Phase One Property in or after 1875 that resulted in the development of a building or structure on the property; and
b. the first potentially contaminating use or activity on the Phase One Property.

A review of the chain of title and city directory search results determined that the Phase One Property was divested by the Crown and sold to various landowners beginning in 1840 and 1850. Between 1965 and 2016, various portions of the Phase One Property were purchased by various corporations; however, according to aerial photographs dated between 1960 and 2016, the Phase One Property has always consisted of agricultural land and associated residential buildings. The Site Representative indicated that all permanent structures formerly present on the Phase One Property had been demolished by late-2016. Based on this information, it is Pinchin's opinion that the first developed use of the Phase One Property was in 1840.

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The date of the first developed use of the Phase One Property was determined through a review of a chain of title search, city directory search results, aerial photographs and information provided by the Site Representative. No other information was reviewed by Pinchin during the records review, or obtained during the Site reconnaissance or interviews which would have resulted in a different interpretation of the date of first developed use of the Phase One Property.

4.1.3 Fire Insurance Plans

Pinchin contacted Opta Information Intelligence (Opta) to obtain copies of FIPs related to the Phase One Property and the Phase One Study Area. In a response dated August 29, 2017, Opta indicated that no FIPs for the Phase One Property or Phase One Study Area were available. The Opta response is provided in Appendix D.

4.1.4 Chain of Title

Pinchin retained EcoLog Environmental Risk Information Services Inc. (ERIS) to complete a chain of title search for the Phase One Property. The chain of title search was completed from the earliest record of land ownership for the Phase One Property (i.e., patent) to the present to determine if ownership information would infer any PCAs or potential APECs at the Phase One Property that should be evaluated.

A summary of information obtained from the chain of title search with respect to the Phase One Property is provided in the following tables:

PIN 14349-0363 (LT) – North Corner of Phase One Property; 12592 Coleraine Drive	
Year(s)	**Ownership Listing**
Pre-1840	Crown
1840-1867	William Caldwell
1867-1874	John Caldwell
1874-1878	John Clark
1878-1881	Robert Clark
1881-1905	William Henry Clark
1905-1919	Milford C. Moffatt
1919-1922	Norman W. Harper
1922-1932	John T. Snell
1932-1960	John C. Snell

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PIN 14349-0363 (LT) – North Corner of Phase One Property; 12592 Coleraine Drive	
Year(s)	**Ownership Listing**
1960-1965	Alfred J. Snell
1965-1995	Jean E. Snell
1995-2016	William Ashley
2016-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP

PIN 14349-0378 (LT) – Central-Northeast Portion of Phase One Property; 12400 Coleraine Drive	
Year(s)	**Ownership Listing**
Pre-1840	Crown
1840-1867	William Caldwell
1867-1874	John Caldwell
1874-1878	John Clark
1878-1881	Robert Clark
1881-1905	William Henry Clark
1905-1919	Milford CC. Moffatt
1919-1922	Norman W. Harper
1922-1932	John T. Snell
1932-1960	John C. Snell
1960-1962	Alfred J. Snell
1962-1965	Millie A. Snell
1965-1965	Manfred Kraus
1965-1982	Adolf Schewski & Paul Schewski
1982-1988	Adolf Schewske & Lina Schewske
1988-2006	Antonio Borrelli, Gelsomina Borrelli, Marcello Borrelli & Roberto Borrelli
2006-2008	Hydro One Networks Inc.

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PIN 14349-0378 (LT) – Central-Northeast Portion of Phase One Property; 12400 Coleraine Drive	
Year(s)	**Ownership Listing**
2008-2014	748492 Ontario Limited
2014-2014	Nutrimart Corp.
2014-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP

PIN 14349-0369 (LT) – Central-Northeast Portion of Phase One Property	
Year(s)	**Ownership Listing**
Pre-1840	Crown
1840-1867	William Caldwell
1867-1874	John Caldwell
1874-1878	John Clark
1878-1881	Robert Clark
1881-1905	William Henry Clark
1905-1919	Milford C. Moffatt
1919-1922	Norman W. Harper
1922-1932	John T. Snell
1932-1960	John C. Snell
1960-1962	Alfred J. Snell
1962-1965	Millie A. Snell
1965-1965	Manfred Kraus
1965-1970	Anna Orlando
1970-1973	Silvano Fabbro, John Cella & Cornello Cudini
1973-2001	Arturo Tolfo & Ofelia Tolfo
2001-2005	Mini Investors Inc.
2005-2014	Nutristock Corp.

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PIN 14349-0369 (LT) – Central-Northeast Portion of Phase One Property	
Year(s)	**Ownership Listing**
2014-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP

PIN 14349-0367 (LT) – Northwest Portion of Phase One Property	
Year(s)	**Ownership Listing**
Pre-1840	Crown
1840-1867	William Caldwell
1867-1874	John Caldwell
1874-1878	John Clark
1878-1881	Robert Clark
1881-1905	William Henry Clark
1905-1919	Milford C. Moffatt
1919-1922	Norman W. Harper
1922-1961	John T. Snell
1961-1965	Millie A. Snell
1965-1965	Manfred Kraus
1965-1965	Frank Shelley & Regina Shelley
1965-1967	Pietro Serrago & Adelina Serrago and Giovanni Micieli & Annunziata Micieli
1967-1968	Domenico Santaguida & Vincenzo Di Leo
1968-1977	Giovanni Del Mei & Renza Del Mei and Francesco Del Mei
1977-2003	Benito Linardi & Elda Linardi and Guiseppe Taddeo & Caroline Taddeo
2003-2005	Ortona Investments Ltd. and Gugliemi Holdings Inc.
2005-2014	Nutristock Corp.
2014-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP

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PIN 14349-0349 (LT) – Central-Northwest Portion of Phase One Property	
Year(s)	**Ownership Listing**
Pre-1840	Crown
1840-1867	William Caldwell
1867-1874	John Caldwell
1874-1878	John Clark
1878-1881	Robert Clark
1881-1905	William Henry Clark
1905-1919	Milford C. Moffatt
1919-1922	Norman W. Harper
1922-1932	John T. Snell
1932-1962	John C. Snell
1962-1965	Millie A. Snell
1965-1965	Manfred Kraus
1965-2014	Alfio Mancuso & Anna Mancuso
2014-2014	Nutrimart Corp.
2014-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP

PIN 14349-0377 (LT) – Central Portion of Phase One Property; 12490 Coleraine Drive	
Year(s)	**Ownership Listing**
Pre-1840	Crown
1840-1867	William Caldwell
1867-1874	John Caldwell
1874-1878	John Clark
1878-1881	Robert Clark
1881-1905	William Henry Clark

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PIN 14349-0377 (LT) – Central Portion of Phase One Property; 12490 Coleraine Drive	
Year(s)	**Ownership Listing**
1905-1919	Milford C. Moffatt
1919-1922	Norman W. Harper
1922-1932	John T. Snell
1932-1960	John C. Snell
1960-1962	Alfred J. Snell
1962-1965	Millie A. Snell
1965-1965	Manfred Kraus
1965-1968	Norman J. Bolton & Judith E. Bolton
1968-2005	Edward Trella & Elizabeth Trella
2005-2014	Sarno Holdings Corp.
2014-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP

PIN 14349-0384 (LT) – Southeast Portion of Phase One Property; 12300 Coleraine Drive	
Year(s)	**Ownership Listing**
Pre-1850	Crown
1850-1890	Hugh McCort
1890-1908	Andrew McCort
1908-1909	Alexander McCort
1909-1919	Thomas Wilson, Jr.
1919-1965	Peter R. Kenny
1965-1967	Allan Kenny
1967-1968	P. & M. Construction Limited
1968-2004	Praetor Enterprises Limited
2004-2005	Praetor Holdings Inc.

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PIN 14349-0384 (LT) – Southeast Portion of Phase One Property; 12300 Coleraine Drive	
Year(s)	**Ownership Listing**
2005-2014	Nutristock Corp.
2014-present	Boltcol Holdings South Inc. and Boltcol Holdings South LP.

Based on Pinchin's review of the above-noted title search, nothing was identified with respect to the previous ownership that could result in potential subsurface impacts at the Phase One Property.

The chain of title search results are provided in Appendix E. No chain of title search was conducted for the other properties located within the Phase One Study Area. A Plan of Survey illustrating the Phase One Property boundaries is provided in Appendix C.

4.1.5 Environmental Reports

The following previous environmental reports for the Phase One Property provided by the Client were reviewed by Pinchin:

- "*Phase I Environmental Site Assessment, Proposed Residential Development, West of Coleraine Drive and North of Mayfield Road, Town of Caledon (Bolton)*" prepared by Soil Engineering Ltd. (SEL) for Solmar Development Corp. on behalf of Nutristock Corp. (Solmar), dated May 13, 2008 (2008 SEL Phase I ESA Report (Central-Northwest Portion of Site));
- "*Phase I Environmental Site Assessment, Proposed Mixed Use Development, Part of Lot 2 Concession 5, 12300 Coleraine Drive, Town of Bolton*" prepared by SEL for Solmar, dated August 20, 2008 (2008 SEL Phase I ESA Report (Southeast Portion of Site)); and
- "*Geotechnical Investigation, Proposed Commercial/Industrial Complex, Coleraine Drive, Bolton, Ontario*" prepared by exp Services Inc. (exp) for Client, dated July 22, 2014 (2014 exp Geotechnical Investigation Report).

Given the available information on the characteristics of the Phase One Property and its future land use (i.e., commercial/industrial), the applicable Site Condition Standards, as defined by the MOECC in the document "*Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*", dated April 15, 2011, are:

- *Table 8: Generic Site Condition Standards for Use within 30 m of a Water Body in a Potable Groundwater Condition* (*Table 8 Standards*) for residential/parkland/institutional/industrial/commercial/community property use (i.e., the proposed future use of the Phase One Property) and medium/fine-textured soils.

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As such, the analytical data provided in the previous reports were compared with the *Table 8 Standards* to assess whether there are any known areas on the Phase One Property where soil or groundwater has parameter concentrations exceeding the *Table 8 Standards.*

A summary of the salient information identified in the reports is provided below.

2008 SEL Phase I ESA Report (Central-Northwest Portion of Site)

The 2008 SEL Phase I ESA Report (Central-Northwest Portion of Site) presented the findings of a Phase I ESA completed by SEL in general accordance with the CSA document entitled "*Phase I Environmental Site Assessment*" (CSA Document Z768-01), dated November 2001 (reaffirmed 2006) (CSA Phase I ESA Standards) for the central-northwest portion of the Phase One Property. This report consisted of a review of readily available historical records and reasonably ascertainable regulatory information, a Site reconnaissance, an evaluation of information and reporting. Based on Pinchin's review of the 2008 SEL Phase I ESA Report (Central-Northwest Portion of the Site), the following salient information was noted:

- At the time of the Site reconnaissance, the central-northwest and central-southwest portions of the Phase One Property were undeveloped and utilized for agricultural purposes. It was noted that chlorinated pesticides "*were more than likely used*" historically on this portion of the Phase One Property;
- The northwest and central-southeast portions of the Phase One Property consisted of "*rural homes*" and agricultural land;
- A tributary traversed the central-northwest portion of the Phase One Property; and
- No ASTs or evidence of USTs was observed during the Site reconnaissance.

SEL indicated that "*the chlorinated pesticides will, if they have not already, dissipate with time, assuming they have not been recently reapplied*" and, as such, "*verification analysis for the presence or absence of residual chemicals resulting from long-term use of pesticides is not warranted*".

Based on the above-noted findings, nothing was identified by SEL that would be likely to give rise to potential subsurface impacts at the Phase One Property.

2008 SEL Phase I ESA Report (Southeast Portion of Site)

The 2008 SEL Phase I ESA Report (Southeast Portion of Site) presented the findings of a Phase I ESA completed by SEL in general accordance with the *CSA Phase I ESA Standards* for the southeast portion of the Phase One Property, which holds the municipal address of 12300 Coleraine Drive. This report consisted of a review of readily available historical records and reasonably ascertainable regulatory

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information, a Site reconnaissance, an evaluation of information and reporting. Based on Pinchin's review of the 2008 SEL Phase I ESA Report (Southeast Portion of the Site), the following salient information was noted:

- At the time of the Site reconnaissance, the southeast portion of the Phase One Property consisted of an agricultural field, one two-storey residential building, an unspecified quantity of sheds and three barns, one of which was noted to have "*collapsed*". The buildings were noted to be located in the vicinity of the southwest boundary of the Phase One Property, and the agricultural field was utilized to farm corn;
- The residential building was constructed in approximately 1890 and, as of 2008, was supplied with hydro services. Potable water was provided to this residential building by a designated supply well, and the house was equipped with a septic system. Vent and fill piping was observed along the northwest elevation of the residential building and was inferred to be associated with a fuel oil AST located within the basement of the residential building. SEL did not conduct a walkthrough of the interior of the residential building as part of their Site reconnaissance and, as such, were unable to confirm the presence of an AST within the residential building;
- SEL indicated that "*some*" containers of various hazardous materials (e.g., used oil, gasoline jerry cans, paint cans, etc.) were observed within sheds on this portion of the Phase One Property. The quantities and types of hazardous materials stored within the sheds were not indicated by SEL. Given the relatively small quantities of hazardous materials stored on-Site, it is Pinchin's opinion that the observed hazardous material storage is not considered to be large-scale and, as such, is not a PCA that would represent an APEC at the Phase One Property;
- According to an undated property assessment conducted by the Municipal Property Assessment Corporation, five barns were historically located on this portion of the Phase One Property and were constructed between 1930 and 1971. A shed was also noted to be present on-Site and was reportedly constructed in 1987;
- Two metal ASTs were observed on-Site and located along the southeast elevation of a barn that was situated northwest of the residential building. The ASTs were empty and appeared to be approximately 946-L and 1893-L in volume;
- No evidence of USTs was observed during the Site reconnaissance; and
- A creek was located along the southwest boundary of this portion of the Phase One Property and was noted to be considered an Environmentally Sensitive Area. SEL did not provide any additional supporting information.

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SEL was unable to indicate whether pesticides had been historically or were currently utilized on-Site, but indicated that "*chlorinated pesticides will, if they have not already, dissipate with time, assuming they have not been recently reapplied*" and, as such, "*verification analysis for the presence or absence of residual chemicals resulting from long-term use of pesticides is not warranted*".

Based on the above-noted findings, nothing was identified by SEL that would be likely to give rise to potential subsurface impacts at the Phase One Property.

2014 exp Geotechnical Investigation Report

The 2014 exp Geotechnical Investigation was conducted to obtain data for geotechnical engineering guidelines at the Phase One Property, to provide recommendations for the design and construction of a proposed development at the Phase One Property, and to evaluate general soil quality at the Phase One Property.

A total of 40 boreholes were advanced at various locations across the Phase One Property to depths ranging between 6.2 and 8.2 mbgs, 10 of which were instrumented with groundwater monitoring wells.

Subsurface soil at the Phase One Property was noted to generally consist of topsoil underlain by disturbed clayey silt/sandy silt till that extended to depths ranging between 0.4 and 0.8 mbgs, which was then underlain by clayey silt till that extended to the maximum borehole completion depth of 8.2 mbgs. Groundwater within the monitoring wells installed on-Site was measured at depths ranging between 0.0 and 6.1 mbgs.

A total of 15 randomly-selected samples from the boreholes advanced at the Site were submitted for laboratory analyses of metals and inorganics for the assessment of "*general soil quality*". All concentrations of analyzed parameters within the soil samples submitted for laboratory analysis were below the *Table 8 Standards*.

4.1.5.1 Previous Environmental Report Summary

Based on Pinchin's review of the above-referenced previous environmental reports, the following could result in potential subsurface impacts, or are known subsurface impacts, at the Phase One Property:

- Historical farming activities on the central-northwest and southeast portions of the Phase One Property; and
- Historical ASTs on the southwest portion of the Phase One Property at 12300 Coleraine Drive, two of which were located adjacent to a former barn and one of which was inferred to be within the basement of a residential building.

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4.2 Environmental Source Information

Pinchin reviewed the historical use of the Phase One Study Area through the use of publicly available archives and databases, as well as through requesting information from regulatory agencies. The following provides a summary of the information obtained from these sources.

4.2.1 Environmental Database Search – Ecolog ERIS

Pinchin retained EcoLog Environmental Risk Information Service Ltd. (ERIS) to search all available federal, provincial and private source databases for information pertaining to the Phase One Study Area. A copy of the EcoLog ERIS report is provided in Appendix F and the results of the database search are described in the following subsections.

4.2.1.1 National Pollutant Release Inventory

EcoLog ERIS completed a search of the federal databases for information regarding the National Pollutant Release Inventory (NPRI). This database contains comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances and identifies information such as the approximate location, type and quantity of contaminant, date of release, and media impacted.

Pinchin reviewed the EcoLog ERIS report for NPRI information and found no records regarding the Phase One Property or other properties within the Phase One Study Area.

4.2.1.2 Ontario Inventory of PCB Storage Sites

The MOECC's Waste Management Branch maintains an inventory of PCB storage sites within Ontario. Ontario Regulation 11/82 and Ontario Regulation 347 (O. Reg. 347), made under the EPA, require the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the MOECC. This database contains information on waste quantities, major and minor sites storing liquid or solid waste, and a waste storage inventory.

EcoLog ERIS completed a search of the Ontario Inventory of PCB Storage Sites for information regarding PCB storage and found no information regarding the Phase One Property or other properties within the Phase One Study Area.

4.2.1.3 National PCB Inventory

Environment Canada maintains an inventory of in-use PCB-containing equipment at federal, provincial and private facilities in Canada, and of out-of-service PCB-containing equipment and PCB waste owned by the federal government or federally regulated industries.

EcoLog ERIS completed a search of the National PCB Inventory and found no information regarding the Phase One Property or other properties within the Phase One Study Area.

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4.2.1.4 Certificates of Approval

EcoLog ERIS completed a search of the MOECC database for information regarding Certificates of Approval (Cs-of-A). The MOECC maintains a database of approved Cs-of-A for Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. Prior to November 1, 2011, the MOECC mandated that any facility that released emissions to the atmosphere, discharged contaminants to ground or surface water, provided potable water supplies, or stored, transported or disposed of waste, must have a C-of-A before it could operate lawfully. The MOECC no longer issues Cs-of-A, which were replaced by Environmental Compliance Approvals (ECAs) as of November 1, 2011.

The EcoLog ERIS search of the C-of-A database identified no information regarding C-of-As for the Phase One Property; however, two C-of-As were identified for properties within the Phase One Study Area. Both of these C-of-As were for air emissions and neither C-of-A was identified for discharge to groundwater, which is considered the primary pathway of concern for contaminant impacts on the Phase One Property. As such, Pinchin does not consider the activities related to C-of-As at these properties within the Phase One Study Area to represent an environmental concern to the Phase One Property.

4.2.1.5 Environmental Compliance Approvals, Permits To Take Water and Certificates of Property Use

EcoLog ERIS completed a search of the MOECC database for information regarding ECAs, permits including Permits To Take Water (PTTWs) and Certificates of Property Use (CPUs). Details regarding these databases are provided in the EcoLog ERIS report in Appendix F.

The EcoLog ERIS database search identified no information regarding ECAs, PTTWs or CPUs for the Phase One Property; however, the ECA database identified two ECAs for other properties within the Phase One Study Area. All of these ECAs were for air emissions and no ECAs were identified for discharge to groundwater, which is considered the primary pathway of concern for contaminant impacts on the Phase One Property. As such, Pinchin does not consider the activities related to ECAs at these other properties within the Phase One Study Area to represent an environmental concern to the Phase One Property.

The EcoLog ERIS search of the PTTW and CPU databases identified no information regarding PTTWs or CPUs for the Phase One Property or other properties within the Phase One Study Area.

4.2.1.6 Inventory of Coal Gasification Plants

EcoLog ERIS searched the following publications prepared for the MOECC by Intera Technologies Inc. for information on industrial sites that formerly operated as coal gasification plants, and industrial sites that produced or used coal tar and other related tars:

- "*Inventory of Coal Gasification Plant Waste Sites in Ontario*", dated April 1987; and

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- "*Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*", dated November 1988.

The EcoLog ERIS search yielded no records of former coal gasification plants or the production or use of coal tar and related tars at the Phase One Property or other properties within the Phase One Study Area.

4.2.1.7 Environmental Incidents, Orders, Offences and Spills

EcoLog ERIS completed a search of the various provincial and federal databases for information regarding environmental incidents, orders, offences and spills. Details regarding the searched databases are provided in the EcoLog ERIS report in Appendix F.

The EcoLog ERIS database search indicated that, on September 8, 1999, 3-litres of oil were spilled into a ditch on or adjacent to the north portion of the Phase One Property (i.e., at former municipal address 12592 Coleraine Drive). It was noted that the spill was cleaned and monitored for reoccurrence by the Town of Caledon, and that an environmental impact was confirmed to have been identified within a water course or lake. It is unclear whether this release occurred on the Phase One Property, or immediately adjacent to the Phase One Property, and it is unclear which water course or lake was impacted. Based on the quantity of material released, it is Pinchin's opinion that this potential on-Site release does not constitute a PCA that would result in an APEC at the Phase One Property. No records of environmental incidents, orders, offences or spills were identified for other properties within the Phase One Study Area.

4.2.1.8 Waste Management Records

<u>Waste Generators</u>

EcoLog ERIS completed a search of the O. Reg. 347 Waste Generators database for information regarding waste generation. O. Reg. 347 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. The database search results provide a summary of available waste generation information for the registered sites for all years from 1986 to the present.

The EcoLog ERIS search of the O. Reg. 347 Waste Generators database found no information regarding the Phase One Property; however, the following information was found regarding other properties within the Phase One Study Area:

- Kingspan Insulated Panels, located at 12557 Coleraine Drive, had been registered with the MOECC as a generator (Generator #ON7629112) of various hazardous wastes including aliphatic solvents, waste oils and lubricants and oil skimmings and sludges from

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2010 until 2011, in 2016 and as of June 2017. Based on a review of Pinchin's in-house MOECC Waste Generator database, Kingspan Insulated Panels generated approximately 700 kilograms (kg) of paint/pigment/coating residues, 1,200 kg of inorganic laboratory chemicals, 7,600 kg of aliphatic solvents, approximately 4,300 kg of polymeric resins, 2,500 kg of oil skimmings and sludges, 2,200 kg of waste oils and lubricants and 4,900 kg of organic laboratory chemicals in 2016. This property is located approximately 65 m northeast of the Phase One Property and is inferred to be situated hydraulically upgradient relative to the Phase One Property. Given the distance between this property and the Phase One Property, as well as the soil type at the Phase One Property (i.e., clayey silt), it is Pinchin's opinion that the ongoing generation of hazardous wastes at this property is unlikely to give rise to potential subsurface impacts at the Phase One Property; and

- Menasha Packaging Canada L.P., located at 12315 Coleraine Drive, had been registered with the MOECC as a generator (Generator #ON9647998) of waste compressed gases, waste aliphatic solvents ad waste detergents/soaps from 2015 until 2016 and as of June 2017. Based on a review of Pinchin's in-house MOECC Waste Generator database, Menasha Packaging Canada L.P. generated 4 kg of waste compressed gases and approximately 60 kg of aliphatic solvents in 2016. This property is located approximately 75 m northeast of the Phase One Property and is inferred to be situated hydraulically upgradient relative to the Phase One Property. Given the distance between this property and the Phase One Property, as well as the soil type at the Phase One Property (i.e., clayey silt) and the small quantities of wastes generated, it is Pinchin's opinion that the ongoing generation of hazardous wastes at this property is unlikely to give rise to potential subsurface impacts at the Phase One Property.

Two other properties located within the Phase One Study Area were listed within the database search results as waste generators. Based on their locations and distances relative to the Phase One Property (i.e., greater than 100 m and/or inferred to be hydraulically downgradient or transgradient of the Phase One Property), and the types of hazardous wastes generated at these properties, it is Pinchin's opinion that historical hazardous waste generation at these properties is not considered an environmental concern for the Phase One Property.

Waste Receivers

EcoLog ERIS completed a search of the O. Reg. 347 Waste Receivers database for information regarding waste receivers. O. Reg. 347 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 contains registered receivers of regulated wastes, identified by

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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.

The EcoLog ERIS search of the O. Reg. 347 Waste Receivers database found no information regarding the Phase One Property or other properties within the Phase One Study Area.

4.2.1.9 Fuel Storage Tanks

EcoLog ERIS completed a search of various private, provincial and federal databases for information regarding chemical storage tanks, as well as private and retail fuel storage tanks. Details regarding the searched databases are provided in the EcoLog ERIS report in Appendix F.

The EcoLog ERIS search of the chemical or fuel storage tank databases found no information regarding the Phase One Property or other properties within the Phase One Study Area.

4.2.1.10 Notices and Instruments

EcoLog ERIS completed a search of the provincial Environmental Registry for records pertaining to proposals, decisions, and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. EcoLog ERIS also searched the Record of Site Condition database for filed RSCs.

The EcoLog ERIS search of the Environmental Registry and Record of Site Condition database found no information regarding the Phase One Property; however, three other properties within the Phase One Study Area were listed within the Environmental Registry database. None of the releases related to potential impacts on groundwater quality, which is considered the primary pathway of concern for contaminant migration to the Phase One Property. As such, there is a low potential for the Environmental Registry database search results to be indicative of discharges to the environment that represent an environmental concern to the Phase One Property and the likelihood of potential impacts to the Phase One Property is considered low.

4.2.1.11 Areas of Natural Significance

EcoLog ERIS reviewed available databases and records to assess whether any parks, wetlands, conservation areas, or other areas of natural significance, are located within the Phase One Study Area. The Area of Natural & Scientific Interest map included in the EcoLog ERIS report in Appendix F did not identify any areas of natural significance within the Phase One Study Area.

4.2.1.12 Landfill Information

EcoLog ERIS reviewed available private and provincial databases for records of any current or inactive landfills and waste disposal sites within the Phase One Study Area. Details regarding the searched databases are provided in the EcoLog ERIS report in Appendix F.

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The EcoLog ERIS search of the landfill and wasted disposal sites databases found no information regarding the Phase One Property or other properties within the Phase One Study Area.

4.2.1.13 Other EcoLog ERIS Databases

The EcoLog ERIS search of Scott's Manufacturing Directory database found no information regarding the Phase One Property; however, Naizil Inc., located at 12667 Coleraine Drive, was registered as a fabric coating manufacturer. This operation was established on July 1, 1980, had a plant size of 40,000 square feet, and employed 24 people. This property is located approximately 160 m north-northwest of the Phase One Property and situated hydraulically transgradient relative to the Phase One Property.

4.2.2 Ministry of the Environment and Climate Change Freedom of Information Search

The MOECC Freedom of Information and Protection of Privacy Office in Toronto, Ontario was contacted to determine if records exist for environmental matters such as orders, spills, previous investigations, prosecutions, registered PCB waste storage sites, waste generators, waste receivers, Cs-of-A and ECAs associated with the Phase One Property.

The searches were requested on August 28 and September 15, 2017, and responses were received from the MOECC on October 12 and December 1, 2017. The MOECC responses indicated that no records were available for the Phase One Property.

Copies of the MOECC responses are provided in Appendix G.

4.2.3 Technical Standards and Safety Authority Search

The TSSA is the regulatory body that governs the safe handling and storage of fuel in Ontario. All storage of gasoline, diesel and fuel oil is subject to the Technical Standards and Safety Act. The Technical Standards and Safety Act and its relevant documents and regulations (e.g., *Liquid Fuels Handling Code*; *Ontario Regulation 213/01 – Fuel Oil*; *Ontario Regulation 217/01 – Liquid Fuels*) require that all fuel storage devices such as aboveground storage tanks (ASTs) and underground storage tanks (USTs) be registered with the TSSA.

Pinchin contacted the TSSA to determine whether any ASTs or USTs are, or were, registered for the Phase One Property, and to determine whether any records of regulatory non-compliance exist. A letter response was issued by the TSSA on August 30, 2017 indicating that following a search of the TSSA files, no outstanding instructions, incident reports, fuel oil spills or contamination records, or records of registered ASTs or USTs were found for the Phase One Property.

A copy of the TSSA response is provided in Appendix H.

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4.2.4 *Property Underwriters' Reports and Plans*

Property Underwriters' Reports (PURs) provide detailed information on a site-specific basis, including descriptions of building construction, heating sources, production processes, and the presence of any hazardous chemicals or materials which may have been historically stored on the Phase One Property. They also indicate the presence of environmental hazards such as electrical rooms, transformers, boilers and storage tanks. Information provided on Property Underwriters' Plans (PUPs) includes the location, capacity, and contents of ASTs, USTs, chemical storage and other forms of environmental hazards.

Pinchin contacted Opta to obtain copies of PURs and PUPs related to the Phase One Property. In a response dated August 29, 2017, Opta indicated that no PURs or PUPs for the Phase One Property or Phase One Study Area were available. The Opta response is provided in Appendix D.

4.2.5 *City Directories*

City directories for the years 1991 to 2000 were reviewed by Pinchin at the Library and Archives of Canada in Ottawa, Ontario. It should be noted that no city directories were available for the Town of Caledon subsequent to 2000 or prior to 1991. A summary of information obtained with respect to the Phase One Property is provided in the following table:

Year(s)	Occupant Listings for Site Address
1991	Not listed.
1996 to 2000	Residential.

Based on Pinchin's review of the above-noted city directories, no PCAs were identified at the Phase One Property.

In general, the city directories indicated that the properties in the Phase One Study Area outside of the Phase One Property have been historically occupied by commercial and/or residential land uses since at least the early-1990s. Based on Pinchin's review of the above-noted city directories, no PCAs, including historical dry cleaning operations, RFOs or other operations of potential environmental concern, were identified in the Phase One Study Area outside of the Phase One Property.

4.3 Physical Setting Sources

4.3.1 *Aerial Photographs*

Pinchin reviewed aerial photographs of the Phase One Property and surrounding properties within the Phase One Study Area to assess the potential for historical PCAs. Copies of aerial photographs dated 1960 and 1976 were obtained from the National Air Photo Library in Ottawa, Ontario and reviewed by Pinchin. In addition, Pinchin reviewed Google Earth™ Satellite Imagery dated 2004, 2009, 2013, 2015

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and 2016. The 1960 aerial photograph was the earliest available aerial photograph of the Phase One Study Area.

Efforts were made by Pinchin to obtain aerial photographs that:

- Illustrated the period between initial development of the Phase One Property to the present;
- Identified buildings and structures present on the Phase One Property since initial development;
- Identified PCAs within the Phase One Study Area; and
- Identified APECs on the Phase One Property.

It should be noted that accurate details could not be determined from the aerial photographs dated 1960 and 1976 due to the large reference scale and the low resolution of the photographs.

A summary of information obtained with respect to the Phase One Property from a review of the available aerial photography is provided in the following table:

Year of Photograph	Phase One Property
1960, 1976, 2004, 2009 and 2013	The Phase One Property appeared to consist of agricultural land that appeared to be traversed by creeks that were similar in size and configuration to the present-day on-Site tributaries of the West Humber River. Additionally, residential buildings appeared to be located on the southwest (i.e., 12300 Coleraine Drive) and north/northeast (i.e., 12400, 12490 and 12592 Coleraine Drive) portions of the Phase One Property.
2015	Similar to 2013; however, the apparent residential buildings on the northeast portion of the Phase One Property that appeared to be located at present-day 12490 Coleraine Drive were no longer present.
2016	Similar to 2015; however, the apparent residential buildings on the northeast portion of the Phase One Property that appeared to be located at present-day 12400 Coleraine Drive were no longer present.

A summary of information obtained with respect to the surrounding properties within the Phase One Study Area is provided in the following table:

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Year of Photograph	Northwest	Northeast	Southeast	Southwest
1960 and 1976	Apparent agricultural land that was traversed by an apparent creek.	A road similar in configuration to present-day Coleraine Drive followed by apparent agricultural land and associated residential dwellings.	Apparent agricultural land.	Apparent agricultural land that appeared to be traversed by a creek.
2004	Similar to 1976.	Apparent residential buildings and a road similar in configuration to present-day Coleraine Drive followed by apparent agricultural land, apparent residential buildings, roads similar in configuration to present-day Parr Boulevard, and an apparent commercial property similar in configuration to the present-day operation at 44 Simpson Road.	Apparent residential buildings followed by apparent agricultural land.	Similar to 1976.
2009 and 2013	Similar to 2004.	Similar to 2004; however, buildings similar in size and configuration to those at present-day12557 and 12315 Coleraine Drive appeared to have been constructed beyond the road similar in configuration to present-day Coleraine Drive.	Similar to 2004.	Similar to 2004.

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Year of Photograph	Northwest	Northeast	Southeast	Southwest
2015 and 2016	Similar to 2013.	Similar to 2013; however, a building similar in size and configuration to present-day 180 Parr Boulevard appeared to have been constructed beyond Coleraine Drive.	Similar to 2013.	Similar to 2013.

Based on the aerial photographs reviewed for the Phase One Property and the surrounding area, it appears that the Phase One Property was developed prior to 1960.

The aerial photograph review identified the following PCA within the Phase One Study Area:

- Properties located northwest, northeast, southeast and southwest of the Phase One Property appeared to be utilized for agricultural purposes between 1960 and 2016.

The aerial photograph review identified the following APEC on the Phase One Property:

- The Phase One Property appeared to be utilized for agricultural purposes between 1960 and 2016.

Copies of the aerial photographs of the Phase One Property and surrounding area are provided in Appendix I.

4.3.2 Topography, Hydrology and Geology

The elevation of the Phase One Property, based on information obtained from the Ontario Base Map series, ranges between approximately 234 and 239 m above mean sea level (mamsl). The general topography in the local and surrounding area gradually slopes downwards towards the southeast. No bedrock outcrops were observed on-Site or in the surrounding area.

A review of the available physiographical data indicates that the Phase One Property and surrounding properties within the Phase One Study Area are located within glacial deposits consisting of silty clay to clayey silt. Bedrock is expected to consist of shale, limestone, dolostone and/or siltstone of the Georgian Bay Formation, Blue Mountain Formation, Billings Formation, Collingwood Member and/or Eastview member. The topography is considered to be mainly flat to rolling low local relief with dry surface water drainage conditions. During previous on-Site environmental investigations, the soil stratigraphy was observed to consist of clayey silt till.

Based on general hydrogeological principles and Pinchin's familiarity with subsurface conditions at and near the Phase One Property and the surrounding properties within the Phase One Study Area, the

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unconfined groundwater beneath the Phase One Property is expected to flow in a southwesterly direction. Three tributaries of the West Humber River are located on the Phase One Property and within the Phase One Study Area. The nearest major water body is the West Humber River, located approximately 855 m southwest of the Phase One Property at an elevation of approximately 230 mamsl.

Copies of pertinent maps, illustrating local topographical, hydrogeological and drainage features are provided in Appendix J.

4.3.3 Fill Materials

No evidence of fill material, disturbed soil or buried debris was observed at the Phase One Property during the Site reconnaissance.

4.3.4 Water Bodies and Areas of Natural Significance

No water bodies were identified on the Phase One Property or on surrounding properties within the Phase One Study Area, with the exception of three tributaries of the West Humber River, which are located on the Phase One Property and extend onto properties within the Phase One Study Area located northwest, southeast, southwest and northeast of the Phase One Property.

A review of the Area of Natural & Scientific Interest map prepared by EcoLog ERIS (see Appendix F) did not identify any parks, wetlands, conservation areas, or other areas of natural significance, within the Phase One Study Area.

4.3.5 Well Records

A search of the Water Well Information System database by EcoLog ERIS identified 17 water well records for the Phase One Property and 11 water well records within the Phase One Study Area. A summary of pertinent information obtained with respect to the wells is provided in the following table:

MOECC Well ID	Location	Stratigraphy	Approximate Depth to Bedrock	Approximate Depth to Water Table
7224997	Central portion of the Phase One Property	Brown clay with silt (0-4.6 mbgs) Grey silt with clay (4.6-7.6 mbgs)	Not encountered (> 7.6 mbgs)	Not indicated
7245006	Central-northeast portion of the Phase One Property	Not indicated	Not indicated	Not indicated
7245005	Central-northwest portion of the Phase One Property	Not indicated	Not indicated	Not indicated

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MOECC Well ID	Location	Stratigraphy	Approximate Depth to Bedrock	Approximate Depth to Water Table
4902966	Northeast portion of the Phase One Property	Brown clay (0-3.7 mbgs) Silt (3.7-7.9 mbgs) Blue clay (7.9-31.7 mbgs) Shale (31.7-43.3 mbgs)	31.7 mbgs	7.3 mbgs
7224998	Northeast portion of the Phase One Property	Brown clay with silt (0-4.6 mbgs) Grey silt with clay (4.6-7.6 mbgs)	Not encountered (> 7.6 mbgs)	Not indicated
7224999	Central-northwest portion of the Phase One Property	Brown clay with silt (0-4.6 mbgs) Grey silt with clay (4.6-6.1 mbgs)	Not encountered (> 6.1 mbgs)	Not indicated
7224996	Central-northeast portion of the Phase One Property	Not indicated	Not indicated	Not indicated
7224983	Central-southeast portion of the Phase One Property	Brown clay with silt (0-4.6 mbgs) Grey silt with clay (4.6-7.6 mbgs)	Not encountered (> 7.6 mbgs)	Not indicated
7224993	Central-northwest portion of the Phase One Property	Brown clay with silt (0-4.6 mbgs) Grey silt with clay (4.6-6.1 mbgs)	Not encountered (> 6.1 mbgs)	Not indicated
4900251	Centrally along the northeast boundary of the Phase One Property	Brown clay (0-4.6 mbgs) Blue clay (4.6-23.2 mbgs) Sand with gravel (23.2-26.8 mbgs) Shale (26.8-32.0 mbgs)	26.8 mbgs	6.7 mbgs
4910382	Within the southeast portion of the northeast boundary	Brown topsoil (0-0.3 mbgs) Brown silt (0.3-3.1	Not encountered (> 6.1 mbgs)	Not indicated

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MOECC Well ID	Location	Stratigraphy	Approximate Depth to Bedrock	Approximate Depth to Water Table
	of the Phase One Property	mbgs) Grey clay with silt (3.1 to 6.1 mbgs)		
4904311	Within the northwest portion of the northeast boundary of the Phase One Property	Brown topsoil (0-3.1 mbgs) Grey clay (3.1-13.1 mbgs) Grey sand (13.1-13.7 mbgs)	Not encountered (> 13.7 mbgs)	6.1 mbgs
7224994	Northwest portion of the Phase One Property	Brown clay with sitl (0-4.6 mbgs) Grey silt with clay (4.6-7.6 mbgs)	Not encountered (> 7.6 mbgs)	Not indicated
7224995	East corner of the Phase One Property	Brown clay with silt (0-4.6 mbgs) Grey silt with clay (4.6-6.1 mbgs)	Not encountered (> 6.1 mbgs)	Not indicated
7224982	South corner of the Phase One Property	Brown clay with silt (0-4.6 mbgs) Grey silt with clay (4.6-6.1 mbgs)	Not encountered (> 6.1 mbgs)	Not indicated
7225000	North corner of the Phase One Property	Brown clay with silt (0-4.6 mbgs) Grey silt with clay (4.6-7.6 mbgs)	Not encountered (> 7.6 mbgs)	Not indicated
4900252	North corner of the Phase One Property	Brown topsoil (0-3.7 mbgs) Grey clay (3.7-17.7 mbgs) Grey sand (17.7-18.3 mbgs)	Not encountered (> 18.3 mbgs)	9.1 mbgs
4905462	Approximately 20 m southeast of the Phase One Property at 12224 Coleraine Drive	Not indicated	Not indicated	13.7 mbgs

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MOECC Well ID	Location	Stratigraphy	Approximate Depth to Bedrock	Approximate Depth to Water Table
7210516	Approximately 45 m northwest of the Phase One Property at 12780 Coleraine Drive	Brown clay with sand (0-1.5 mbgs) Grey clay with sand and silt (1.5-6.1 mbgs)	Not encountered (> 6.1 mbgs)	Not indicated
4903672	Approximately 60 m northeast of the Phase One Property at 12415 Coleraine Drive	Brown clay (0-9.1 mbgs) Blue clay (9.1-30.8 mbgs) Gravel (30.8-31.1 mbgs) Shale (31.1-33.5 mbgs)	31.1 mbgs	8.5 mbgs
4903718	Approximately 65 m northeast of the Phase One Property at 12465 Coleraine Drive	Brown clay (0-4.5 mbgs) Grey clay (4.5-10.7 mbgs) Grey sand (10.7-12.2 mbgs) Grey clay (12.2-25.6 mbgs) Sand with shale (25.6-25.9 mbgs)	25.6 mbgs	12.2 mbgs
4905281	Approximately 70 m northeast of the Phase One Property at 12555 Coleraine Drive	Brown clay (0-4.9 mbgs) Blue clay (4.9-27.7 mbgs) Gravel with sand and stones (27.7-29.0 mbgs) Shale (29.0-38.1 mbgs)	29.0 mbgs	Not indicated
4903673	Approximately 70 m northeast of the Phase One Property at 12465 Coleraine Drive	Brown clay with sand (0-5.2 mbgs) Blue clay (5.2-13.7 mbgs) Blue clay with boulders (13.7-22.3 mbgs)	Not encountered (> 30.2 mbgs)	8.2 mbgs

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MOECC Well ID	Location	Stratigraphy	Approximate Depth to Bedrock	Approximate Depth to Water Table
		Green clay (22.3-24.7 mbgs) Boulders (24.7-30.2 mbgs)		
4904454	Approximately 70 m northeast of the Phase One Property	Brown clay (0-6.1 mbgs) Blue clay (6.1-24.1 mbgs) Blue clay with gravel (24.1-27.4 mbgs) Blue shale (27.4-38.1 mbgs)	11.0 mbgs	27.4 mbgs
7260126	Approximately 75 m north-northeast of the Phase One Property at 44 Simpson Road	Not indicated	Not indicated	Not indicated
4904901	Approximately 95 m northeast of the Phase One Property at 12393 Coleraine Drive	Brown topsoil (0-2.4 mbgs) Grey clay with sand (2.4-22.9 mbgs)	Not encountered (>22.9 mbgs)	4.6 mbgs
4904518	Approximately 100 m east-northeast of the Phase One Property at the agricultural property located immediately southeast of the Phase One Property with no municipal address	Brown topsoil (0-3.1 mbgs) Grey clay (3.1-11.6 mbgs) Sand (11.6-12.2 mbgs)	Not encountered (> 12.2 mbgs)	3.7 mbgs
7111706	Approximately 115 m northwest of the Phase One Property at the agricultural property located immediately northwest of the Phase One Property with no municipal address	Not indicated	Not indicated	7.6 mbgs

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The EcoLog ERIS report search results indicated that most of the wells identified within the Phase One Study Area were installed for shallow overburden monitoring and that the margin of error associated with the UTM coordinates ranged between 10 to 30 m and 100 to 300 m.

It is unknown if the water wells currently exist within the Phase One Study Area or have been decommissioned.

The Water Well Information System database search results are provided in the EcoLog ERIS report in Appendix K.

As documented in the 2014 exp Geotechnical Investigation Report, ten groundwater monitoring wells were installed at the Phase One Property in 2014. At the time of the Site reconnaissance, eight standalone monitoring wells and two clusters of three or more monitoring wells were observed throughout the Phase One Property. It is unclear which of these wells corresponds to the above-noted on-Site well records. It is noted that one of the standalone groundwater monitoring wells appeared to have been damaged. Pinchin recommends repairing or decommissioning this monitoring well in accordance with Ontario Regulation 903/90 (as amended) (O. Reg. 903/90). The 2014 exp Geotechnical Investigation Report indicated that these monitoring wells were advanced to depths ranging between 6.2 and 8.2 mbgs, and that subsurface soil within these monitoring wells consisted of topsoil underlain by disturbed clayey silt/sandy silt till that extended to depths ranging between 0.4 and 0.8 mbgs, which was then underlain by clayey silt till that extended to the maximum borehole completion depth of 8.2 mbgs.

4.4 Site Operating Records

There are no current land uses or records of historical land use that would classify the Phase One Property as an enhanced investigation property (see Section 6.3). As such, site operating records were not reviewed as part of the Phase One ESA.

5.0 INTERVIEWS

Pinchin interviewed individuals knowledgeable of the Phase One Property and its history to obtain or confirm information regarding the environmental condition of the Phase One Property. The following individuals provided information regarding the history of the Phase One Property and the surrounding properties within the Phase One Study Area to the best of their knowledge:

Person Interviewed	Relationship to Phase One Property	Date and Place of Interview	Interview Method
Mr. Randy Gladman	Representative of the current owner of Phase One Property	June 14, 2014 (By email)	Email interview.

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Mr. Gladman was chosen to be interviewed given that he is a representative of the current owner of the Phase One Property, and is familiar with the recent operational history of the Phase One Property. Mr. Gladman is referred to herein as the "Site Representative", and was interviewed by the Pinchin representative (Ms. Melissa Gallagher) via email.

Pinchin compared the information obtained from the interviews with information obtained from the historical records. The information provided by the interviewees was corroborated by the available historical records. As such, Pinchin has no concerns regarding the validity of the information provided by the individuals interviewed for the Phase One ESA.

With respect to PCAs and APECs, no additional information was obtained from the interviews other than that documented elsewhere in this report.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

A visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area was conducted for the purpose of identifying the presence of possible PCAs and associated APECs.

The Site reconnaissance was completed on August 25, 2017 by a Pinchin representative (i.e., Ms. Melissa Gallagher), under the direct supervision of Pinchin's QP overseeing this project. Ms. Gallagher is a Project Manager with more than 6 years of environmental consulting experience. Pinchin visited the Phase One Property and surrounding properties within the Phase One Study Area to document environmental conditions. During the Site reconnaissance, Pinchin viewed all accessible areas within the Phase One Property and viewed publicly-accessible portions of the adjacent lands for the presence of actual or potential issues of environmental concern.

The Site reconnaissance was conducted between the hours of 11:15 AM and 2:30 PM. During the Site reconnaissance, the weather was clear and sunny, and the ambient temperature was approximately 22° Celsius. The Phase One Property reconnaissance was conducted on foot and consisted of a full walk-through of the property. There were no access restrictions for Pinchin for the Phase One Property with the exception of the construction trailer in the north corner of the Phase One Property, which could not be accessed at the time of the Site reconnaissance. At the time of the Site reconnaissance, the Phase One Property consisted of agricultural land and land that appeared to be undergoing development.

Photographs taken during the Site reconnaissance that illustrate the interior and exterior of the Site Building, Phase One Property and Phase One Study Area are provided in Appendix B. With reference to Appendix B, the following table provides a summary of photographs that illustrate PCAs and APECs identified at the Phase One Property during the Site reconnaissance:

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Photograph No.	Orientation	Description
2	Looking west	View of apparent crops on the Phase One Property (PCA #3).

With reference to Appendix B, the following table provides a summary of photographs that illustrate PCAs observed within the Phase One Study Area during the Site reconnaissance:

Photograph No.	Orientation	Description
15	Looking southwest	View of agricultural operations on the property located southeast of the Phase One Property (PCA #10).
16	Looking northeast	View of agricultural operations on the property located southwest of the Phase One Property (PCA #9).
17	Looking north	View of DB Schenker at 12315 Coleraine Drive (PCA #4).
18	Looking northeast	View of Autolinx Express Inc. at 12673 Coleraine Drive (PCA #5).
19	Looking west	View of Kingspan at 12557 Coleraine Drive (PCA #7).
20	Looking northeast	View of agricultural operations approximately 90 m east-southeast of the Phase One Property (PCA #12).

6.2 Specific Observations at Phase One Property

6.2.1 Description of Buildings and Structures

There were no buildings or structures present on the Phase One Property at the time of the Site reconnaissance; however, a construction trailer was located on the north portion of the Phase One Property. The Site Representative indicated that this trailer has been located on-Site since approximately late-2016/early-2017, and that the trailer is utilized as a construction office.

6.2.2 Description of Below-Ground Structures

There were no below-ground structures present on the Phase One Property at the time of the Site reconnaissance.

6.2.3 Description of Tanks

During the Site reconnaissance, Pinchin did not observe any tanks on the Phase One Property for the purpose of either fuel dispensing or storage, or other unidentified substance storage.

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6.2.4 Potable and Non-Potable Water Sources

During the Site reconnaissance, Pinchin did not observe potable or non-potable water sources on the Phase One Property. The Phase One Property is currently not serviced by a municipal water supply.

6.2.5 Description and Location of Underground Utilities

An electrical line is located within the north portion of the Phase One Property. This electrical line runs overhead onto a pole before running underground into the construction trailer. No additional live underground utilities were noted to be present at the Phase One Property by the Site Representative; however, the Site Representative indicated that historical and out of use underground utilities associated with the former on-Site residential buildings may be present at the Phase One Property.

6.2.6 Entry and Exit Points

The main man-door entry/exit point of the construction trailer in the north corner of the Phase One Property is through the northwest elevation. Vehicular and pedestrian access is provided to the Phase One Property through vehicular entrances located along the northeast boundary of the Phase One Property, along Coleraine Drive. Two driveways were also observed on the Phase One Property, located adjacent to the northwest Phase One Property boundary and within the southeast portion of the Phase One Property.

6.2.7 Details of Heating System

The Site Representative indicated that the construction trailer on the north portion of the Phase One Property is heated with electrical baseboard units.

6.2.8 Details of Cooling System

During the Site reconnaissance, Pinchin observed a window-mounted air-conditioning unit within the construction trailer on the north portion of the Phase Two Property, but was unable to determine whether the unit contained ozone-depleting substances (ODSs).

6.2.9 Details of Drains, Pits and Sumps

The Phase One Property was not developed at the time of the Site reconnaissance and, as such, no drains, pits or sumps were observed at the Phase One Property.

6.2.10 Unidentified Substances within Buildings and Structures

During the Site reconnaissance, the Phase One Property was undeveloped and, as such, no unidentified substances were observed within buildings at the time of the Site reconnaissance. However, given that access was not provided to the construction trailer on the north portion of the Phase One Property, Pinchin is unable to confirm or deny the presence of unidentified substances within the construction trailer.

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6.2.11 Details of Staining and Corrosion

During the Site reconnaissance, the Phase One Property was undeveloped and, as such, no staining or corrosion was observed within buildings or structures at the time of the Site reconnaissance.

6.2.12 Details of On-Site Wells

Eight standalone monitoring wells and two clusters of three or more monitoring wells were observed throughout the Phase One Property during the Site reconnaissance. It is noted that one of the standalone groundwater monitoring wells appeared to have been damaged. Pinchin recommends repairing or decommissioning this monitoring well in accordance with O. Reg. 903/90. According to the 2014 exp Geotechnical Investigation Report, these monitoring wells were advanced to depths ranging between 6.2 and 8.2 mbgs. Additionally, no potable water supply wells were observed during the Site reconnaissance; however, according to the 2008 SEL Phase I ESA Report (Southeast Portion of Site), the residential building historically located on the southwest portion of the Phase One Property (i.e., at 12300 Coleraine Drive) was equipped with a designated potable supply well. The Site Representative indicated that all additional residential buildings at the Site were likely equipped with potable supply wells, but was unable to provide any additional details regarding these wells.

6.2.13 Details of Sewage Works

During the Site reconnaissance, Pinchin did not observe any sewage works or evidence of sewage disposal on the Phase One Property; however, according to the 2008 SEL Phase I ESA Report (Southeast Portion of Site), the residential building historically located on the southwest portion of the Phase One Property at 12300 Coleraine Drive was equipped with a septic system. Additionally, the Site Representative indicated that the additional historical residential buildings on-Site were also equipped with septic systems, but was unable to provide details regarding these historical systems. It is unclear if any of these septic systems remain present on the Phase One Property.

6.2.14 Details of Ground Cover

During the Site reconnaissance, Pinchin visually inspected the Phase One Property ground cover. The majority of the Phase One Property consisted of vegetated areas, apparent agricultural fields and forested areas. Bare ground areas and stockpiles of native topsoil were located on the northwest portion of the Phase One Property, and an apparent dirt road had been constructed along the northwest boundary of the Phase One Property.

6.2.15 Details of Current or Former Railways

No current or former railway infrastructure was observed on the Phase One Property.

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6.2.16 Areas of Stained Soil, Vegetation and Pavement

During the Site reconnaissance, Pinchin did not observe any areas of stained soil, vegetation or pavement on the Phase One Property.

6.2.17 Areas of Stressed Vegetation

During the Site reconnaissance, Pinchin did not observe any areas of stressed vegetation on the Phase One Property.

6.2.18 Areas of Fill and Debris Materials

No obvious areas where fill material or debris have been placed or graded were observed by Pinchin at the Phase One Property.

6.2.19 Potentially Contaminating Activities

A PCA is defined by O. Reg. 153/04 as a "use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a Phase One Study Area" including the Phase One Property.

The following PCA was observed on the Phase One Property during the Site reconnaissance:

- Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications (apparent agricultural fields on the majority of the Phase One Property).

Details regarding the PCA (e.g., locations, potential contaminants of concern, and rationale for inclusion) are provided in the above relevant sections of this report, and are further summarized in Section 7.2.

6.2.20 Unidentified Substances Outside Buildings and Structures

During the Site reconnaissance, Pinchin did not observe any unidentified substances or storage containers holding unidentified substances on the exterior of the Phase One Property.

6.3 Enhanced Investigation Property

O. Reg. 153/04 defines an "enhanced investigation property" as a property that is being used or has been used, in whole or in part, in the following manner:

- For an industrial use or;
- For any of the following commercial uses:
  - As a garage;
  - As a bulk liquid dispensing facility, including a gasoline outlet; or
  - For the operation of dry cleaning equipment.

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The findings of this Phase One ESA have not documented any of the above land uses as occurring at the Phase One Property, and the Phase One Property is therefore not an enhanced investigation property.

6.4 Written Description of Investigation

The Phase One ESA completed by Pinchin included investigations of the Phase One Property and the Phase One Study Area outside of the Phase One Property pursuant to Sections 13 and 14 of Schedule D of O. Reg.153/04. The main objective of these investigations was to identify PCAs at the Phase One Property or within the Phase One Study Area outside of the Phase One Property that could have resulted in APECs at the Phase One Property.

6.4.1 Phase One Property

The investigation of the Phase One Property consisted of the following components:

- Review of available historical records, including chain of title search, previous environmental reports, EcoLog ERIS regulatory search, information obtained through MOECC FOI and TSSA requests, city directories, aerial photographs and well records;
- A Site reconnaissance completed on August 25, 2017 by Ms. Melissa Gallagher of Pinchin that included an assessment of the exterior of the Phase One Property;
- Interviews with individuals knowledgeable of the history and operations at the Phase One Property; and
- Review of mapping provided by EcoLog ERIS for the presence of areas of natural significance.

Pinchin's investigation of the Phase One Property identified the following PCAs:

- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks:
  - PCA #1: According to the 2008 SEL Phase I ESA Report (Southeast Portion of Site), an AST was located within the basement of the former residential building on the southwest portion of the Phase One Property (i.e., 12300 Coleraine Drive);
  - PCA #2: According to the 2008 SEL Phase I ESA Report (Southeast Portion of Site), two empty ASTs were located adjacent to a barn formerly located on the southwest portion of the Phase One Property (i.e., 12300 Coleraine Drive); and
- Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications:
  - PCA #3: Based on a review of aerial photographs, observations made during the Site reconnaissance and on information provided by the Site Representative, the majority of the Phase One Property is and has historically been utilized for agricultural purposes.

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As per O. Reg. 153/04, all identified PCAs at the Phase One Property are considered APECs that will require investigation through the completion of a Phase Two ESA.

No areas of natural significance were identified at the Phase One Property.

6.4.2 Phase One Study Area Outside of Phase One Property

The investigation of the Phase One Study Area outside of the Phase One Property consisted of the following components:

- Review of available historical records, including EcoLog ERIS regulatory search, city directories and aerial photographs;
- Visual inspection of properties from publicly-accessible areas for evidence of PCAs and water bodies; and
- Review of mapping provided by EcoLog ERIS for the presence of areas of natural significance.

Pinchin's investigation of the Phase One Study Area outside of the Phase One Property identified the following PCAs within the Phase One Study Area:

- Item 11 – Commercial Trucking and Container Terminals:
  - PCA #4: DB Schenker, located approximately 85 m northeast of the Phase One Property at 12315 Coleraine Drive;
  - PCA #5: Autolinx Express Inc., located approximately 190 m north-northwest of the Phase One Property at 12673 Coleraine Drive; and
  - PCA #6: GT Bolton Inc., located approximately 185 m east of the Phase One Property at 12155 Coleraine Drive.
- Item 34 – Metal Fabrication:
  - PCA #7: Kingspan, located approximately 65 m northeast of the Phase One Property at 12557 Coleraine Drive.
- Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications:
  - PCA #8: Agricultural operations located immediately west of the Phase One Property;
  - PCA #9: Agricultural operations located immediately southwest of the Phase One Property;
  - PCA #10: Agricultural operations located immediately southeast of the Phase One Property;

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- PCA #11: Agricultural operations located approximately 90 m east-southeast of the Phase One Property, along the northeast side of Coleraine Drive;
- PCA #12: Agricultural operations located approximately 230 m east-southeast of the Phase One Property, at 8224 Mayfield Road; and
- PCA #13: Agricultural operations located approximately 25 m northeast of the Phase One Property, along the northeast side of Coleraine Drive.

The above-noted PCAs located on other properties within the Phase One Study Area are not considered to represent an environmental concern for the Phase One Property due to the distance from the Phase One Property, the soil type at the Phase One Property (i.e., clayey silt) and/or the downgradient/ transgradient location of the PCAs relative to the Phase One Property.

No areas of natural significance were identified within the Phase One Study Area outside of the Phase One Property.

Based on a cursory review of the properties greater than 250 m (i.e., outside of the Phase One Study Area), but less than 1 km, from the Phase One Study Area, Pinchin did not note or observe any significant contaminating properties that should be included as part of this assessment (i.e., landfills, large industrial manufacturers, etc.).

Plans identifying the locations of the PCAs and APECs for which this Phase One ESA applies to are provided as Figures 5 and 6.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

The following table is a summary of the current and past land uses of the Phase One Property:

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
PIN 14349-0363 (LT) – North Corner of Phase One Property; 12592 Coleraine Drive				
Pre-1840	Crown	Assumed agricultural use	Agricultural or other use	None.
1840-1867	William Caldwell	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1867-1874	John Caldwell	Assumed residential and agricultural use	Residential use	None.
1874-1878	John Clark	Assumed residential and agricultural use	Residential use	None.
1878-1881	Robert Clark	Assumed residential and agricultural use	Residential use	None.
1881-1905	William Henry Clark	Assumed residential and agricultural use	Residential use	None.
1905-1919	Milford C. Moffatt	Assumed residential and agricultural use	Residential use	None.
1919-1922	Norman W. Harper	Assumed residential and agricultural use	Residential use	None.
1922-1932	John T. Snell	Assumed residential and agricultural use	Residential use	None.
1932-1960	John C. Snell	Assumed residential and agricultural use	Residential use	None.
1960-1965	Alfred J. Snell	Assumed residential and agricultural use	Residential use	Based on a review of the 1960 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1965-1995	Jean E. Snell	Assumed residential and agricultural use	Residential use	Based on a review of the 1976 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
1995-2016	William Ashley	Assumed residential and agricultural use	Residential use	Based on a review of the 2004, 2009, 2013, 2015 and 2016 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
2016-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP	Agricultural use	Agricultural use	The residential buildings shown on the 2016 aerial photograph were not present during the Site reconnaissance and, according to the Site Representative, were demolished in late-2016.
PIN 14349-0378 (LT) – Central-Northeast Portion of Phase One Property; 12400 Coleraine Drive				
Pre-1840	Crown	Assumed agricultural use	Agricultural or other use	None.
1840-1867	William Caldwell	Assumed residential and agricultural use	Residential use	None.
1867-1874	John Caldwell	Assumed residential and agricultural use	Residential use	None.
1874-1878	John Clark	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1878-1881	Robert Clark	Assumed residential and agricultural use	Residential use	None.
1881-1905	William Henry Clark	Assumed residential and agricultural use	Residential use	None.
1905-1919	Milford CC. Moffatt	Assumed residential and agricultural use	Residential use	None.
1919-1922	Norman W. Harper	Assumed residential and agricultural use	Residential use	None.
1922-1932	John T. Snell	Assumed residential and agricultural use	Residential use	None.
1932-1960	John C. Snell	Assumed residential and agricultural use	Residential use	None.
1960-1962	Alfred J. Snell	Assumed residential and agricultural use	Residential use	None.
1962-1965	Millie A. Snell	Assumed residential and agricultural use	Residential use	Based on a review of the 1960 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
1965-1965	Manfred Kraus	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1965-1982	Adolf Schewski & Paul Schewski	Assumed residential and agricultural use	Residential use	Based on a review of the 1976 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
1982-1988	Adolf Schewske & Lina Schewske	Assumed residential and agricultural use	Residential use	None.
1988-2006	Antonio Borrelli, Gelsomina Borrelli, Marcello Borrelli & Roberto Borrelli	Assumed residential and agricultural use	Residential use	Based on a review of the 2004 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
2006-2008	Hydro One Networks Inc.	Assumed residential and agricultural use	Residential use	None.
2008-2014	748492 Ontario Limited	Assumed residential and agricultural use	Residential use	Based on a review of the 2009 and 2013 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
2014-2014	Nutrimart Corp.	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
2014-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP	Assumed residential and agricultural use	Residential use	Based on a review of the 2015 and 2016 aerial photographs, this portion of the Phase One Property consisted only of agricultural land, and the previous residential buildings were no longer apparent.
PIN 14349-0369 (LT) – Central-Northeast Portion of Phase One Property				
Pre-1840	Crown	Assumed agricultural use	Agricultural or other use	None.
1840-1867	William Caldwell	Assumed residential and agricultural use	Residential use	None.
1867-1874	John Caldwell	Assumed residential and agricultural use	Residential use	None.
1874-1878	John Clark	Assumed residential and agricultural use	Residential use	None.
1878-1881	Robert Clark	Assumed residential and agricultural use	Residential use	None.
1881-1905	William Henry Clark	Assumed residential and agricultural use	Residential use	None.
1905-1919	Milford C. Moffatt	Assumed residential and agricultural use	Residential use	None.
1919-1922	Norman W. Harper	Assumed residential and agricultural use	Residential use	None.
1922-1932	John T. Snell	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1932-1960	John C. Snell	Assumed residential and agricultural use	Residential use	None.
1960-1962	Alfred J. Snell	Assumed residential and agricultural use	Residential use	Based on a review of the 1960 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land.
1962-1965	Millie A. Snell	Assumed residential and agricultural use	Residential use	None.
1965-1965	Manfred Kraus	Assumed residential and agricultural use	Residential use	None.
1965-1970	Anna Orlando	Assumed residential and agricultural use	Residential use	None.
1970-1973	Silvano Fabbro, John Cella & Cornello Cudini	Assumed residential and agricultural use	Residential use	None.
1973-2001	Arturo Tolfo & Ofelia Tolfo	Assumed residential and agricultural use	Residential use	Based on a review of the 1976 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land.
2001-2005	Mini Investors Inc.	Assumed residential and agricultural use	Residential use	Based on a review of the 2004 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
2005-2014	Nutristock Corp.	Assumed residential and agricultural use	Residential use	Based on a review of the 2009 and 2013 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land.
2014-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP	Assumed residential and agricultural use	Residential use	Based on a review of the 2015 and 2016 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land.
PIN 14349-0367 (LT) – Northwest Portion of Phase One Property				
Pre-1840	Crown	Assumed agricultural use	Agricultural or other use	None.
1840-1867	William Caldwell	Assumed residential and agricultural use	Residential use	None.
1867-1874	John Caldwell	Assumed residential and agricultural use	Residential use	None.
1874-1878	John Clark	Assumed residential and agricultural use	Residential use	None.
1878-1881	Robert Clark	Assumed residential and agricultural use	Residential use	None.
1881-1905	William Henry Clark	Assumed residential and agricultural use	Residential use	None.
1905-1919	Milford C. Moffatt	Assumed residential and agricultural use	Residential use	None.
1919-1922	Norman W. Harper	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1922-1961	John T. Snell	Assumed residential and agricultural use	Residential use	Based on a review of the 1960 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land.
1961-1965	Millie A. Snell	Assumed residential and agricultural use	Residential use	None.
1965-1965	Manfred Kraus	Assumed residential and agricultural use	Residential use	None.
1965-1965	Frank Shelley & Regina Shelley	Assumed residential and agricultural use	Residential use	None.
1965-1967	Pietro Serrago & Adelina Serrago and Giovanni Micieli & Annunziata Micieli	Assumed residential and agricultural use	Residential use	None.
1967-1968	Domenico Santaguida & Vincenzo Di Leo	Assumed residential and agricultural use	Residential use	None.
1968-1977	Giovanni Del Mei & Renza Del Mei and Francesco Del Mei	Assumed residential and agricultural use	Residential use	Based on a review of the 1976 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land.
1977-2003	Benito Linardi & Elda Linardi and Guiseppe Taddeo & Caroline Taddeo	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
2003-2005	Ortona Investments Ltd. and Gugliemi Holdings Inc.	Assumed residential and agricultural use	Residential use	Based on a review of the 2004 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land.
2005-2014	Nutristock Corp.	Assumed residential and agricultural use	Residential use	Based on a review of the 2009 and 2013 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land.
2014-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP	Assumed residential and agricultural use	Residential use	Based on a review of the 2015 and 2016 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land.
PIN 14349-0349 (LT) – Central-Northwest Portion of Phase One Property				
Pre-1840	Crown	Assumed agricultural use	Agricultural or other use	None.
1840-1867	William Caldwell	Assumed residential and agricultural use	Residential use	None.
1867-1874	John Caldwell	Assumed residential and agricultural use	Residential use	None.
1874-1878	John Clark	Assumed residential and agricultural use	Residential use	None.
1878-1881	Robert Clark	Assumed residential and agricultural use	Residential use	None.
1881-1905	William Henry Clark	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1905-1919	Milford C. Moffatt	Assumed residential and agricultural use	Residential use	None.
1919-1922	Norman W. Harper	Assumed residential and agricultural use	Residential use	None.
1922-1932	John T. Snell	Assumed residential and agricultural use	Residential use	None.
1932-1962	John C. Snell	Assumed residential and agricultural use	Residential use	Based on a review of the 1960 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land.
1962-1965	Millie A. Snell	Assumed residential and agricultural use	Residential use	None.
1965-1965	Manfred Kraus	Assumed residential and agricultural use	Residential use	None.
1965-2014	Alfio Mancuso & Anna Mancuso	Assumed residential and agricultural use	Residential use	Based on a review of the 1976, 2004, 2009 and 2013 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land.
2014-2014	Nutrimart Corp.	Assumed residential and agricultural use	Residential use	None.
2014-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP	Assumed residential and agricultural use	Residential use	Based on a review of the 2015 and 2016 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
PIN 14349-0377 (LT) – Central Portion of Phase One Property; 12490 Coleraine Drive				
Pre-1840	Crown	Assumed agricultural use	Agricultural or other use	None.
1840-1867	William Caldwell	Assumed residential and agricultural use	Residential use	None.
1867-1874	John Caldwell	Assumed residential and agricultural use	Residential use	None.
1874-1878	John Clark	Assumed residential and agricultural use	Residential use	None.
1878-1881	Robert Clark	Assumed residential and agricultural use	Residential use	None.
1881-1905	William Henry Clark	Assumed residential and agricultural use	Residential use	None.
1905-1919	Milford C. Moffatt	Assumed residential and agricultural use	Residential use	None.
1919-1922	Norman W. Harper	Assumed residential and agricultural use	Residential use	None.
1922-1932	John T. Snell	Assumed residential and agricultural use	Residential use	None.
1932-1960	John C. Snell	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1960-1962	Alfred J. Snell	Assumed residential and agricultural use	Residential use	Based on a review of the 1960 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
1962-1965	Millie A. Snell	Assumed residential and agricultural use	Residential use	None.
1965-1965	Manfred Kraus	Assumed residential and agricultural use	Residential use	None.
1965-1968	Norman J. Bolton & Judith E. Bolton	Assumed residential and agricultural use	Residential use	None.
1968-2005	Edward Trella & Elizabeth Trella	Assumed residential and agricultural use	Residential use	Based on a review of the 1976 and 2004 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
2005-2014	Sarno Holdings Corp.	Assumed residential and agricultural use	Residential use	Based on a review of the 2009 and 2013 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
2014-present	Boltcol Holdings North Inc. and Boltcol Holdings North LP	Assumed residential and agricultural use	Residential use	Based on a review of the 2015 and 2016 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land. The associated residential buildings were no longer apparent in the 2015 and 2016 aerial photographs.
PIN 14349-0384 (LT) – Southeast Portion of Phase One Property; 12300 Coleraine Drive				
Pre-1850	Crown	Assumed agricultural use	Agricultural or other use	None.
1850-1890	Hugh McCort	Assumed residential and agricultural use	Residential use	None.
1890-1908	Andrew McCort	Assumed residential and agricultural use	Residential use	None.
1908-1909	Alexander McCort	Assumed residential and agricultural use	Residential use	None.
1909-1919	Thomas Wilson, Jr.	Assumed residential and agricultural use	Residential use	None.
1919-1965	Peter R. Kenny	Assumed residential and agricultural use	Residential use	Based on a review of the 1960 aerial photograph, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
1965-1967	Allan Kenny	Assumed residential and agricultural use	Residential use	None.

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Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1967-1968	P. & M. Construction Limited	Assumed residential and agricultural use	Residential use	None.
1968-2004	Praetor Enterprises Limited	Assumed residential and agricultural use	Residential use	Based on a review of the 1976 and 2004 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
2004-2005	Praetor Holdings Inc.	Assumed residential and agricultural use	Residential use	None.
2005-2014	Nutristock Corp.	Assumed residential and agricultural use	Residential use	Based on a review of the 2009 and 2013 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings.
2014-present	Boltcol Holdings South Inc. and Boltcol Holdings South LP.	Assumed residential and agricultural use	Residential use	Based on a review of the 2015 and 2016 aerial photographs, this portion of the Phase One Property appeared to consist of agricultural land and associated residential buildings. These buildings were not present during the Site reconnaissance and, according to the Site Representative, were demolished in late-2016.

To the best of Pinchin's knowledge, the Phase One Property was developed with residential buildings as early as 1840. In summary, the Phase One Property was owned by various individuals from as early as

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1840. Although the Phase One Property was purchased by various corporations between 1965 and 2016, aerial photographs dated between 1960 and 2016 indicated that the Phase One Property remained utilized for agricultural purposes and developed with associated residential buildings until 2016. The Site Representative indicated that all remaining structures on the Phase One Property were demolished in late-2016, but that the Phase One Property has remained utilized for agricultural purposes.

It is Pinchin's opinion that the date of the first developed use of the Phase One Property is 1840, with the construction of residential buildings on the Phase One Property. The date of the first developed use of the Phase One Property was determined through a review of aerial photographs, previous reports, a city directory search and a title search, which was filed for the property to its earliest time of ownership and possible development. No other historical records were available to Pinchin that provided information for determining the date of first developed use of the Phase One Property.

7.2 Potentially Contaminating Activities

The following PCAs as defined by O. Reg. 153/04 were documented by Pinchin to have occurred at the Phase One Property:

- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks:
  - PCA #1: According to the 2008 SEL Phase I ESA Report (Southeast Portion of Site), an AST was located within the basement of the former residential building on the southwest portion of the Phase One Property (i.e., 12300 Coleraine Drive);
  - PCA #2: According to the 2008 SEL Phase I ESA Report (Southeast Portion of Site), two empty ASTs were located adjacent to a barn formerly located on the southwest portion of the Phase One Property (i.e., 12300 Coleraine Drive); and
- Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications:
  - PCA #3: Based on a review of aerial photographs, observations made during the Site reconnaissance and on information provided by the Site Representative, the majority of the Phase One Property is and has historically been utilized for agricultural purposes.

The following PCAs as defined by O. Reg. 153/04 were documented by Pinchin to have occurred within the Phase One Study Area outside of the Phase One Property that may have resulted in environmental impacts at the Phase One Property:

- Item 11 – Commercial Trucking and Container Terminals:
  - PCA #4: DB Schenker, located approximately 85 m northeast of the Phase One Property at 12315 Coleraine Drive;

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- PCA #5: Autolinx Express Inc., located approximately 190 m north-northwest of the Phase One Property at 12673 Coleraine Drive; and
- PCA #6: GT Bolton Inc., located approximately 185 m east of the Phase One Property at 12155 Coleraine Drive.

- Item 34 – Metal Fabrication:
  - PCA #7: Kingspan, located approximately 65 m northeast of the Phase One Property at 12557 Coleraine Drive.
- Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications:
  - PCA #8: Agricultural operations located immediately west of the Phase One Property;
  - PCA #9: Agricultural operations located immediately southwest of the Phase One Property;
  - PCA #10: Agricultural operations located immediately southeast of the Phase One Property;
  - PCA #11: Agricultural operations located approximately 90 m east-southeast of the Phase One Property, along the northeast side of Coleraine Drive;
  - PCA #12: Agricultural operations located approximately 230 m east-southeast of the Phase One Property, at 8224 Mayfield Road; and
  - PCA #13: Agricultural operations located approximately 25 m northeast of the Phase One Property, along the northeast side of Coleraine Drive.

The above-noted PCAs located on other properties within the Phase One Study Area are not considered to represent an environmental concern for the Phase One Property due to the distance from the Phase One Property, the soil type at the Phase One Property (i.e., clayey silt) and/or the downgradient/ transgradient location of the PCAs relative to the Phase One Property.

7.3 Areas of Potential Environmental Concern

The following table summarizes all APECs identified during the Phase One ESA, as well as their respective PCAs, contaminants of potential concern (COPCs) and the media which could potentially be impacted:

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Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC #1 (Former AST Within Basement of Residential Building at 12300 Coleraine Drive Likely Containing Fuel Oil)	Southwest Portion of Phase One Property	Item 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs	Soil
APEC #2 (Two Former ASTs Adjacent to Former Barn at 12300 Coleraine Drive Likely Containing Fuel Oil and/or Diesel)	Southwest Portion of Phase One Property	Item 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs	Soil
APEC #3 (Historical and Ongoing Agricultural Operations)	Majority of Phase One Property	Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	OC Pesticides PCBs	Soil

Notes:

BTEX – benzene, toluene, ethylbenzene and total xylenes
PHCs – petroleum hydrocarbon fractions F1-F4
PAHs – polycyclic aromatic hydrocarbons
OC – organochlorine
PCBs – polychlorinated biphenyls
NA – not applicable

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The off-site PCAs relating to the inferred agricultural operations and associated pesticide use, metal fabrication operations and commercial trucking and container terminal operations are unlikely to result in subsurface impacts at the Phase One Property given the presence of low permeability subsurface soils in the area and the low mobility of COPCs in soil associated with these PCAs.

The rationale used by the QP in assessing the available information to determine whether PCAs exist or have existed within the Phase One Study Area, including the Phase One Property, that represent an APEC at the Phase One Property has been provided in the preceding report sections. In general, the potential for environmental impacts to the Phase One Property was evaluated using a combined probability for a source to contaminate, and the ability of contaminants to migrate on, or to the Phase One Property. For example, a gasoline UST located on the Phase One Property, or on a property in close proximity and/or upgradient of the Phase One Property, would exhibit a high potential for contamination (and is therefore considered a PCA resulting in an APEC at the Phase One Property) since gasoline is highly mobile in the subsurface. In contrast, shallow soil/fill with metals impacts located on a property adjacent to the Phase One Property would be considered to have a low potential for contamination given that metals generally have low mobility in the subsurface (and would not be considered a PCA and not an APEC at the Phase One Property). Furthermore, non-adjacent properties with PCAs located downgradient of the Phase One Property generally do not result in APECs at the Phase One Property. Groundwater is the media through which contaminants typically migrate from property to property, and if the source of the contaminant is downgradient of the Phase One Property, contaminated groundwater from this source cannot migrate to the Phase One Property and the downgradient PCA would not be considered an APEC at the Phase One Property.

As noted in the summary table above, the Phase One ESA completed by Pinchin identified a total of three APECs at the Phase One Property. All of the APECs are related to on-Site PCAs, namely former ASTs located within the southwest portion of the Phase One Property (i.e., in the basement of a historical residential building and on the Site exterior adjacent to a historical barn, both of which were located at 12300 Coleraine Drive), and the historical and ongoing use of the majority of the Phase One Property for agricultural purposes.

The COPCs listed above in the summary table are APEC-specific and were determined based on several sources of information, including but not limited to, Pinchin's experience with environmental contamination and hazardous substances, common industry standards for analysis of such contaminants and point sources, literature reviews of COPCs and associated hazardous substances, and an evaluation by Pinchin of the mobility and susceptibility for migration of the COPCs in the subsurface.

The evaluation of the presence/absence of APECs at the Phase One Property was based upon the analysis of available documents, records and drawings, and personal interviews. In evaluating the Phase One Property and Phase One Study Area, Pinchin has relied in good faith on information provided by

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other individuals or sources as noted in this report. Pinchin has assumed that the information provided is factual and accurate, and has no reason to believe that any of the information provided in the available documentation or obtained through interviews is not factual or inaccurate.

Pinchin is not aware of any additional information that would alter the conclusions regarding the presence/absence of APECs at the Phase One Property.

As described in the preceding sections, the historical information available for review for the Phase One ESA was limited. No FIPs, PURs or PUPs were available for the Phase One Property or Phase One Study Area, and only two aerial photographs that covered the Phase One Property and Phase One Study Area from 1960 and 1976 could be obtained. Based on the Site reconnaissance and the available documentation, the Phase One Property was utilized for agricultural purposes and developed with associated residential buildings between 1840 and 1850. As such, it is Pinchin's opinion that the lack of available historical records does not alter the conclusions of this report.

7.4 Phase One Conceptual Site Model

A conceptual site model (CSM) has been created to provide a summary of the findings of the Phase One ESA. The Phase One CSM is summarized in Figures 1 through 5, which illustrate the following features within the Phase One Study Area, where present:

- Existing buildings and structures;
- Water bodies located in whole or in part within the Phase One Study Area;
- Areas of natural significance located in whole or in part within the Phase One Study Area;
- Drinking water wells located at the Phase One Property;
- Land use of adjacent properties;
- Roads within the Phase One Study Area;
- PCAs within the Phase One Study Area, including the locations of tanks; and
- APECs at the Phase One Property.

The following provides a narrative summary of the Phase One CSM:

- The Phase One Property is an irregularly-shaped parcel of land approximately 218.4 acres (0.85 hectares) in size located on the southwest side of Coleraine Drive, approximately 605 m northwest of Mayfield Road in the Town of Caledon. The Phase One Property consists of undeveloped land, the majority of which is utilized for agricultural purposes. The Phase One Property has been utilized for agricultural purposes since approximately 1840. There is no record of industrial use or of a commercial use (e.g., garage, bulk liquid dispensing facility or dry cleaner) that would

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require classifying the Phase One Property as an enhanced investigation property;

- Water bodies located within the Phase One Study Area consisted of a three tributaries of the West Humber River, which traverse the Phase One Property and extend northwest, northeast, southeast and southwest of the Phase One Property;
- No areas of natural significance were identified within the Phase One Study Area;
- No drinking water wells were located on the Phase One Property; however, according to the Site Representative and the 2008 SEL Phase I ESA Report (Southeast Portion of Site), potable water was historically provided to the former residential buildings at the Phase One Property by designated potable supply wells. It is unclear if these wells are still present at the Phase One Property. Evidence of these supply wells was not observed during the Site reconnaissance. Additionally, eight groundwater monitoring wells and two clusters of three or more groundwater monitoring wells were observed throughout the Phase One Property during the Site reconnaissance. These wells appeared to have been installed as part of the 2104 exp Geotechnical Investigation activities. It is noted that one of the standalone groundwater monitoring wells appeared to have been damaged. Pinchin recommends repairing or decommissioning this monitoring well in accordance with O. Reg. 903/90;
- Coleraine Drive and residential buildings are located immediately northeast of the Phase One Property and followed by various residential, commercial/industrial and agricultural properties. The adjacent property northwest of the Phase One Property is currently undergoing development, and the properties situated immediately southwest and southeast of the Phase One Property consist of agricultural land;
- A total of thirteen PCAs were identified within the Phase One Study Area, consisting of three PCAs at the Phase One Property and ten PCAs within the Phase One study, outside of the Phase One Property. As shown on Figure 4, the off-Site PCAs consist of agricultural land, metal fabrication operations and commercial trucking and shipping operations. Groundwater flow within the Phase One Study Area is interpreted to be to the southwest and soil at the Phase One Property is anticipated to consist of clayey silt. Given the soil type at the Phase One Property, the distances between these properties and the Phase One Property, and the inferred direction of groundwater flow, all off-Site PCAs are not considered to result in APECs at the Phase One Property. All PCAs identified on the Phase One Property represent APECs at the Phase One Property. Figure 5 provides a detailed summary of the APECs and associated PCAs and COPCs;
- Underground utilities at the Phase One Property consist of an underground electrical line within the north corner of the Site, which services the on-Site construction trailer. The Site Representative indicated that the former residential buildings on-Site may have been

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provided with underground utility services, but was unable to elaborate on which types of utilities and where they entered the Phase One Property. It is unclear whether these utilities remain present at the Phase One Property. Plans were not available to confirm the depths of the underground electrical line but it is estimated to be located approximately 2 to 3 mbgs;

- The Phase One Property and the surrounding properties located within glacial deposits consisting of silty clay to clayey silt. Bedrock is expected to consist of shale, limestone, dolostone and/or siltstone of the Georgian Bay Formation, Blue Mountain Formation, Billings Formation, Collingwood Member and/or Eastview member. During previous on-Site environmental investigations, the soil stratigraphy was observed to consist of clayey silt till; and
- The Phase One Property consists of gently rolling hills. The area surrounding the Phase One Property slopes gradually downwards towards the southeast. Local groundwater flow is inferred to be to the southwest, based on the topography of the area surrounding the Phase One Property and the location of the tributaries of the West Humber River on the Phase One Property and within the Phase One Study Area.

There were no deviations from the Phase One ESA requirements specified in O. Reg. 153/04 or absence of information that have resulted in uncertainty that would affect the validity of the Phase One CSM.

8.0 CONCLUSIONS

Pinchin conducted this Phase One ESA in accordance with Part VII and Schedule D of O. Reg. 153/04. The purpose of the Phase One ESA was to assess the potential presence of environmental impacts at the Phase One Property due to activities at and near the Phase One Property in support of filing an RSC in accordance with O. Reg. 153/04.

Based on the findings of this Phase One ESA, Pinchin identified three PCAs at the Phase One Property (i.e., on-Site) and ten PCAs within the Phase One Study Area outside of the Phase One Property (i.e., off-Site). The off-Site PCAs are not considered to result in APECs at the Phase One Property given their distance from the Phase One Property, the soil type in the Phase One Study Area (i.e., silty clay) and/or their downgradient or transgradient location with respect to the inferred groundwater flow direction at the Phase One Property. The three on-Site PCAs represent a total of three APECs at the Phase One Property. It is Pinchin's opinion that these three PCAs may have resulted in contamination of soil at the Phase One Property and, as such, represent APECs at the Phase One Property that warrant further investigation prior to the submittal of an RSC.

Pinchin recommends that a Phase Two ESA be conducted at the Phase One Property as an "assessment of property conducted in accordance with the regulations by or under the supervision of a qualified person

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to determine the location and concentration of one or more contaminants in the land or water on, in or under the property". Pinchin concludes that one or more contaminants originating from PCAs located on the Phase One Property may have affected land or water on, in, or under the Phase One Property. Therefore, Pinchin recommends that a Phase Two ESA be conducted prior to filing an RSC for the Phase One Property.

It should be noted that the references and sources for the information used in evaluating the Phase One Property are provided in the relevant sections of this report. Furthermore, specific references are also summarized in Section 9.0.

8.1 Signatures

This Phase One ESA was undertaken under the supervision of Francesco Gagliardi, C.E.T., LET, QP_{ESA} in accordance with the requirements of O. Reg. 153/04 to support the filing of an RSC for the Phase One Property. The conclusions and recommendations provided in this report represent the best judgement of the assessor based on the Site conditions observed on August 25, 2017, and a review of available historical information and information obtained from interviews.

This report has been issued without having received responses to requests for information from the MOECC or Technical Standards and Safety Authority. Pinchin reserves the right to amend our conclusions and recommendations based on information obtained from the regulatory agency.

We trust that the information provided in this report meets your current requirements.

8.2 Terms and Limitations

This Phase One ESA was performed in order to identify potential issues of environmental concern associated with the property located at 12300, 12400, 12490 and 12592 Coleraine Drive in Caledon, Ontario (Site), at the time of the Site reconnaissance. This Phase One ESA was performed in general compliance with currently acceptable practices for environmental site investigations, and specific Client requests, as applicable to this Site. This report was prepared for the exclusive use of Triovest Realty Advisors Inc. (Client) subject to the terms, conditions and limitations contained within the duly authorized proposal for this project. 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 parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted.

If additional parties require reliance on this report, written authorization from Pinchin will be required. Such reliance will only be provided by Pinchin following written authorization from the Client. Pinchin disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs. No other warranties are implied or expressed. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law.

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The information provided in this report is based upon analysis of available documents, records and drawings, and personal interviews. In evaluating the Site, Pinchin has relied in good faith on information provided by other individuals noted in this report. Pinchin has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information provided by the current owner/occupant. Pinchin accepts 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 contained in reports that were reviewed. The scope of work for this Phase One ESA did not include a visual or intrusive investigation for designated substances (e.g., asbestos, mould, PCB-containing electrical equipment, etc.) and, therefore, these materials may be present at the Site.

Pinchin makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and these interpretations may change over time.

Ontario Regulation 153/04 does not apply to environmental auditing or environmental management systems. Therefore, with respect to Site operations and conditions, compliance with applicable federal, provincial or municipal acts, regulations, laws and/or statutes was not evaluated as part of the Phase One ESA.

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9.0 REFERENCES

The following documents, persons or organizations provided information used in this report:

- "*Phase I Environmental Site Assessment, Proposed Residential Development, West of Coleraine Drive and North of Mayfield Road, Town of Caledon (Bolton)*" prepared by Soil Engineering Ltd. for Solmar Development Corp. on behalf of Nutristock Corp., dated May 13, 2008.
- "*Phase I Environmental Site Assessment, Proposed Mixed Use Development, Part of Lot 2 Concession 5, 12300 Coleraine Drive, Town of Bolton*" prepared by Soil Engineering Ltd. for Solmar Development Corp. on behalf of Nutristock Corp., dated August 20, 2008.
- "*Geotechnical Investigation, Proposed Commercial/Industrial Complex, Coleraine Drive, Bolton, Ontario*" prepared by exp Services Inc. for Triovest Realty Advisors Inc., dated July 22, 2014.
- Intera Technologies Inc. *Inventory of Coal Gasification Plant Waste Sites in Ontario.* April 1987.
- Intera Technologies Inc. *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*. November 1988.
- Province of Ontario. Environmental Protection Act R.S.O. 1990, c. E.19 and Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act. Last amended by Ontario Regulation 312/17 on July 28, 2017.

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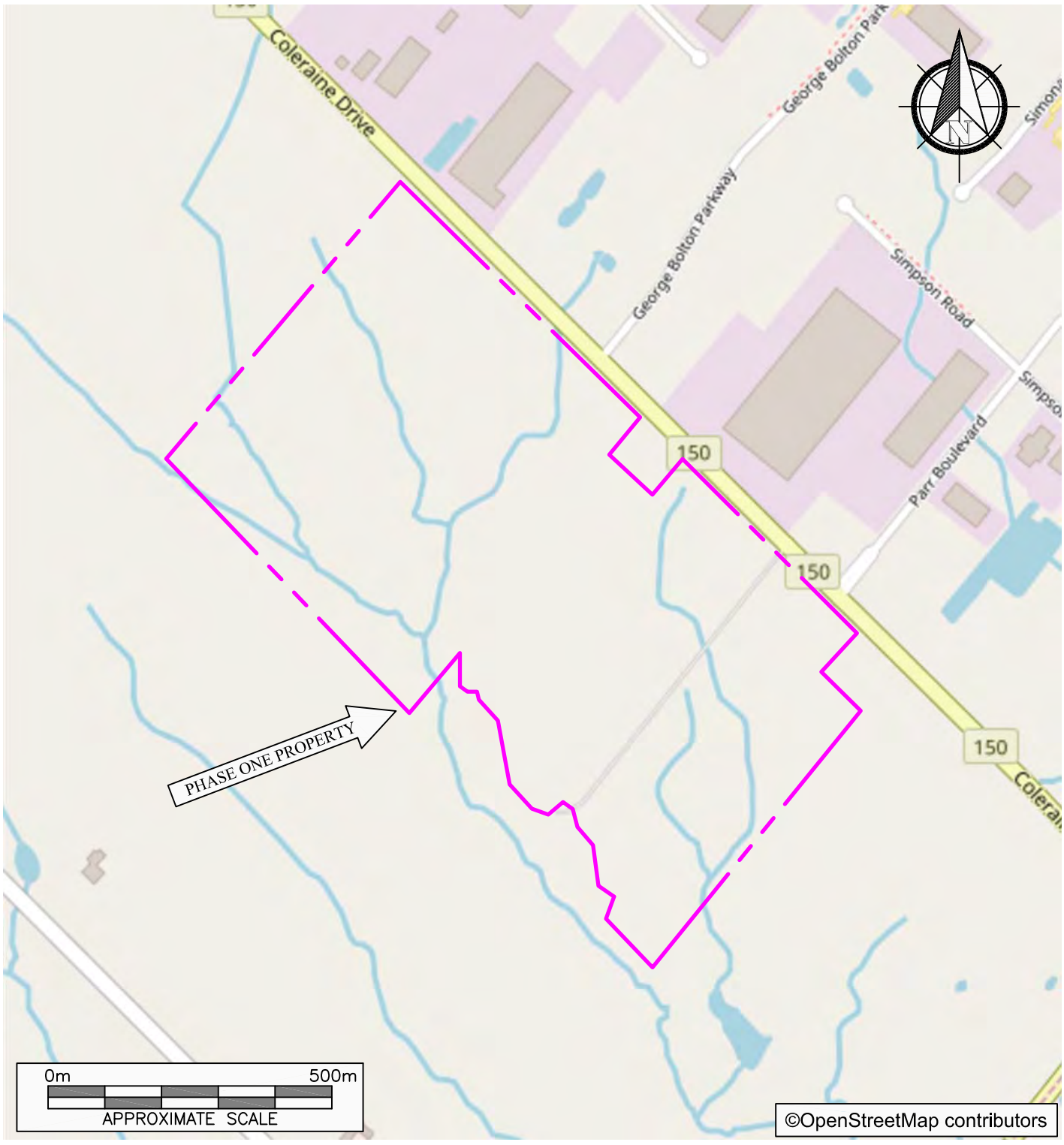
10.0 APPENDICES

APPENDIX A
Figures



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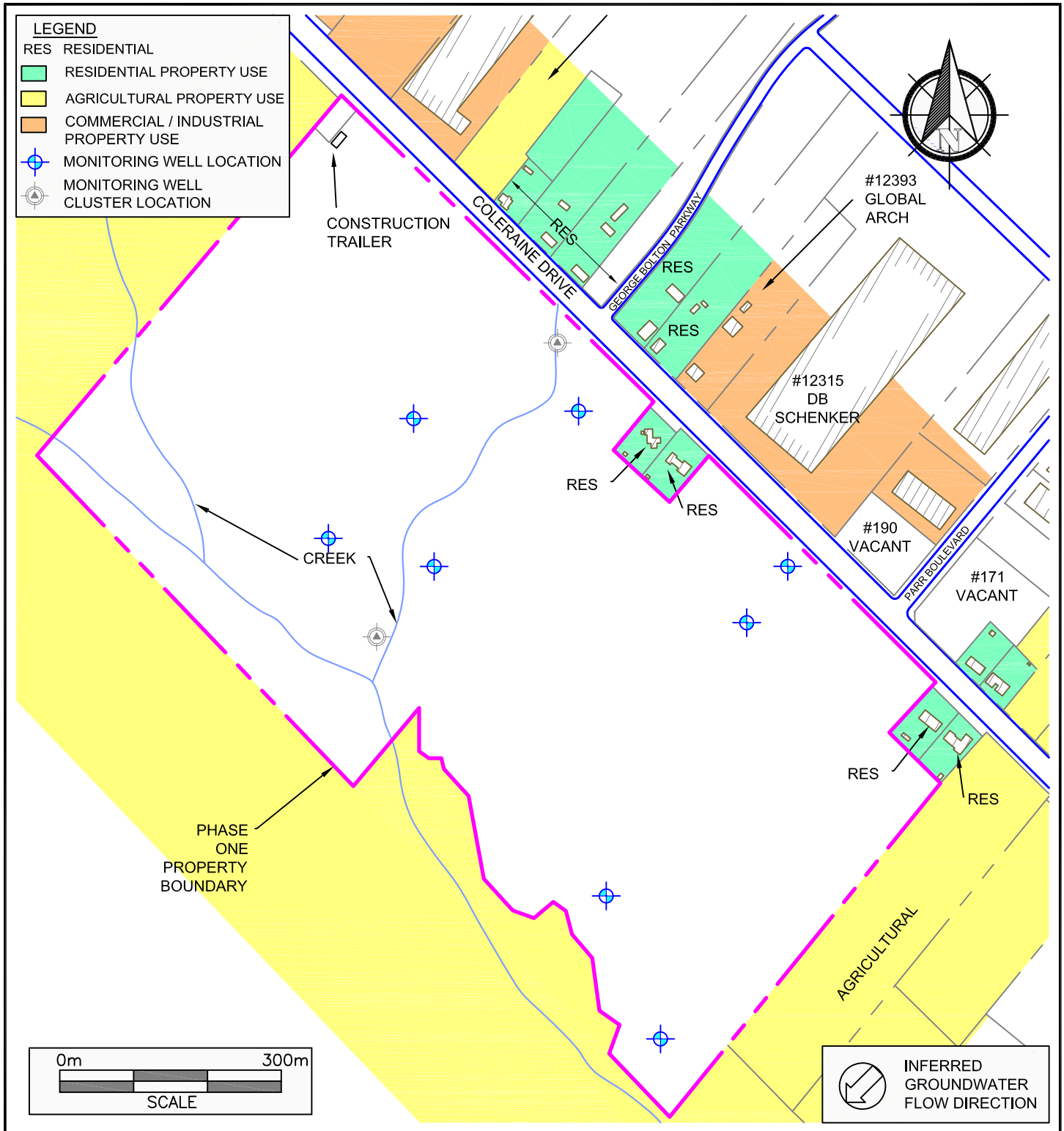
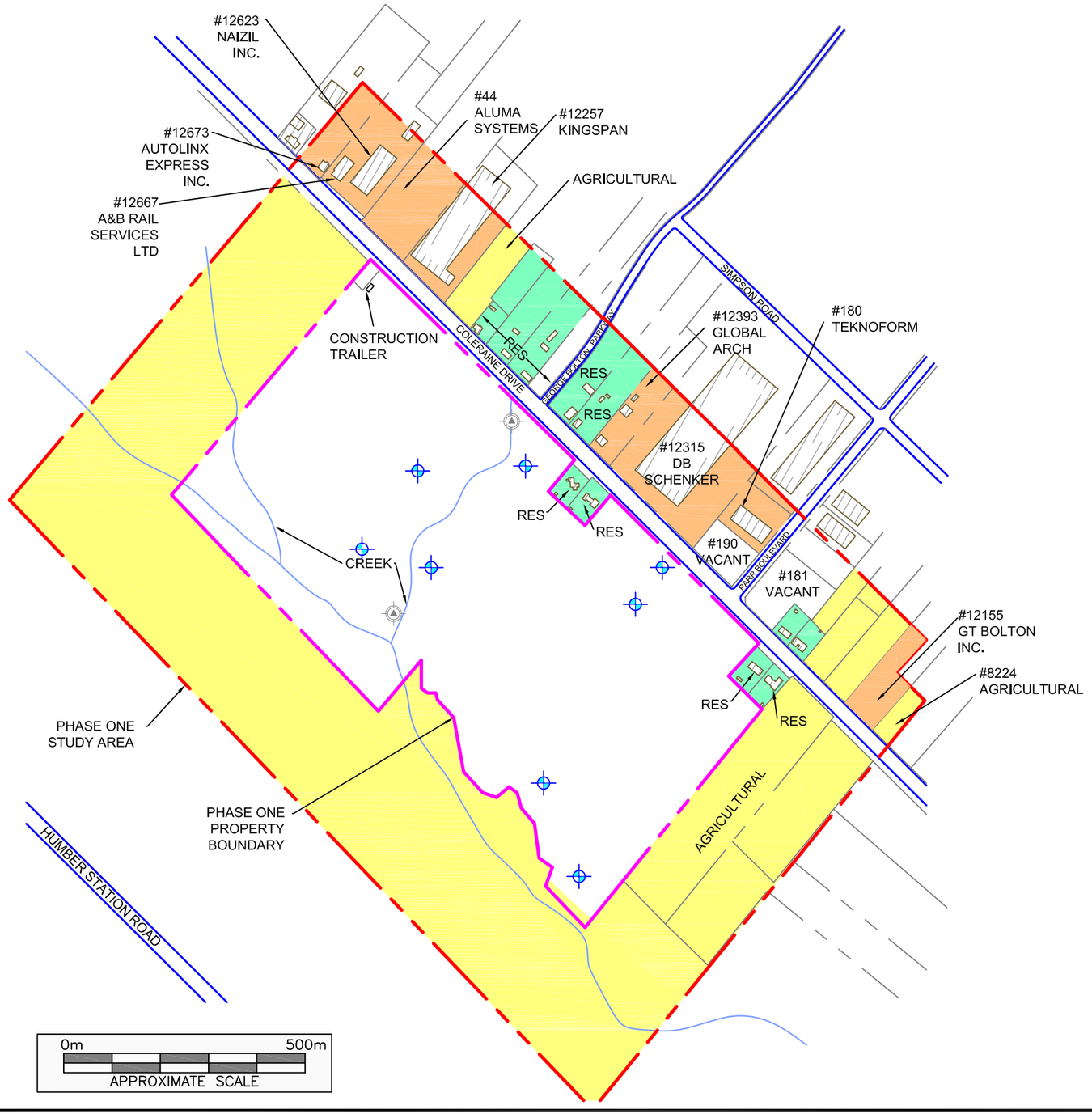
PROJECT NAME: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME: TRIOVEST REALTY ADVISORS INC.			
PROJECT LOCATION: 12300, 12400, 2490 AND 12592 COLERAINE DRIVE, CALEDON, ONTARIO			
FIGURE NAME: KEY MAP			FIGURE NO.: 1
SCALE: AS SHOWN	PROJECT NO.: 210701	DATE: OCT. 2017	



PINCHIN

PROJECT NAME: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME: TRIOVEST REALTY ADVISORS INC.			
PROJECT LOCATION: 12300, 12400, 2490 AND 12592 COLERAINE DRIVE, CALEDON, ONTARIO			
FIGURE NAME: PHASE ONE PROPERTY			FIGURE NO.: 2
SCALE: AS SHOWN	PROJECT NO.: 210701	DATE: OCT. 2017	



INFERRED GROUNDWATER FLOW DIRECTION

N

LEGEND

- RESIDENTIAL PROPERTY USE
- AGRICULTURAL PROPERTY USE
- COMMERCIAL / INDUSTRIAL PROPERTY USE
- RES RESIDENTIAL
- PHASE ONE STUDY AREA BOUNDARY
- MONITORING WELL LOCATION
- MONITORING WELL CLUSTER LOCATION

PINCHIN

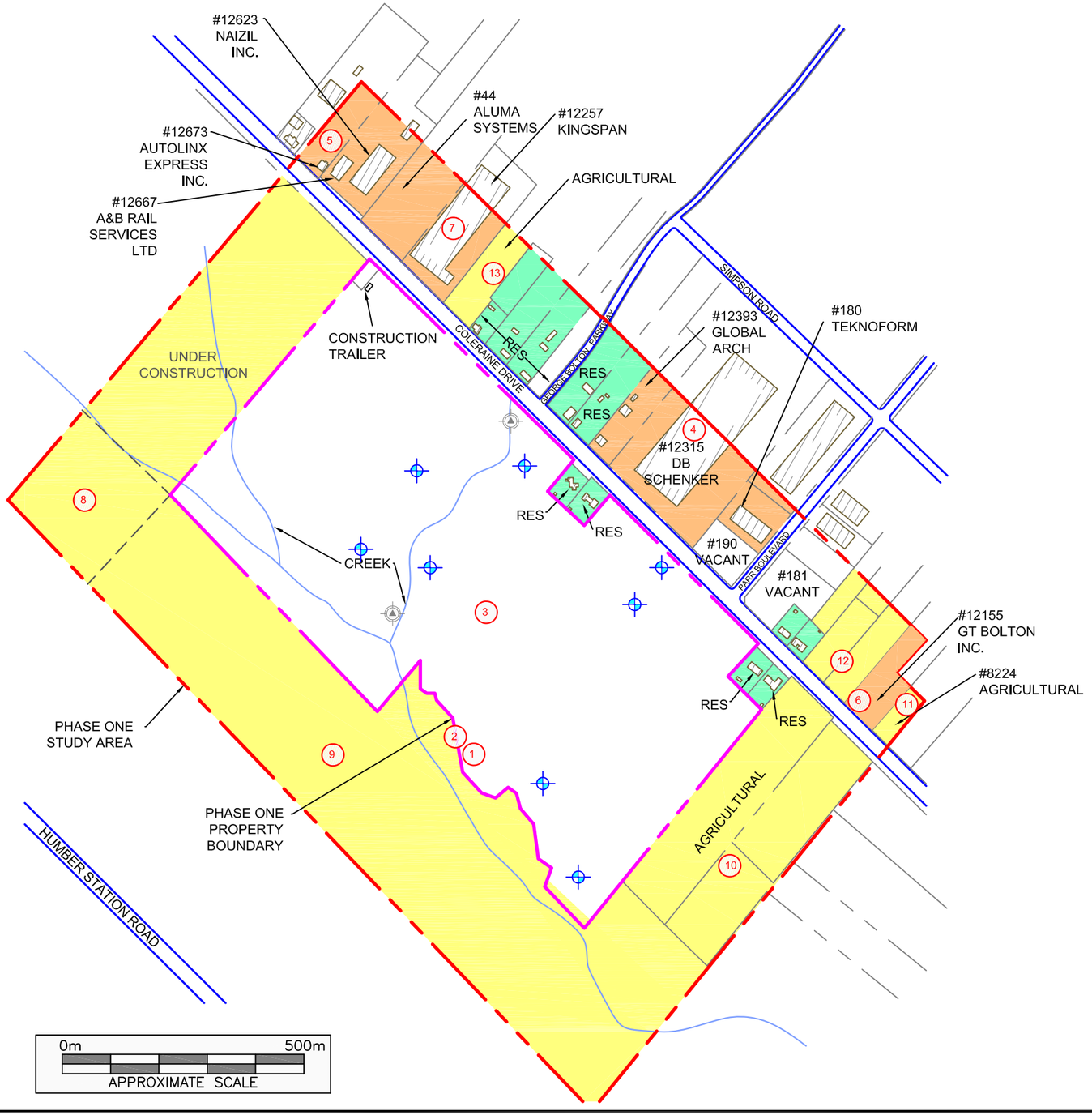
PROJECT NAME
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME
TRIOVEST REALTY ADVISORS INC.

PROJECT LOCATION
12300, 12400, 2490 AND 12592 COLERAINE DRIVE, CALEDON, ONTARIO

FIGURE NAME
PHASE ONE STUDY AREA

SCALE	PROJECT NO.
AS SHOWN	210701
DATE	FIGURE NO.
OCT. 2017	3



INFERRED GROUNDWATER FLOW DIRECTION

N

LEGEND

- RESIDENTIAL PROPERTY USE
- AGRICULTURAL PROPERTY USE
- COMMERCIAL / INDUSTRIAL PROPERTY USE
- RES RESIDENTIAL
- PHASE ONE STUDY AREA BOUNDARY
- MONITORING WELL LOCATION
- MONITORING WELL CLUSTER LOCATION
- # PCA LOCATION

PINCHIN

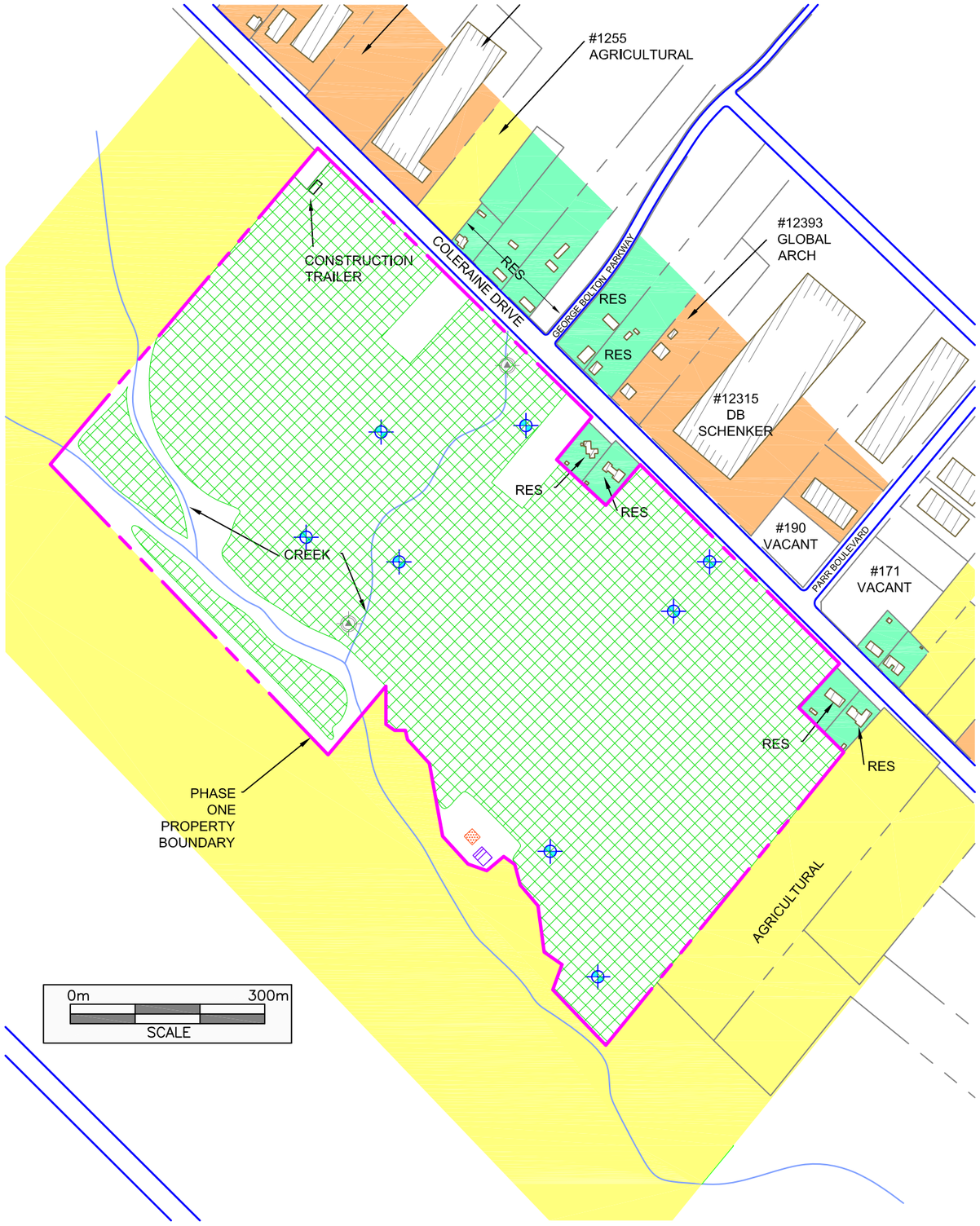
PROJECT NAME
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME
TRIOVEST REALTY ADVISORS INC.

PROJECT LOCATION
12300, 12400, 2490 AND 12592 COLERAINE DRIVE, CALEDON, ONTARIO

FIGURE NAME
POTENTIALLY CONTAMINATING ACTIVITIES

SCALE	PROJECT NO.
AS SHOWN	210701
DATE	FIGURE NO.
OCT. 2017	4



Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC #1 (Former AST Within Basement of Residential Building at 12300 Coleraine Drive Likely Containing Fuel Oil)	Southwest Portion of Phase One Property	Item 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs	Soil
APEC #2 (Two Former ASTs Adjacent to Former Barn at 12300 Coleraine Drive Likely Containing Fuel Oil and/or Diesel)	Southwest Portion of Phase One Property	Item 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PAHs	Soil
APEC #3 (Historical and Ongoing Agricultural Operations)	Majority of Phase One Property	Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	OC Pesticides PCBs	Soil

INFERRED GROUNDWATER FLOW DIRECTION

N

LEGEND

- RESIDENTIAL PROPERTY USE
- AGRICULTURAL PROPERTY USE
- COMMERCIAL / INDUSTRIAL PROPERTY USE
- RES RESIDENTIAL
- PHASE ONE STUDY AREA BOUNDARY
- MONITORING WELL LOCATION
- MONITORING WELL CLUSTER LOCATION
- APEC 1
- APEC 2
- APEC 3

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PROJECT NAME
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME
TRIOVEST REALTY ADVISORS INC.

PROJECT LOCATION
12300, 12400, 2490 AND 12592 COLERAINE DRIVE, CALEDON, ONTARIO

FIGURE NAME
AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

SCALE	PROJECT NO.
AS SHOWN	210701
DATE	FIGURE NO.
OCT. 2017	5

APPENDIX B

Photographs

Photo 1 – Representative overview of the Phase One Property, looking north-northwest.

Photo 2 – Representative view of agricultural plants on the Phase One Property, looking west.

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Photo 3 – Construction trailer observed on the north portion of the Phase One Property, looking southeast.

Photo 4 – Stockpiles of apparent native topsoil observed on the northwest portion of the Phase One Property, looking southwest.

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Photo 5 – Apparent access road on the northwest portion of the Phase One Property, looking northeast.

Photo 6 – Representative view of groundwater monitoring well observed on the Phase One Property, looking west.

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Photo 7 – Representative view of monitoring well clusters observed on the Phase One Property, looking east.

Photo 8 – View of damaged monitoring well observed on the central poriton of the Phase One Property, looking south.

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Photo 9 – View of approximate location of former buildings on the southwest portion of the Phase One Property at 12300 Coleraine Drive, looking northwest.

Photo 10 – View of approximate location of former buildings on the northeast portion of the Phase One Property at 12400 Coleraine Drive, looking northeast.

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Photo 11 – View of approximate location of former buildings on the north portion of the Phase One Property at 12490 Coleraine Drive, looking northeast.

Photo 12 – View of approximate location of former buildings on the northeast portion of the Phase One Property at 12592 Coleraine Drive, looking north.

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Photo 13 – Adjacent property located northwest of the Phase One Property, looking northwest.

Photo 14 – Adjacent properties located northeast of the Phase One Property, looking north.

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THE PINCHIN GROUP

Photo 15 – Adjacent property located southeast of the Phase One Property (i.e., PCA #10), looking southwest.

Photo 16 – Adjacent property located southwest of the Phase One Property (i.e., PCA #9), looking northeast.

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Photo 17 – View of PCA #4 (i.e., DB Schenker), located at 12315 Coleraine Drive, looking north.

Photo 18 – View of PCA #5 (i.e., Autolinx Express Inc.), located at 12673 Coleraine Drive, looking northeast.

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THE PINCHIN GROUP

Photo 19 – View of PCA #7 (i.e., Kingspan), located at 12257 Coleraine Drive, looking west.

Photo 20 – View of PCA #12 (i.e., agricultural land approximately 90 m east-southeast of the Phase One Property), looking northeast.

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APPENDIX C

Survey Plan

METRIC

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

OVERSIZE 1 OF 1 SHEETS

PLAN OF TOPOGRAPHICAL SURVEY OF

PART OF LOTS 2 AND 3 CONCESSION 5

(GEOGRAPHIC TOWNSHIP OF ALBION, COUNTY OF PEEL)

TOWN OF CALEDON

REGIONAL MUNICIPALITY OF PEEL

SCALE 1 : 500

10m 0 10 20 30m

NOTES

BEARINGS SHOWN HEREON ARE UTM GRID, ZONE 17, NAD83(CSRS) (2010) AND ARE DERIVED FROM THE OBSERVED REFERENCE POINTS OCP1 AND OCP2 BY REAL TIME NETWORK AND STATIC OBSERVATIONS.

DISTANCES SHOWN ON THIS PLAN ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.99969786.

CONTROL MONUMENTS SHOWN HAVE BEEN TIED TO THIS SURVEY TO THE URBAN ACCURACY PER SEC. 14(2) OF ONTARIO REGULATION 216/10.

COORDINATES SHOWN CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.

LEGEND

P1	PLAN 43R-34797
P2	PLAN 43R-33653
P3	PLAN 43R-31841
P4	PLAN 43R-31560
P5	PLAN 43R-30557
P6	PLAN 43R-30527
P7	PLAN 43R-31829
P8	PLAN 43R-29893
P9	PLAN 43R-32040
P10	PLAN 43R-33864
P11	PLAN 43R-32039
M	MEASURED
PROP	PROPORTIONED
IT	IRON TUBE
HB	BENT HELD BASE
OU	ORIGIN UNKNOWN
JDB	J.D. BARNES LIMITED
RPE	RADY-PENTEK & EDWARD SURVEYING LTD
927	J.R. SNEATH, O.L.S.
819	R.H. McBAIN, O.L.S.
1139	R.A. SILVERA, O.L.S.
1113	R. STEPHENSON, O.L.S.
1184	E. BIASION, O.L.S.
1370	KRCMAR SURVEYORS LTD
1312	J. STEL, O.L.S.
1606	L. BIASION, O.L.S.
Y&Y	YOUNG & YOUNG SURVEYING INC
1493	J.F.G. YOUNG, O.L.S.
▤	CATCH BASIN
✳	CONIFEROUS TREE
❄	DECIDUOUS TREE
⊏⊐	FIRE HYDRANT
■	FOUND SURVEY MONUMENT
⬡	HANDWELL
¤	LIGHT STANDARD
⊕	MANHOLE
⊖	UTILITY POLE
⊠	PEDESTAL
-o-	SIGN
-•-	TV ANTENNA
Ⓖ	GAS VALVE / METER
⊕	MONITORING WELL
(	CULVERT
●	WATER VALVE/KEY
C/L	GUY WIRE
-OH-	OVERHEAD WIRES

BENCH MARK

ELEVATIONS ARE DERIVED FROM BENCH MARK No. 10519980009 OBTAINED FROM THE MINISTRY OF NATURAL RESOURCES COSINE INTERNET SITE HAVING AN ELEVATION OF 217.968 METRES.

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

1. 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.
2. THE SURVEY WAS COMPLETED ON THE 17th DAY OF JUNE, 2014.

JUNE 19, 2014.
DATE:

J. NANFARA
ONTARIO LAND SURVEYOR

ASSOCIATION OF ONTARIO LAND SURVEYORS
PLAN SUBMISSION FORM
1892298

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nanfara & ng surveyors inc
PROFESSIONAL LAND SURVEYORS
#1 ASHBRIDGE CIRCLE, UNIT 9 WOODBRIDGE, ONTARIO, L4L 3R5
TEL:905.856.5923 FAX:905.856.7092 nnsurveyors@gmail.com

CHECKED BY:	DRAWN BY:	REV. DATE:	W.O.	REV.
JN	MRD	2014/06/19	20140576T1	A

APPENDIX D

Opta Records

opta
INFORMATION INTELLIGENCE

enviroscan

An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

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

Report Completed By:

Stephanie

Site Address:

12300 Coleraine Dr Caledon ON

Project No:

20170822092

Opta Order ID:

39857

Requested by:

Eleanor Goolab
ERIS

Date Completed:

8/29/2017 7:37:07 AM

Project Name: unknown

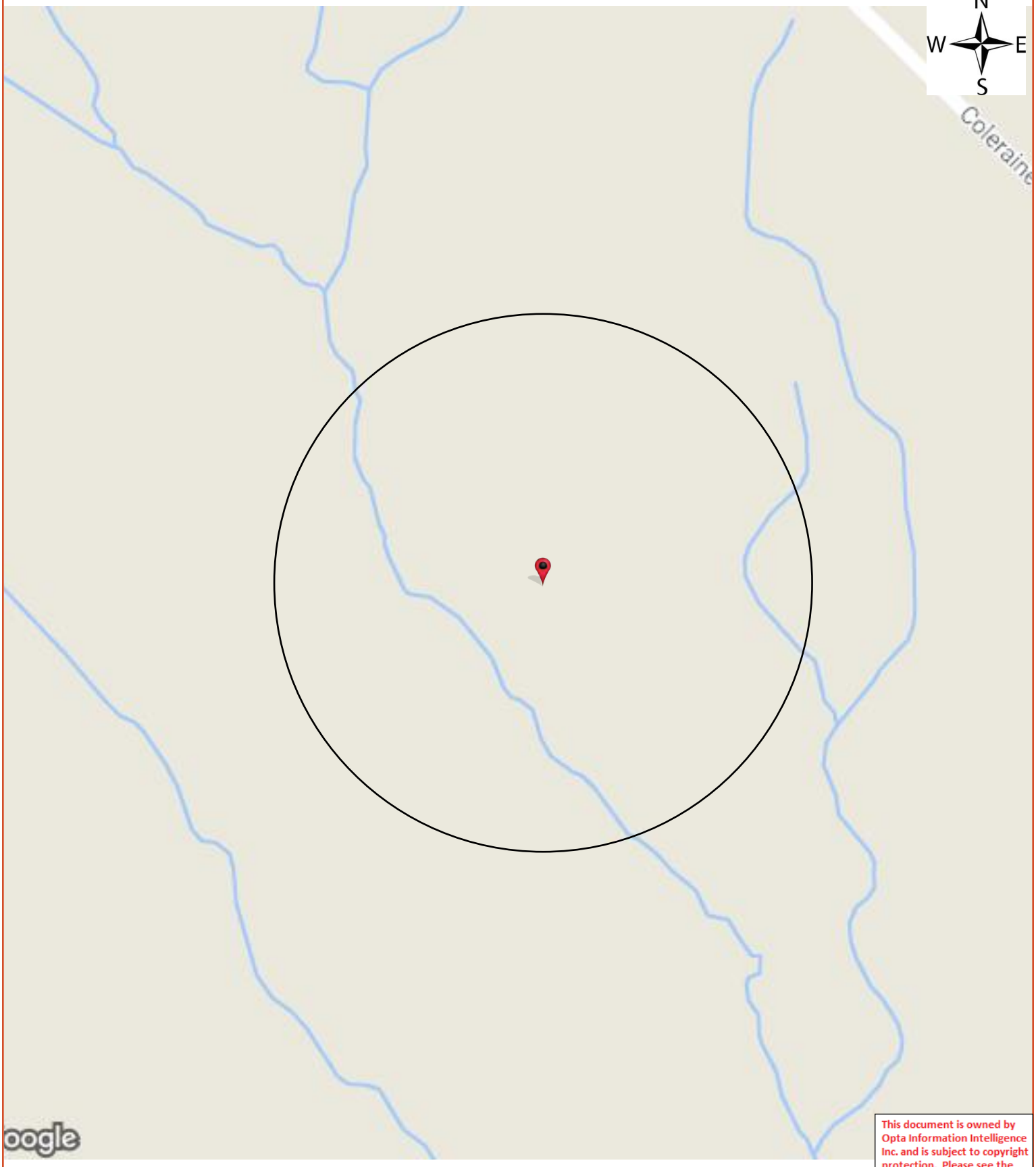
Project #: 20170822092
P.O. #: 210701

ENVIROSCAN Report

Search Area: 12300 Coleraine Dr Caledon ON

Requested by:
Eleanor Goolab
Date Completed: 08/29/2017 07:37:07

enviroscan
OPTA INFORMATION INTELLIGENCE



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Entire Agreement

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

Governing Document

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

Law

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

APPENDIX E

Chain of Title Search Results

CHAIN OF TITLE REPORT

Project # 20170822092
Address: 12300 Coleraine Drive, Caldeon
Legal Description: Part Lot 2 Con 5 Albion Desig Parts 1 & 2 Plan 43R-33412

PIN# 14349-0384 (LT)

Searched at: Brampton
LRO #: 43

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	29 11 1850	Crown	Hugh McCORT
4342	Will	11 02 1890	Hugh McCort - Estate	Andrew McCORT
9157	Deed	18 01 1908	Andrew McCort	Alexander McCORT
9360	Deed	03 03 1909	Alexander McCort	Thomas WILSON, Jr.
11820	Deed	17 04 1919	Thomas Wilson, Jr.	Peter R. KENNY
22126	Deed	20 08 1965	Peter R. Kenny - Estate	Allan KENNY
61427vs	Deed	27 12 1967	Allan Kenny	P. & M. Construction Limited
65683vs	Deed	15 02 1968	P. & M. Construction Limited	Praetor Enterprises Limited

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project #	20170822092	**Searched at:**	Brampton	
Address:	12300 Coleraine Drive, Caldeon	**LRO #:**	43	Page 2
Legal Description:	Part Lot 2 Con 5 Albion Desig Parts 1 & 2 Plan 43R-33412			
PIN#	14349-0384 (LT)			

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
PR686754	Name Change	29 07 2004	Praetor Enterprises Limited	Praetor Holdings Inc.
PR825269	Deed	30 03 2005	Praetor Holdings Inc.	Nutristock Corp.
PR2506185	Deed **(Present Owners)**	04 03 2014	Nutristock Corp.	**Boltcol Holdings South Inc.** **Boltcol Holdings South LP.**

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

PROPERTY DESCRIPTION: PTLT 2 CON 5 ALBION DES PTS 1, 2 PL 43R-33412; SUBJECT TO AN EASEMENT AS IN PR1156794; TOWN OF CALEDON

PROPERTY REMARKS: FOR THE PURPOSE OF THE QUALIFIER THE DATE OF REGISTRATION OF ABSOLUTE TITLE IS 2007 07 05.

ESTATE/QUALIFIER:
FEE SIMPLE
LT ABSOLUTE PLUS

RECENTLY:
DIVISION FROM 14349-0368

PIN CREATION DATE:
2011/06/06

OWNERS' NAMES | CAPACITY | SHARE
BOLTCOL HOLDINGS SOUTH INC. | GPAR
BOLTCOL HOLDINGS SOUTH LP. | FIRM

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2011/06/06 **						
**SUBJECT TO SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPHS 3 AND 14 AND *						
** PROVINCIAL SUCCESSION DUTIES AND EXCEPT PARAGRAPH 11 AND ESCHEATS OR FORFEITURE **						
** TO THE CROWN UP TO THE DATE OF REGISTRATION WITH AN ABSOLUTE TITLE. **						
PR825269	2005/03/30	TRANSFER		*** DELETED AGAINST THIS PROPERTY *** PRAETOR HOLDINGS INC.	NUTRISTOCK CORP.	
	REMARKS: PLANNING ACT STATEMENTS					
43R31599	2007/07/05	PLAN REFERENCE				C
PR1629619	2009/04/23	CHARGE		*** DELETED AGAINST THIS PROPERTY *** NUTRISTOCK CORP. SOCCAVO HOLDINGS CORP.	CAMERON STEPHENS FINANCIAL CORPORATION	
PR1629657	2009/04/23	CHARGE		*** DELETED AGAINST THIS PROPERTY *** SOCCAVO HOLDINGS CORP. NUTRISTOCK CORP.	CAMERON STEPHENS FINACIAL CORPORATION	
PR1629658	2009/04/23	NO ASSGN RENT GEN		*** DELETED AGAINST THIS PROPERTY *** SOCCAVO HOLDINGS CORP. NUTRISTOCK CORP.	CAMERON STEPHENS FINANCIAL CORPORATION	
	REMARKS: PR1629657					
PR1753985	2009/12/18	CHARGE		*** DELETED AGAINST THIS PROPERTY *** NUTRISTOCK CORP.	CAMERON STEPHENS FINANCIAL CORPORATION	
PR1753986	2009/12/18	NO ASSGN RENT GEN		*** DELETED AGAINST THIS PROPERTY *** NUTRISTOCK CORP.	CAMERON STEPHENS FINANCIAL CORPORATION	
	REMARKS: PR1753985					

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
43R33412	2010/07/14	PLAN REFERENCE	$70			C
43R33653	2010/11/26	PLAN REFERENCE	$70			C
PR2031889	2011/07/04	CHARGE		*** COMPLETELY DELETED *** NUTRISTOCK CORP. SARNO HOLDINGS CORP.	CAMERON STEPHENS FINANCIAL CORPORATION	
PR2318313	2013/01/08	CHARGE		*** COMPLETELY DELETED *** SARNO HOLDINGS CORP. NUTRISTOCK CORP.	CAMERON STEPHENS FINANCIAL CORPORATION	
PR2334843	2013/02/19	DISCH OF CHARGE		*** COMPLETELY DELETED *** CAMERON STEPHENS FINANCIAL CORPORATION		
	REMARKS: PR2031889.					
PR2494265	2014/01/31	NOTICE		*** COMPLETELY DELETED *** SARNO HOLDINGS CORP. NUTRISTOCK CORP.	CAMERON STEPHENS FINANCIAL CORPORATION	
	REMARKS: PR2318313					
PR2494283	2014/01/31	NOTICE		*** COMPLETELY DELETED *** SARNO HOLDINGS CORP. NUTRISTOCK CORP.	CAMERON STEPHENS FINANCIAL CORPORATION	
	REMARKS: PR1629619					
PR2506055	2014/03/03	DISCH OF CHARGE		*** COMPLETELY DELETED *** CAMERON STEPHENS FINANCIAL CORPORATION		
	REMARKS: PR1629619.					
PR2506056	2014/03/03	DISCH OF CHARGE		*** COMPLETELY DELETED *** CAMERON STEPHENS FINACIAL CORPORATION		
	REMARKS: PR1629657.					
PR2506057	2014/03/03	DISCH OF CHARGE		*** COMPLETELY DELETED *** CAMERON STEPHENS FINANCIAL CORPORATION		
	REMARKS: PR1753985.					
PR2506058	2014/03/03	DISCH OF CHARGE		*** COMPLETELY DELETED *** CAMERON STEPHENS FINANCIAL CORPORATION		
	REMARKS: PR2318313.					
PR2506185	2014/03/04	TRANSFER	$27,405,600	NUTRISTOCK CORP.	BOLTCOL HOLDINGS SOUTH INC.	C

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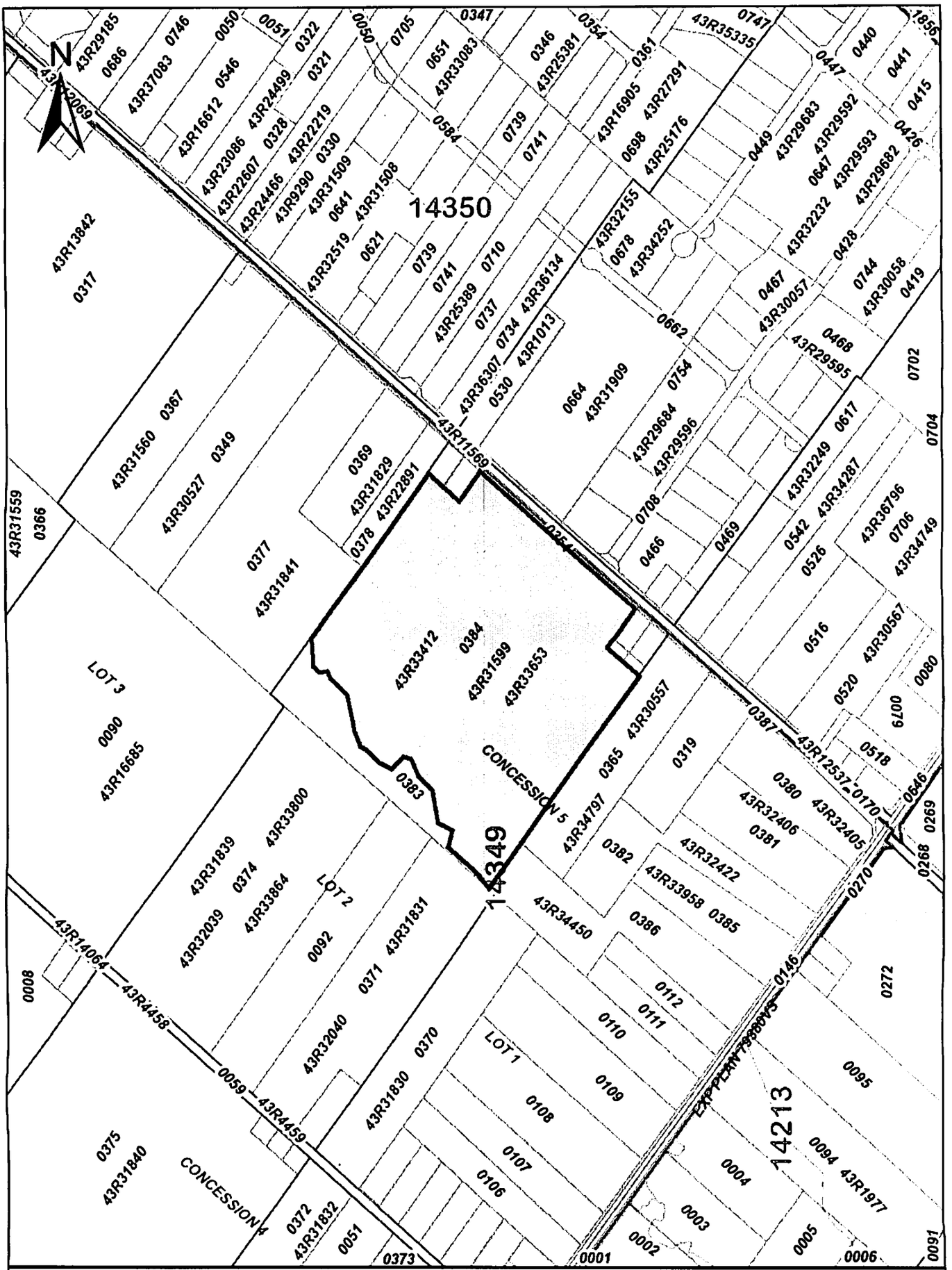
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
					BOLTCOL HOLDINGS SOUTH LP.	
	REMARKS: PLANNING ACT STATEMENTS.					
PR2507355	2014/03/06	CHARGE PARTNERSHIP	$12,000,000	BOLTCOL HOLDINGS SOUTH INC. BOLTCOL HOLDINGS SOUTH LP.	NUTRISTOCK CORP.	C
PR2526847	2014/04/28	TRANSFER OF CHARGE		NUTRISTOCK CORP.	BANK OF MONTREAL	C
	REMARKS: PR2507355.					
PR2665874	2015/01/28	TRANSFER OF CHARGE		BANK OF MONTREAL	NUTRISTOCK CORP.	C
	REMARKS: PR2507355					
PR2665905	2015/01/28	TRANSFER OF CHARGE		NUTRISTOCK CORP.	CAMERON STEPHENS FINANCIAL CORPORATION	C
	REMARKS: PR2507355					
PR3106066	2017/04/05	TRANSFER OF CHARGE		CAMERON STEPHENS FINANCIAL CORPORATION	NUTRISTOCK CORP.	C
	REMARKS: PR2507355					
PR3106067	2017/04/05	TRANSFER OF CHARGE		NUTRISTOCK CORP.	CAMERON STEPHENS FINANCIAL CORPORATION	C
	REMARKS: PR2507355					

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



ServiceOntario

PRINTED ON 25 AUG, 2017 AT 09:32:15
FOR D.B.

SCALE
0 100 200 300 400 500 Meters

LEGEND

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

NOTES

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

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

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

PROPERTY INDEX MAP

PEEL(No. 43)

THIS IS NOT A PLAN OF SURVEY

Ontario

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APPENDIX F

EcoLog ERIS Report

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*unknown* *12300 Coleraine Dr* *Caledon ON L7E3A9*
Project No:	*210701*
Report Type:	*RSC Report (Rural)*
Order No:	*20170822092*
Requested by:	*Pinchin Ltd*
Date Completed:	*August 30, 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: *unknown*
12300 Coleraine Dr Caledon ON L7E3A9

Project No: *210701*

Coordinates:

Latitude:	*43.844456*
Longitude:	*-79.71946*
UTM Northing:	*4,855,394.01*
UTM Easting:	*602,934.38*
UTM Zone:	*UTM Zone 17T*

Elevation: *754 FT*
229.86 M

Order Information:

Order No: *20170822092*
Date Requested: *August 22, 2017*
Requested by: *Pinchin Ltd*
Report Type: *RSC Report (Rural)*

Historical/Products:

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

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.30 km	Total
AAGR	***Abandoned Aggregate Inventory***	*Y*	*0*	*0*	*0*
AGR	***Aggregate Inventory***	*Y*	*0*	*0*	*0*
AMIS	***Abandoned Mine Information System***	*Y*	*0*	*0*	*0*
ANDR	***Anderson's Waste Disposal Sites***	*Y*	*0*	*0*	*0*
AUWR	***Automobile Wrecking & Supplies***	*Y*	*0*	*0*	*0*
BORE	***Borehole***	*Y*	*0*	*2*	*2*
CA	***Certificates of Approval***	*Y*	*0*	*2*	*2*
CFOT	***Commercial Fuel Oil Tanks***	*Y*	*0*	*0*	*0*
CHEM	***Chemical Register***	*Y*	*0*	*0*	*0*
CNG	***Compressed Natural Gas Stations***	*Y*	*0*	*0*	*0*
COAL	***Inventory of Coal Gasification Plants and Coal Tar Sites***	*Y*	*0*	*0*	*0*
CONV	***Compliance and Convictions***	*Y*	*0*	*0*	*0*
CPU	***Certificates of Property Use***	*Y*	*0*	*0*	*0*
DRL	***Drill Hole Database***	*Y*	*0*	*0*	*0*
EASR	***Environmental Activity and Sector Registry***	*Y*	*0*	*1*	*1*
EBR	***Environmental Registry***	*Y*	*0*	*4*	*4*
ECA	***Environmental Compliance Approval***	*Y*	*0*	*4*	*4*
EEM	***Environmental Effects Monitoring***	*Y*	*0*	*0*	*0*
EHS	***ERIS Historical Searches***	*Y*	*1*	*8*	*9*
EIIS	***Environmental Issues Inventory System***	*Y*	*0*	*0*	*0*
EMHE	***Emergency Management Historical Event***	*Y*	*0*	*0*	*0*
EXP	***List of TSSA Expired Facilities***	*Y*	*0*	*0*	*0*
FCON	***Federal Convictions***	*Y*	*0*	*0*	*0*
FCS	***Contaminated Sites on Federal Land***	*Y*	*0*	*0*	*0*
FOFT	***Fisheries & Oceans Fuel Tanks***	*Y*	*0*	*0*	*0*
FST	***Fuel Storage Tank***	*Y*	*0*	*0*	*0*
FSTH	***Fuel Storage Tank - Historic***	*Y*	*0*	*0*	*0*
GEN	***Ontario Regulation 347 Waste Generators Summary***	*Y*	*0*	*29*	*29*
GHG	***Greenhouse Gas Emissions from Large Facilities***	*Y*	*0*	*0*	*0*
HINC	***TSSA Historic Incidents***	*Y*	*0*	*0*	*0*
IAFT	***Indian & Northern Affairs Fuel Tanks***	*Y*	*0*	*0*	*0*
INC	***TSSA Incidents***	*Y*	*0*	*0*	*0*
LIMO	***Landfill Inventory Management Ontario***	*Y*	*0*	*0*	*0*
MINE	***Canadian Mine Locations***	*Y*	*0*	*0*	*0*
MNR	***Mineral Occurrences***	*Y*	*0*	*0*	*0*
NATE	***National Analysis of Trends in Emergencies System (NATES)***	*Y*	*0*	*0*	*0*

Database	Name	Searched	Project Property	Within 0.30 km	Total
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	3	3
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	17	14	31
	Total:		18	68	86

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		BOLTON ON	-/0.0	-0.55	20
2	WWIS		BOLTON ON	-/0.0	5.00	22
3	WWIS		lot 3 con 5 BOLTON ON	-/0.0	0.00	23
4	WWIS		lot 3 con 5 ON	-/0.0	6.26	25
5	WWIS		BOLTON ON	-/0.0	5.59	27
6	WWIS		BOLTON ON	-/0.0	2.14	29
7	WWIS		ON	-/0.0	5.00	31
8	EHS		Parr Boulevard And Colarine Drive Caledon ON	-/0.0	0.99	32
9	WWIS		BOLTON ON	-/0.0	4.47	33
10	WWIS		lot 3 con 5 BOLTON ON	-/0.0	1.00	35
11	WWIS		lot 3 con 5 ON	-/0.0	7.71	37
12	WWIS		BOLTON ON	-/0.0	6.34	39
13	WWIS		lot 3 con 6 ON	-/0.0	9.19	41
14	WWIS		BOLTON ON	-/0.0	2.96	43
15	WWIS		BOLTON ON	-/0.0	5.00	45
16	WWIS		BOLTON ON	-/0.0	2.00	47
17	WWIS		BOLTON ON	-/0.0	11.00	49

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
18	WWIS		lot 3 con 5 ON	-/0.0	11.00	51

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
19	CA	GWL Realty Advisors Inc.	12315 Coleraine Dr Bolton Vaughan ON	E/15.6	7.00	53
20	WWIS		lot 2 con 5 ON	ESE/25.3	6.00	53
21	SPL	UNKNOWN	12592 COLERAINE DR, DITCH IN FRONT OF, BOLTON CALEDON TOWN ON	NNW/27.3	11.00	55
22	EHS		12315 Coleraine Dr Bolton ON	ENE/37.4	8.00	55
23	EBR	Kingspan Insulated Panels Ltd.	12557 Coleraine Dr Caledon ON L7E 3B5	N/41.4	10.00	55
23	ECA	Kingspan Insulated Panels Ltd.	12557 Coleraine Dr Caledon ON	N/41.4	10.00	56
23	EHS		12557 Coleraine Drive Caledon ON	N/41.4	10.00	56
23	GEN	Kingspan Insulated Panels Limited	12557 Coleraine Drive Caledon ON L7E 3B5	N/41.4	10.00	56
23	GEN	Kingspan Insulated Panels Limited	12557 Coleraine Drive Caledon ON L7E 3B5	N/41.4	10.00	57
24	WWIS		CALEDON ON	WNW/49.8	1.94	57
25	BORE		ON	E/52.2	7.00	60
26	WWIS		lot 2 con 6 ON	NNE/56.6	9.99	60
27	WWIS		lot 3 con 6 ON	NNE/57.6	7.93	63
28	WWIS		lot 3 con 6 ON	N/58.7	10.00	65
29	WWIS		lot 3 con 6 ON	NNE/59.7	7.93	67
30	EHS		12315 Coleraine Drive Bolton ON L7E 3B4	ENE/61.9	8.00	70
31	WWIS		ON	NNW/66.0	11.00	70
32	WWIS		lot 3 con 6 ON	NE/66.3	9.73	71
33	GEN	Kingspan Insulated Panels	12557 Coleraine Drive Caledon ON L7E 3B5	N/75.8	10.00	73
33	GEN	Kingspan Insulated Panels	12557 Coleraine Drive Caledon ON L7E 3B5	N/75.8	10.00	74
34	ECA	GWL Realty Advisors Inc.	12315 Coleraine Dr Bolton Vaughan ON L5B 3C2	ENE/76.9	8.00	75
34	EHS		12315 Coleraine Drive Bolton, Caledon ON L7E 3B4	ENE/76.9	8.00	75
34	EHS		12315 Coleraine Dr Caledon ON L7E3B4	ENE/76.9	8.00	75

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
34	GEN	MENASHA PACKAGING CANADA L.P.	12315 COLERAINE DRIVE BOLTON ON L7E 3B4	ENE/76.9	8.00	75
34	GEN	MENASHA PACKAGING CANADA L.P.	12315 COLERAINE DRIVE BOLTON ON L7E 3B4	ENE/76.9	8.00	76
34	GEN	MENASHA PACKAGING CANADA L.P.	12315 COLERAINE DRIVE BOLTON ON L7E 3B4	ENE/76.9	8.00	76
35	WWIS		lot 2 con 6 ON	NE/91.5	9.05	76
36	WWIS		lot 2 con 6 ON	ESE/101.5	5.00	78
37	WWIS		lot 3 con 5 CALEDON ON	NNW/125.5	10.00	80
38	EASR	TEKNAFORM INC.	180 PARR BLVD BOLTON ON L7E 4E6	ENE/151.9	7.00	83
39	EBR	Teknaform Inc.	180 Parr Boulevard Caledon Regional Municipality of Peel TOWN OF CALEDON ON	ENE/154.0	7.00	83
40	EHS		Part Lot 2 Con 6 Bolton ON	SE/158.4	1.00	84
41	GEN	Road & Rail Equipment Technologies	12623 Coleraine Dr Bolton ON L7E 3B5	NNW/163.5	11.00	84
41	GEN	Road & Rail Equipment Technologies	12623 Coleraine Dr Bolton ON L7E 3B5	NNW/163.5	11.00	84
42	CA		12667 Coleraine Dr., Lot 4, Con. 6 Caledon ON	NNW/177.6	11.00	85
42	EBR	Naizil Inc.	Lot:4 Concession:6 Caledon ON	NNW/177.6	11.00	85
42	EBR	Naizil Inc.	12667 Coleraine Dr. Caledon ON	NNW/177.6	11.00	85
42	ECA	Naizil Inc.	Bolton Caledon ON	NNW/177.6	11.00	86
42	GEN	NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 3B5	NNW/177.6	11.00	86
42	GEN	NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 3B5	NNW/177.6	11.00	86
42	GEN	NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 5R9	NNW/177.6	11.00	87
42	GEN	NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 3B5	NNW/177.6	11.00	87
42	GEN	NAIZIL COATED FABRICS	12667 COLEAINE DRIVE BOLTON ON L7E 5T2	NNW/177.6	11.00	88
42	SCT	Naizil Inc.	12667 Coleraine Dr Bolton ON L7E 3B5	NNW/177.6	11.00	88
42	SCT	Naizil Inc.	12667 Colerine Dr Bolton ON L7E 5R9	NNW/177.6	11.00	89
43	ECA	Naizil Inc.	12667 Coleraine Dr., Lot 4, Con. 6 Caledon ON L7E 1H3	NNW/195.9	11.00	89
43	GEN	NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 3B5	NNW/195.9	11.00	89
43	GEN	NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 3B5	NNW/195.9	11.00	90
43	GEN	NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 3B5	NNW/195.9	11.00	90

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
43	GEN	NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 3B5	NNW/195.9	11.00	91
43	GEN	NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON	NNW/195.9	11.00	92
43	GEN	NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 5R9	NNW/195.9	11.00	92
44	WWIS		BOLTON ON	NNW/209.7	11.00	93
45	SCT	FSI Culvert Inc.	Bolton ON	NNW/231.7	11.00	95
46	BORE		ON	NNW/236.6	11.00	95
47	EHS		44 Simpson Road Bolton ON	N/259.1	11.00	95
48	GEN	4-Way Metal Fabricators Ltd	161 Parr Blvd Bolton ON L7E 2Z8	E/271.5	5.00	96
48	GEN	4-Way Metal Fabricators Ltd	161 Parr Blvd Bolton ON L7E 2Z8	E/271.5	5.00	96
48	GEN	4-Way Metal Fabricators Ltd	161 Parr Blvd Bolton ON L7E 2Z8	E/271.5	5.00	96
48	GEN	4-Way Metal Fabricators Ltd	161 Parr Blvd Bolton ON L7E 2Z8	E/271.5	5.00	96
48	GEN	4-Way Metal Fabricators Ltd	161 Parr Blvd Bolton ON	E/271.5	5.00	97
48	GEN	4-Way Metal Fabricators Ltd	161 Parr Blvd Bolton ON	E/271.5	5.00	97
49	EHS		12557 Coleraine Drive Caledon ON	N/278.1	10.06	97
50	WWIS		lot 4 con 6 Caledon ON	NNW/279.8	10.82	97
51	WWIS		BOLTON ON	NNW/282.9	12.00	99
52	GEN	Quantum Limousine Service Inc	12691 Coleraine Drve Bolton ON L7E 3B5	NNW/295.1	11.00	101
52	GEN	Quantum Limousine Service Inc	12691 Coleraine Drve Bolton ON	NNW/295.1	11.00	102
52	GEN	Quantum Limousine Service Inc	12691 Coleraine Drve Bolton ON	NNW/295.1	11.00	102

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 2 BORE site(s) within approximately 0.30 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	E	52.20	25
	ON	NNW	236.56	46

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.30 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
GWL Realty Advisors Inc.	12315 Coleraine Dr Bolton Vaughan ON	E	15.61	19
	12667 Coleraine Dr., Lot 4, Con. 6 Caledon ON	NNW	177.55	42

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Mar 2017 has found that there are 1 EASR site(s) within approximately 0.30 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
TEKNAFORM INC.	180 PARR BLVD BOLTON ON L7E 4E6	ENE	151.90	38

EBR - Environmental Registry

A search of the EBR database, dated 1994-Jul 2017 has found that there are 4 EBR site(s) within approximately 0.30 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Kingspan Insulated Panels Ltd.	12557 Coleraine Dr Caledon ON L7E 3B5	N	41.45	23
Teknaform Inc.	180 Parr Boulevard Caledon Regional Municipality of Peel TOWN OF CALEDON ON	ENE	154.04	39
Naizil Inc.	12667 Coleraine Dr. Caledon ON	NNW	177.55	42

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Naizil Inc.	Lot:4 Concession:6 Caledon ON	NNW	177.55	42

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Mar 2017 has found that there are 4 ECA site(s) within approximately 0.30 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Kingspan Insulated Panels Ltd.	12557 Coleraine Dr Caledon ON	N	41.45	23
GWL Realty Advisors Inc.	12315 Coleraine Dr Bolton Vaughan ON L5B 3C2	ENE	76.94	34
Naizil Inc.	Bolton Caledon ON	NNW	177.55	42
Naizil Inc.	12667 Coleraine Dr., Lot 4, Con. 6 Caledon ON L7E 1H3	NNW	195.87	43

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 9 EHS site(s) within approximately 0.30 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Parr Boulevard And Colarine Drive Caledon ON	-	0.00	8
	12315 Coleraine Dr Bolton ON	ENE	37.38	22
	12557 Coleraine Drive Caledon ON	N	41.45	23
	12315 Coleraine Drive Bolton ON L7E 3B4	ENE	61.86	30
	12315 Coleraine Drive Bolton, Caledon ON L7E 3B4	ENE	76.94	34
	12315 Coleraine Dr Caledon ON L7E3B4	ENE	76.94	34
	Part Lot 2 Con 6 Bolton ON	SE	158.45	40
	44 Simpson Road Bolton ON	N	259.11	47
	12557 Coleraine Drive Caledon ON	N	278.09	49

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jun 2017 has found that there are 29 GEN site(s) within approximately 0.30 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Kingspan Insulated Panels Limited	12557 Coleraine Drive Caledon ON L7E 3B5	N	41.45	23
Kingspan Insulated Panels Limited	12557 Coleraine Drive Caledon ON L7E 3B5	N	41.45	23
Kingspan Insulated Panels	12557 Coleraine Drive Caledon ON L7E 3B5	N	75.81	33
Kingspan Insulated Panels	12557 Coleraine Drive Caledon ON L7E 3B5	N	75.81	33
MENASHA PACKAGING CANADA L.P.	12315 COLERAINE DRIVE BOLTON ON L7E 3B4	ENE	76.94	34
MENASHA PACKAGING CANADA L.P.	12315 COLERAINE DRIVE BOLTON ON L7E 3B4	ENE	76.94	34
MENASHA PACKAGING CANADA L.P.	12315 COLERAINE DRIVE BOLTON ON L7E 3B4	ENE	76.94	34
Road & Rail Equipment Technologies	12623 Coleraine Dr Bolton ON L7E 3B5	NNW	163.52	41
Road & Rail Equipment Technologies	12623 Coleraine Dr Bolton ON L7E 3B5	NNW	163.52	41
NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 3B5	NNW	177.55	42
NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 3B5	NNW	177.55	42
NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 5R9	NNW	177.55	42
NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 3B5	NNW	177.55	42
NAIZIL COATED FABRICS	12667 COLEAINE DRIVE BOLTON ON L7E 5T2	NNW	177.55	42
NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 5R9	NNW	195.87	43
NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON	NNW	195.87	43
NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 3B5	NNW	195.87	43
NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 3B5	NNW	195.87	43
NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 3B5	NNW	195.87	43
NAIZIL INC.	12667 COLERAINE DRIVE BOLTON ON L7E 3B5	NNW	195.87	43
4-Way Metal Fabricators Ltd	161 Parr Blvd Bolton ON	E	271.53	48
4-Way Metal Fabricators Ltd	161 Parr Blvd Bolton ON	E	271.53	48
4-Way Metal Fabricators Ltd	161 Parr Blvd Bolton ON L7E 2Z8	E	271.53	48

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
4-Way Metal Fabricators Ltd	161 Parr Blvd Bolton ON L7E 2Z8	E	271.53	48
4-Way Metal Fabricators Ltd	161 Parr Blvd Bolton ON L7E 2Z8	E	271.53	48
4-Way Metal Fabricators Ltd	161 Parr Blvd Bolton ON L7E 2Z8	E	271.53	48
Quantum Limousine Service Inc	12691 Coleraine Drve Bolton ON	NNW	295.12	52
Quantum Limousine Service Inc	12691 Coleraine Drve Bolton ON	NNW	295.12	52
Quantum Limousine Service Inc	12691 Coleraine Drve Bolton ON L7E 3B5	NNW	295.12	52

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 3 SCT site(s) within approximately 0.30 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Naizil Inc.	12667 Coleraine Dr Bolton ON L7E 3B5	NNW	177.55	42
Naizil Inc.	12667 Colerine Dr Bolton ON L7E 5R9	NNW	177.55	42
FSI Culvert Inc.	Bolton ON	NNW	231.67	45

SPL - Ontario Spills

A search of the SPL database, dated 1988-Feb 2017 has found that there are 1 SPL site(s) within approximately 0.30 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
UNKNOWN	12592 COLERAINE DR, DITCH IN FRONT OF, BOLTON CALEDON TOWN ON	NNW	27.34	21

WWIS - Water Well Information System

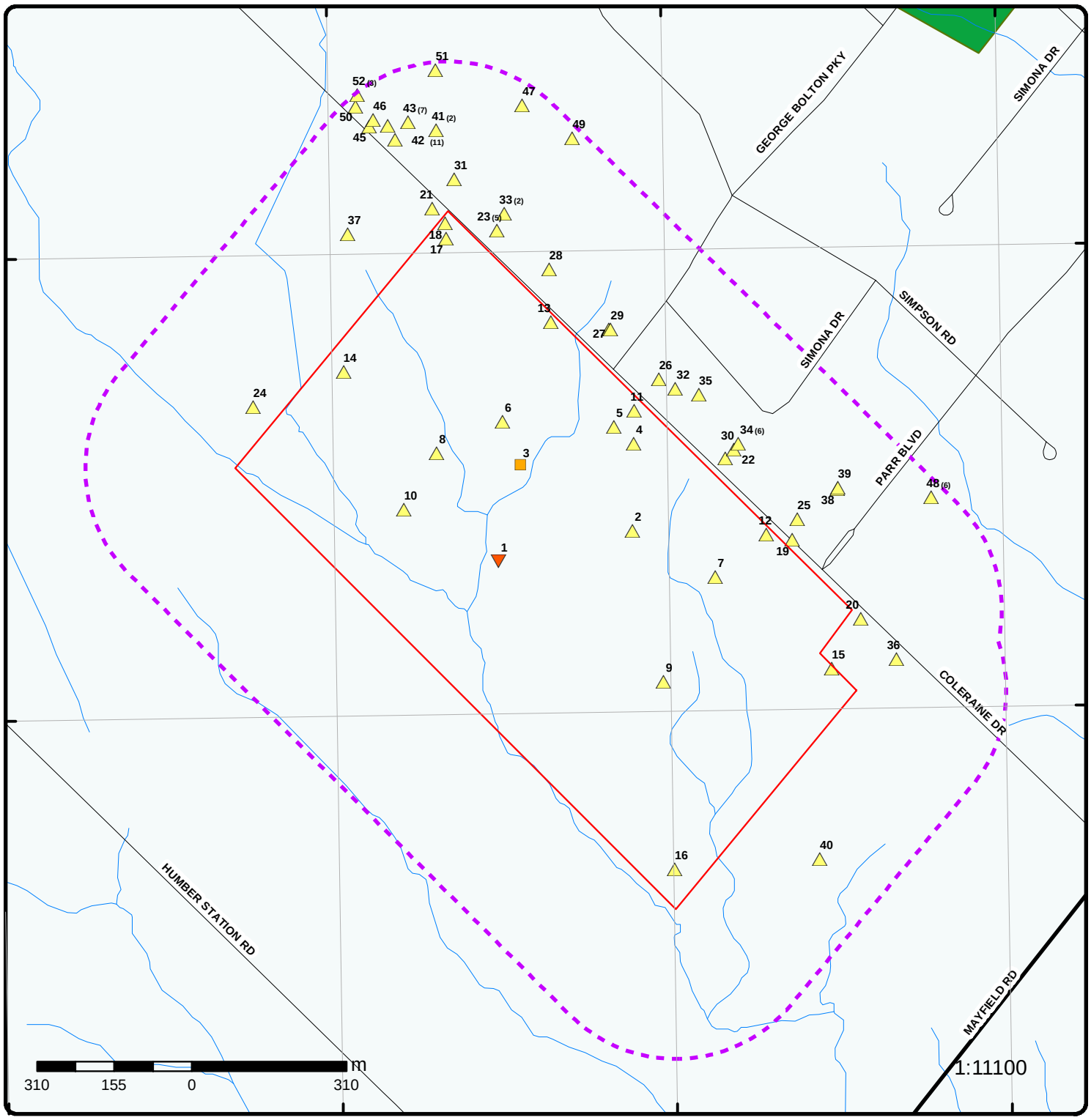
A search of the WWIS database, dated Jun 30, 2016 has found that there are 31 WWIS site(s) within approximately 0.30 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	BOLTON ON	-	0.00	2
	lot 3 con 5 BOLTON ON	-	0.00	3
	lot 3 con 5 ON	-	0.00	4

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	BOLTON ON	-	0.00	5
	BOLTON ON	-	0.00	6
	ON	-	0.00	7
	BOLTON ON	-	0.00	9
	lot 3 con 5 BOLTON ON	-	0.00	10
	lot 3 con 5 ON	-	0.00	11
	BOLTON ON	-	0.00	12
	lot 3 con 6 ON	-	0.00	13
	BOLTON ON	-	0.00	14
	BOLTON ON	-	0.00	15
	BOLTON ON	-	0.00	16
	BOLTON ON	-	0.00	17
	lot 3 con 5 ON	-	0.00	18
	lot 2 con 5 ON	ESE	25.32	20
	CALEDON ON	WNW	49.78	24
	lot 2 con 6 ON	NNE	56.64	26
	lot 3 con 6 ON	NNE	57.56	27
	lot 3 con 6 ON	N	58.68	28
	lot 3 con 6 ON	NNE	59.67	29
	ON	NNW	65.98	31
	lot 3 con 6 ON	NE	66.29	32
	lot 2 con 6 ON	NE	91.48	35
	lot 2 con 6 ON	ESE	101.49	36

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 3 con 5 CALEDON ON	NNW	125.51	37
	BOLTON ON	NNW	209.65	44
	lot 4 con 6 Caledon ON	NNW	279.84	50
	BOLTON ON	NNW	282.86	51

Lower Elevation	Address	Direction	Distance (m)	Map Key
	BOLTON ON	-	0.00	1



Map : 0.3 Kilometer Radius

Order No: 20170822092

Address: 12300 Coleraine Dr, Caledon, ON, L7E3A9

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

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

Source: © 2015 DMTI Spatial Inc.

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Aerial

Order No: 20170822092

Address: 12300 Coleraine Dr, Caledon, ON, L7E3A9

Source: ESRI World Imagery

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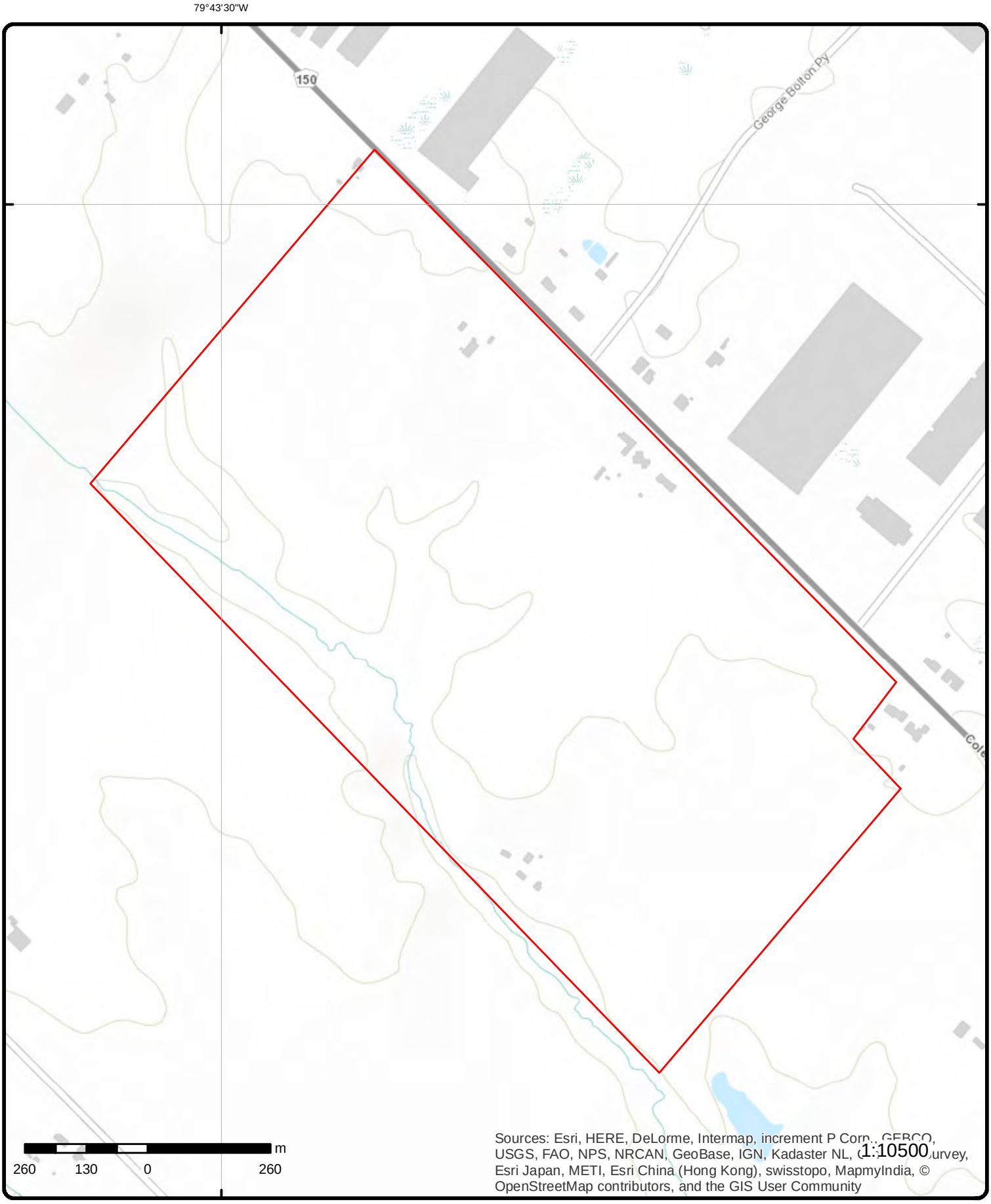

Topographic Map

Address: 12300 Coleraine Dr, Caledon, ON, L7E3A9

Source: ESRI World Topographic Map

Order No: 20170822092

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 1	-/0.0	229.3	BOLTON ON	WWIS

Well ID:	7224997	**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:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information

--	--
Bore Hole ID:	1005010604
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	09-JUN-14
Remarks:	
Zone:	17
East 83:	602814
North 83:	4855388
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:	1005262501
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	SILT
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	4.6
Formation End Depth UOM:	m
--	--
Formation ID:	1005262502
Layer:	2
General Color:	GREY
Most Common Material:	SILT
Other Materials:	CLAY

Other Materials:	PACKED
Formation Top Depth:	4.6
Formation End Depth:	7.6
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1005262509
Layer:	1
Plug From:	0
Plug To:	4.3
Plug Depth UOM:	m
--	--
Plug ID:	1005262510
Layer:	2
Plug From:	4.3
Plug To:	7.6
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1005262508
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1005262500
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1005262505
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	4.6
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1005262506
Layer:	1
Slot:	10
Screen Top Depth:	4.6
Screen End Depth:	7.6
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.4
--	--
Hole Diameter	
--	--
Hole ID:	1005262503
Diameter:	15
Depth From:	0
Depth To:	7.6
Hole Depth UOM:	m

Hole Diameter UOM:	cm
--	--
--	--

---

2 | **1 of 1** | **-/0.0** | **234.9** | **BOLTON ON** | **WWIS**

Well ID:	7245006	**Lot:**	
Construction Date:		**Concession:**	
Primary Water Use:		**Concession Name:**	
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:	Abandoned-Other	**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	1005503083
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	06-JUL-15
Remarks:	
Zone:	17
East 83:	603082
North 83:	4855450
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:	1005644100
Layer:	
General Color:	
Most Common Material:	
Other Materials:	
Other Materials:	
Formation Top Depth:	
Formation End Depth:	
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1005644106
Method Construction Code:	
Method Construction:	
Other Method Construction:	
--	--
Pipe Information	
--	--

Pipe ID:	1005644099
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1005644103
Layer:	1
Open Hole or Material:	STEEL
Depth From:	-5
Depth To:	6
Casing Diameter:	6.625
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	1005644104
Layer:	2
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1005644105
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	
--	--
Hole Diameter	
--	--
Hole ID:	1005644101
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch
--	--
--	--

3 | ***1 of 1*** | ***-/0.0*** | ***229.9*** | ***lot 3 con 5 BOLTON ON*** | ***WWIS***

Well ID:	7245005	**Lot:**	003
Construction Date:		**Concession:**	05
Primary Water Use:		**Concession Name:**	CON
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:	Abandoned-Other	**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	1005502968
DP2BR:	

Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	16-JUL-15
Remarks:	
Zone:	17
East 83:	602858
North 83:	4855582
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:	1005644092
Layer:	
General Color:	
Most Common Material:	
Other Materials:	
Other Materials:	
Formation Top Depth:	
Formation End Depth:	
Formation End Depth UOM:	ft
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1005644098
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1005644097
Method Construction Code:	
Method Construction:	
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1005644091
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1005644095
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	

Casing Diameter:	38
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1005644096
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	
--	--
Hole Diameter	
--	--
Hole ID:	1005644093
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch
--	--
--	--

4 **1 of 1** **-/0.0** **236.1** **lot 3 con 5 ON** **WWIS**

Well ID:	4902966	**Lot:**	003
Construction Date:		**Concession:**	05
Primary Water Use:	Not Used	**Concession Name:**	CON
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:	Abandoned-Quality	**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	10317807
DP2BR:	104
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	20-SEP-68
Remarks:	
Zone:	17
East 83:	603084.6
North 83:	4855623
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	235.97
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:	932039863
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	12
Formation End Depth UOM:	ft
--	--
Formation ID:	932039864
Layer:	2
General Color:	
Most Common Material:	SILT
Other Materials:	
Other Materials:	
Formation Top Depth:	12
Formation End Depth:	26
Formation End Depth UOM:	ft
--	--
Formation ID:	932039865
Layer:	3
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	26
Formation End Depth:	104
Formation End Depth UOM:	ft
--	--
Formation ID:	932039866
Layer:	4
General Color:	
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	104
Formation End Depth:	142
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	964902966
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10866377
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930525108
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	100

Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	994902966
Pump Set At:	
Static Level:	24
Final Level After Pumping:	130
Recommended Pump Depth:	
Pumping Rate:	0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933790983
Layer:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	142
Water Found Depth UOM:	ft
--	--
--	--

5 ***1 of 1*** ***-/0.0*** ***235.4*** ***BOLTON ON*** ***WWIS***

Well ID:	7224998	***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:	CALEDON TOWN (ALBION)	***UTM Reliability:***	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	1005010607
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	09-JUN-14
Remarks:	
Zone:	17
East 83:	603045
North 83:	4855657
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: 1005262523
Layer: 1
General Color: BROWN
Most Common Material: CLAY
Other Materials: SILT
Other Materials: LOOSE
Formation Top Depth: 0
Formation End Depth: 4.6
Formation End Depth UOM: m
-- --
Formation ID: 1005262524
Layer: 2
General Color: GREY
Most Common Material: SILT
Other Materials: CLAY
Other Materials: PACKED
Formation Top Depth: 4.6
Formation End Depth: 7.6
Formation End Depth UOM: m
-- --
Annular Space/Abandonment Sealing Record
-- --
Plug ID: 1005262531
Layer: 1
Plug From: 0
Plug To: 4.3
Plug Depth UOM: m
-- --
Plug ID: 1005262532
Layer: 2
Plug From: 4.3
Plug To: 7.6
Plug Depth UOM: m
-- --
Method of Construction & Well Use
-- --
Method Construction ID: 1005262530
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:
-- --
Pipe Information
-- --
Pipe ID: 1005262522
Casing Number: 0
Comment:
Alt Name:
-- --
Construction Record - Casing
-- --
Casing ID: 1005262527
Layer: 1
Open Hole or Material: PLASTIC
Depth From: 0

Depth To:	4.6
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1005262528
Layer:	1
Slot:	10
Screen Top Depth:	4.6
Screen End Depth:	7.6
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.4
--	--
Hole Diameter	
--	--
Hole ID:	1005262525
Diameter:	15
Depth From:	0
Depth To:	7.6
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

---

6 **1 of 1** **-/0.0** **232.0** **BOLTON ON** **WWIS**

Well ID:	7224999	**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:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	1005010610
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	09-JUN-14
Remarks:	
Zone:	17
East 83:	602822
North 83:	4855667
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:	1005262545
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	SILT
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	4.6
Formation End Depth UOM:	m
--	--
Formation ID:	1005262546
Layer:	2
General Color:	GREY
Most Common Material:	SILT
Other Materials:	CLAY
Other Materials:	PACKED
Formation Top Depth:	4.6
Formation End Depth:	6.1
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1005262553
Layer:	1
Plug From:	0
Plug To:	2.8
Plug Depth UOM:	m
--	--
Plug ID:	1005262554
Layer:	2
Plug From:	2.8
Plug To:	6.1
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1005262552
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1005262544
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1005262549
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.1
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--

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

--	--
Construction Record - Screen	
--	--
Screen ID:	1005262550
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:	6.4
--	--
Hole Diameter	
--	--
Hole ID:	1005262547
Diameter:	15
Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

7	1 of 1	-/0.0	234.9	ON	WWIS

Well ID:	7224996	**Lot:**	
Construction Date:		**Concession:**	
Primary Water Use:		**Concession Name:**	
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:		**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	1005010601
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	09-JUN-14
Remarks:	
Zone:	17
East 83:	603248
North 83:	4855357
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	
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation ID:		1005261810			
Layer:					
General Color:					
Most Common Material:					
Other Materials:					
Other Materials:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM:		ft			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		1005261815			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		1005261809			
Casing Number:		0			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		1005261813			
Layer:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		1005261814			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
--		--			
Hole Diameter					
--		--			
Hole ID:		1005261811			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
--		--			
--		--			
8	**1 of 1**	**-/0.0**	**230.8**	**Parr Boulevard And Colarine Drive Caledon ON**	**EHS**
Postal Code:					
City:					

Address2:	
Address1:	
Provstate:	
Order No.:	20140108006
Addit. Info Ordered::	
Report Date:	16-JAN-14
Report Type:	Custom Report
Search Radius (km):	.25

9 | **1 of 1** | **-/0.0** | **234.3** | **BOLTON ON** | **WWIS**

Well ID:	7224983	**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:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information

--	--
Bore Hole ID:	1005009048
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	09-JUN-14
Remarks:	
Zone:	17
East 83:	603144
North 83:	4855147
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:	1005261394
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	SILT
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	4.6
Formation End Depth UOM:	m
--	--
Formation ID:	1005261395
Layer:	2
General Color:	GREY
Most Common Material:	SILT

Other Materials:	CLAY
Other Materials:	PACKED
Formation Top Depth:	4.6
Formation End Depth:	7.6
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1005261402
Layer:	1
Plug From:	0
Plug To:	4.3
Plug Depth UOM:	m
--	--
Plug ID:	1005261403
Layer:	2
Plug From:	4.3
Plug To:	7.6
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1005261401
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1005261393
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1005261398
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	4.6
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1005261399
Layer:	1
Slot:	10
Screen Top Depth:	4.6
Screen End Depth:	7.6
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.4
--	--
Hole Diameter	
--	--
Hole ID:	1005261396
Diameter:	15
Depth From:	0
Depth To:	7.6

Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
10	1 of 1	-/0.0	230.9	lot 3 con 5 BOLTON ON	WWIS

Well ID:	7224993	**Lot:**	003
Construction Date:		**Concession:**	05
Primary Water Use:	Monitoring	**Concession Name:**	CON
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:	Observation Wells	**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information

--	--
Bore Hole ID:	1005010592
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	09-JUN-14
Remarks:	
Zone:	17
East 83:	602624
North 83:	4855492
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:	1005261430
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	SILT
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	4.6
Formation End Depth UOM:	m
--	--
Formation ID:	1005261431
Layer:	2
General Color:	GREY
Most Common Material:	SILT
Other Materials:	CLAY
Other Materials:	PACKED
Formation Top Depth:	4.6
Formation End Depth:	6.1
Formation End Depth UOM:	m

--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1005261438
Layer:	1
Plug From:	0
Plug To:	2.8
Plug Depth UOM:	m
--	--
Plug ID:	1005261439
Layer:	2
Plug From:	2.8
Plug To:	6.1
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1005261437
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1005261429
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1005261434
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.1
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1005261435
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:	6.4
--	--
Hole Diameter	
--	--
Hole ID:	1005261432
Diameter:	15
Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
11	1 of 1	-/0.0	237.6	lot 3 con 5 ON	WWIS

Well ID:	4900251	**Lot:**	003
Construction Date:		**Concession:**	05
Primary Water Use:	Domestic	**Concession Name:**	CON
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:	Water Supply	**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information

--	--
Bore Hole ID:	10315099
DP2BR:	88
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	18-JUN-66
Remarks:	
Zone:	17
East 83:	603085.6
North 83:	4855690
UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	p5
Org CS:	
Elevation:	236.88
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:	932029262
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft
--	--
Formation ID:	932029263
Layer:	2
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	15
Formation End Depth:	76
Formation End Depth UOM:	ft
--	--
Formation ID:	932029264
Layer:	3
General Color:	
Most Common Material:	MEDIUM SAND

Other Materials:	GRAVEL
Other Materials:	BOULDERS
Formation Top Depth:	76
Formation End Depth:	88
Formation End Depth UOM:	ft
--	--
Formation ID:	932029265
Layer:	4
General Color:	BLUE
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	88
Formation End Depth:	105
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	964900251
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10863669
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930521174
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	90
Casing Diameter:	7
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930521175
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	105
Casing Diameter:	7
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	994900251
Pump Set At:	
Static Level:	22
Final Level After Pumping:	100
Recommended Pump Depth:	100
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	3
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1

Pumping Duration HR:	6
Pumping Duration MIN:	0
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933788208
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	102
Water Found Depth UOM:	ft
--	--
--	--

12 | **1 of 1** | **-/0.0** | **236.2** | **BOLTON ON** | **WWIS**

Well ID:	4910382	**Lot:**	
Construction Date:		**Concession:**	
Primary Water Use:		**Concession Name:**	
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:	Observation Wells	**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	11694263
DP2BR:	
Code OB:	o
Code OB Description:	Overburden
Open Hole:	
Date Completed:	02-NOV-06
Remarks:	
Zone:	17
East 83:	603350
North 83:	4855442
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	236.89
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:	933077830
Layer:	1
General Color:	BROWN
Most Common Material:	TOPSOIL
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

--	--
Formation ID:	933077831
Layer:	2
General Color:	BROWN
Most Common Material:	SILT
Other Materials:	TILL
Other Materials:	
Formation Top Depth:	1
Formation End Depth:	10
Formation End Depth UOM:	ft
--	--
Formation ID:	933077832
Layer:	3
General Color:	GREY
Most Common Material:	CLAY
Other Materials:	SILT
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	20
Formation End Depth UOM:	ft
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	933305594
Layer:	1
Plug From:	0
Plug To:	13
Plug Depth UOM:	ft
--	--
Plug ID:	933305595
Layer:	2
Plug From:	13
Plug To:	20
Plug Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	964910382
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11699129
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930890122
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	15
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	933421143

Layer:	1
Slot:	10
Screen Top Depth:	15
Screen End Depth:	20
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2
--	--
Hole Diameter	
--	--
Hole ID:	11758287
Diameter:	8.25
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
13	1 of 1	-/0.0	239.0	lot 3 con 6 ON	WWIS

Well ID:	4904311	**Lot:**	003
Construction Date:		**Concession:**	06
Primary Water Use:	Domestic	**Concession Name:**	CON
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:	Water Supply	**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	10319099
DP2BR:	
Code OB:	o
Code OB Description:	Overburden
Open Hole:	
Date Completed:	04-OCT-73
Remarks:	
Zone:	17
East 83:	602918.6
North 83:	4855868
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	238.95
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:	932045221
Layer:	1
General Color:	BROWN
Most Common Material:	TOPSOIL

Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft
--	--
Formation ID:	932045222
Layer:	2
General Color:	GREY
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	43
Formation End Depth UOM:	ft
--	--
Formation ID:	932045223
Layer:	3
General Color:	GREY
Most Common Material:	SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	43
Formation End Depth:	45
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	964904311
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10867669
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930526874
Layer:	1
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	45
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	994904311
Pump Set At:	
Static Level:	20
Final Level After Pumping:	43
Recommended Pump Depth:	42
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	4
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR

Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N
--	--
Draw Down & Recovery	
--	--
Pump Test Detail ID:	934258578
Pump Test ID:	994904311
Test Type:	Recovery
Test Duration:	15
Test Level:	38
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934533110
Pump Test ID:	994904311
Test Type:	Recovery
Test Duration:	30
Test Level:	35
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934787240
Pump Test ID:	994904311
Test Type:	Recovery
Test Duration:	45
Test Level:	31
Test Level UOM:	ft
--	--
Pump Test Detail ID:	935043410
Pump Test ID:	994904311
Test Type:	Recovery
Test Duration:	60
Test Level:	27
Test Level UOM:	ft
--	--
--	--
Water Details	
--	--
Water ID:	933792341
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	25
Water Found Depth UOM:	ft
--	--
--	--

14 ***1 of 1*** ***-/0.0*** ***232.8*** ***BOLTON ON*** ***WWIS***

Well ID:	7224994	***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:	CALEDON TOWN (ALBION)	***UTM Reliability:***	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	1005010595
DP2BR:	
Code OB:	
Code OB Description:	

Open Hole:	
Date Completed:	09-JUN-14
Remarks:	
Zone:	17
East 83:	602503
North 83:	4855768
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:	1005261441
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	SILT
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	4.6
Formation End Depth UOM:	m
--	--
Formation ID:	1005261442
Layer:	2
General Color:	GREY
Most Common Material:	SILT
Other Materials:	CLAY
Other Materials:	PACKED
Formation Top Depth:	4.6
Formation End Depth:	7.6
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1005261449
Layer:	1
Plug From:	0
Plug To:	4.3
Plug Depth UOM:	m
--	--
Plug ID:	1005261450
Layer:	2
Plug From:	4.3
Plug To:	7.6
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1005261448
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--

Pipe Information	
--	--
Pipe ID:	1005261440
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1005261445
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	4.6
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1005261446
Layer:	1
Slot:	10
Screen Top Depth:	4.6
Screen End Depth:	7.6
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.4
--	--
Hole Diameter	
--	--
Hole ID:	1005261443
Diameter:	15
Depth From:	0
Depth To:	7.6
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

15 | ***1 of 1*** | ***-/0.0*** | ***234.9*** | ***BOLTON ON*** | ***WWIS***

Well ID:	7224995	***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:	CALEDON TOWN (ALBION)	***UTM Reliability:***	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	1005010598
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	09-JUN-14
Remarks:	
Zone:	17
East 83:	603481

North 83:	4855174
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:	1005261757
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	SILT
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	4.6
Formation End Depth UOM:	m
--	--
Formation ID:	1005261758
Layer:	2
General Color:	GREY
Most Common Material:	SILT
Other Materials:	CLAY
Other Materials:	PACKED
Formation Top Depth:	4.6
Formation End Depth:	6.1
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1005261765
Layer:	1
Plug From:	0
Plug To:	2.8
Plug Depth UOM:	m
--	--
Plug ID:	1005261766
Layer:	2
Plug From:	2.8
Plug To:	6.1
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1005261764
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1005261756
Casing Number:	0
Comment:	

Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1005261761
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.1
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1005261762
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:	6.4
--	--
Hole Diameter	
--	--
Hole ID:	1005261759
Diameter:	15
Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

16	***1 of 1***	***-/0.0***	***231.9***	***BOLTON ON***	***WWIS***

Well ID:	7224982	***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:	CALEDON TOWN (ALBION)	***UTM Reliability:***	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	1005009045
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	09-JUN-14
Remarks:	
Zone:	17
East 83:	603167
North 83:	4854771
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: 1005261383
Layer: 1
General Color: BROWN
Most Common Material: CLAY
Other Materials: SILT
Other Materials: LOOSE
Formation Top Depth: 0
Formation End Depth: 4.6
Formation End Depth UOM: m
-- --
Formation ID: 1005261384
Layer: 2
General Color: GREY
Most Common Material: SILT
Other Materials: CLAY
Other Materials: PACKED
Formation Top Depth: 4.6
Formation End Depth: 6.1
Formation End Depth UOM: m
-- --
Annular Space/Abandonment Sealing Record
-- --
Plug ID: 1005261391
Layer: 1
Plug From: 0
Plug To: 2.8
Plug Depth UOM: m
-- --
Plug ID: 1005261392
Layer: 2
Plug From: 2.8
Plug To: 6.1
Plug Depth UOM: m
-- --
Method of Construction & Well Use
-- --
Method Construction ID: 1005261390
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:
-- --
Pipe Information
-- --
Pipe ID: 1005261382
Casing Number: 0
Comment:
Alt Name:
-- --
Construction Record - Casing
-- --
Casing ID: 1005261387

Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.1
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1005261388
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:	6.4
--	--
Hole Diameter	
--	--
Hole ID:	1005261385
Diameter:	15
Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

17	1 of 1	-/0.0	240.9	BOLTON ON	WWIS

Well ID:	7225000	**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:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	1005010613
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	09-JUN-14
Remarks:	
Zone:	17
East 83:	602709
North 83:	4856035
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:	1005262568
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	SILT
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	4.6
Formation End Depth UOM:	m
--	--
Formation ID:	1005262569
Layer:	2
General Color:	GREY
Most Common Material:	SILT
Other Materials:	CLAY
Other Materials:	PACKED
Formation Top Depth:	4.6
Formation End Depth:	7.6
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1005262576
Layer:	1
Plug From:	0
Plug To:	4.3
Plug Depth UOM:	m
--	--
Plug ID:	1005262577
Layer:	2
Plug From:	4.3
Plug To:	7.6
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1005262575
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1005262567
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1005262572
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	4.6
Casing Diameter:	5.2

Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1005262573
Layer:	1
Slot:	10
Screen Top Depth:	4.6
Screen End Depth:	7.6
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.4
--	--
Hole Diameter	
--	--
Hole ID:	1005262570
Diameter:	15
Depth From:	0
Depth To:	7.6
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

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18 | **1 of 1** | **-/0.0** | **240.9** | **lot 3 con 5 ON** | **WWIS**

Well ID:	4900252	**Lot:**	003
Construction Date:		**Concession:**	05
Primary Water Use:	Domestic	**Concession Name:**	CON
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:	Water Supply	**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	10315100
DP2BR:	
Code OB:	o
Code OB Description:	Overburden
Open Hole:	
Date Completed:	22-NOV-67
Remarks:	
Zone:	17
East 83:	602706.6
North 83:	4856065
UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	p5
Org CS:	
Elevation:	240.48
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:	932029266
Layer:	1
General Color:	BROWN
Most Common Material:	TOPSOIL
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	12
Formation End Depth UOM:	ft
--	--
Formation ID:	932029267
Layer:	2
General Color:	GREY
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	12
Formation End Depth:	58
Formation End Depth UOM:	ft
--	--
Formation ID:	932029268
Layer:	3
General Color:	GREY
Most Common Material:	FINE SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	58
Formation End Depth:	60
Formation End Depth UOM:	ft
--	--

Method of Construction & Well Use

--	--
Method Construction ID:	964900252
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--

Pipe Information

--	--
Pipe ID:	10863670
Casing Number:	1
Comment:	
Alt Name:	
--	--

Construction Record - Casing

--	--
Casing ID:	930521176
Layer:	1
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	60
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--

Well Yield Testing

--	--
Pump Test ID:	994900252
Pump Set At:	
Static Level:	30
Final Level After Pumping:	
Recommended Pump Depth:	56

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

Pumping Rate:	0
Flowing Rate:	
Recommended Pump Rate:	0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933788209
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft
--	--
--	--

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19 **1 of 1** **E/15.6** **236.9** **GWL Realty Advisors Inc.**
12315 Coleraine Dr Bolton
Vaughan ON **CA**

Certificate #:	5192-7JDS9C
Application Year:	2008
Issue Date:	9/17/2008
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	
Contaminants::	
Emission Control::	

---

20 **1 of 1** **ESE/25.3** **235.9** **lot 2 con 5**
ON **WWIS**

Well ID:	4905462	**Lot:**	002
Construction Date:		**Concession:**	05
Primary Water Use:	Domestic	**Concession Name:**	CON
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:	Water Supply	**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	10320195
DP2BR:	
Code OB:	u
Code OB Description:	all layers are unknown type
Open Hole:	
Date Completed:	25-MAY-78
Remarks:	
Zone:	17

East 83:	603539.6
North 83:	4855273
UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	p5
Org CS:	
Elevation:	235.56
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:	932050052
Layer:	1
General Color:	
Most Common Material:	UNKNOWN TYPE
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	70
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	964905462
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10868765
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930528357
Layer:	1
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	70
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	994905462
Pump Set At:	
Static Level:	45
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	3
Levels UOM:	ft

Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933793493
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft
--	--
--	--

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21 | **1 of 1** | **NNW/27.3** | **240.9** | **UNKNOWN**
12592 COLERAINE DR, DITCH IN FRONT OF,
BOLTON
CALEDON TOWN ON | **SPL**

Ref No:	172482
Contaminant Code:	
Contaminant Name:	
Contaminant Quantity:	
Incident Cause:	UNKNOWN
Incident Dt:	//
Incident Reason:	UNKNOWN
Incident Summary:	UKN SRC-3 L OIL TO DITCH;TOWN CLEANING & MONITOR- ING FOR RE-OCCURENCE.
MOE Reported Dt:	9/8/1999
Environmental Impact:	CONFIRMED
Nature of Impact:	Water course or lake
Receiving Medium:	LAND / WATER
SAC Action Class:	
Sector Source Type:	
Receiving Environment:	
Incident Event:	
Site Municipality:	21401

---

22 | **1 of 1** | **ENE/37.4** | **237.9** | **12315 Coleraine Dr**
Bolton ON | **EHS**

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20120912007
Addit. Info Ordered::	
Report Date:	20-SEP-12
Report Type:	Standard Report
Search Radius (km):	.25

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23 | **1 of 5** | **N/41.4** | **239.9** | **Kingspan Insulated Panels Ltd.**
12557 Coleraine Dr
Caledon ON L7E 3B5 | **EBR**

Company Name:	

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

Year: 2010
Notice Type: Instrument Proposal
EBR Registry No.: 010-9710
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Proposal Date: April 15, 2010
Ministry Ref. No.: 3747-84APEG
Location: 12557 Coleraine Drive Caledon, Regional Municipality of Peel L7E 3B5
Proponent Address: 12557 Coleraine Drive Caledon Ontario Canada L7E 3B5
Notice Date:

23	2 of 5	N/41.4	239.9	**Kingspan Insulated Panels Ltd.** **12557 Coleraine Dr** **Caledon ON**	ECA

Approval No: 9072-8PAQED
Project Type: Air/Noise
Date: 2/22/2012
Status: Approved
Longitude:
Latitude:
Record Type:
PDF URL:
Full Address:

23	3 of 5	N/41.4	239.9	**12557 Coleraine Drive** **Caledon ON**	EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20110705016
Addit. Info Ordered::
Report Date: 7/11/2011
Report Type: Custom Report
Search Radius (km): 0.25

23	4 of 5	N/41.4	239.9	**Kingspan Insulated Panels Limited** **12557 Coleraine Drive** **Caledon ON L7E 3B5**	GEN

Generator No.: ON8183033
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 326150
SIC Description: Urethane and Other Foam Product (except Polystyrene) Manufacturing

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

--Details--
Waste Code: 232
Waste Description: POLYMERIC RESINS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
23	5 of 5	N/41.4	239.9	Kingspan Insulated Panels Limited 12557 Coleraine Drive Caledon ON L7E 3B5	GEN

Generator No.: ON8183033
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 326150
SIC Description: Urethane and Other Foam Product (except Polystyrene) Manufacturing

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

--Details--
Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 232
Waste Description: POLYMERIC RESINS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
24	1 of 1	WNW/49.8	231.8	CALEDON ON	WWIS

Well ID: 7210516
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status:
Specific Capacity:
Municipality: CALEDON TOWN (ALBION)
County: PEEL

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

Bore Hole Information
-- --
Bore Hole ID: 1004620305
DP2BR:
Code OB:
Code OB Description:
Open Hole:
Date Completed: 11-OCT-13
Remarks:
Zone: 17
East 83: 602322
North 83: 4855697
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: 1004862716
Layer: 1
General Color: BROWN

Most Common Material:	CLAY
Other Materials:	SAND
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft
--	--
Formation ID:	1004862717
Layer:	2
General Color:	GREY
Most Common Material:	CLAY
Other Materials:	SAND
Other Materials:	SILT
Formation Top Depth:	5
Formation End Depth:	20
Formation End Depth UOM:	ft
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1004862729
Layer:	1
Plug From:	0
Plug To:	14
Plug Depth UOM:	ft
--	--
Plug ID:	1004862730
Layer:	2
Plug From:	0
Plug To:	14
Plug Depth UOM:	ft
--	--
Plug ID:	1004862731
Layer:	3
Plug From:	0
Plug To:	14
Plug Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1004862728
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1004862715
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1004862722
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	14
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	1004862723
Layer:	2

Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	4
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	1004862724
Layer:	3
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	14
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1004862725
Layer:	1
Slot:	10
Screen Top Depth:	15
Screen End Depth:	19.6
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2
--	--
Screen ID:	1004862726
Layer:	2
Slot:	10
Screen Top Depth:	5
Screen End Depth:	10
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2
--	--
Hole Diameter	
--	--
Hole ID:	1004862720
Diameter:	4.25
Depth From:	0
Depth To:	20
Hole Depth UOM:	ft
Hole Diameter UOM:	inch
--	--
Hole ID:	1004862719
Diameter:	4.25
Depth From:	0
Depth To:	10
Hole Depth UOM:	ft
Hole Diameter UOM:	inch
--	--
Hole ID:	1004862718
Diameter:	4.25
Depth From:	0
Depth To:	19.6
Hole Depth UOM:	ft
Hole Diameter UOM:	inch
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	1 of 1	E/52.2	236.9	ON	BORE

Borehole ID:	590991	**Type:**	Outcrop
Use:		**Status::**	Unknown
Drill Method::		**UTM Zone::**	17
Easting::	603412	**Northing::**	4855473
Location Accuracy::		**Orig. Ground Elev m::**	235
Elev. Reliability Note::		**DEM Ground Elev m::**	237
Total Depth m::	.8	**Primary Name::**	OGS-OLW-62-711
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::		**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218340118	**Top Depth(m):**	0.0
Bottom Depth(m):	0.8	**Stratum Desc:**	Di si cl

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
26	1 of 1	NNE/56.6	239.9	lot 2 con 6 ON	WWIS

Well ID:	4903672	**Lot:**	002
Construction Date:		**Concession:**	06
Primary Water Use:	Domestic	**Concession Name:**	CON
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:	Water Supply	**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information

--	--
Bore Hole ID:	10318505
DP2BR:	102
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	16-JUN-71
Remarks:	
Zone:	17
East 83:	603134.6
North 83:	4855753
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	239.39
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:	932042589
Layer:	1
General Color:	BROWN

Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	30
Formation End Depth UOM:	ft
--	--
Formation ID:	932042590
Layer:	2
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	30
Formation End Depth:	101
Formation End Depth UOM:	ft
--	--
Formation ID:	932042591
Layer:	3
General Color:	
Most Common Material:	GRAVEL
Other Materials:	
Other Materials:	
Formation Top Depth:	101
Formation End Depth:	102
Formation End Depth UOM:	ft
--	--
Formation ID:	932042592
Layer:	4
General Color:	BLUE
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	102
Formation End Depth:	110
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	964903672
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10867075
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930526063
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	102
Casing Diameter:	7
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930526064
Layer:	2
Open Hole or Material:	OPEN HOLE

Depth From:	
Depth To:	110
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	994903672
Pump Set At:	
Static Level:	28
Final Level After Pumping:	100
Recommended Pump Depth:	105
Pumping Rate:	7
Flowing Rate:	
Recommended Pump Rate:	6
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	6
Pumping Duration MIN:	0
Flowing:	N
--	--
Draw Down & Recovery	
--	--
Pump Test Detail ID:	934256876
Pump Test ID:	994903672
Test Type:	Draw Down
Test Duration:	15
Test Level:	28
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934531408
Pump Test ID:	994903672
Test Type:	Draw Down
Test Duration:	30
Test Level:	28
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934785549
Pump Test ID:	994903672
Test Type:	Draw Down
Test Duration:	45
Test Level:	28
Test Level UOM:	ft
--	--
Pump Test Detail ID:	935050465
Pump Test ID:	994903672
Test Type:	Draw Down
Test Duration:	60
Test Level:	28
Test Level UOM:	ft
--	--
--	--
Water Details	
--	--
Water ID:	933791711
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	101
Water Found Depth UOM:	ft
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
27	1 of 1	NNE/57.6	237.8	lot 3 con 6 ON	WWIS

Well ID:	4903718	**Lot:**	003
Construction Date:		**Concession:**	06
Primary Water Use:	Domestic	**Concession Name:**	CON
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:	Water Supply	**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information

--	--
Bore Hole ID:	10318551
DP2BR:	84
Code OB:	h
Code OB Description:	Mixed in a Layer
Open Hole:	
Date Completed:	07-OCT-71
Remarks:	
Zone:	17
East 83:	603034.6
North 83:	4855853
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	237.29
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:	932042800
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft
--	--
Formation ID:	932042801
Layer:	2
General Color:	GREY
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	15
Formation End Depth:	35
Formation End Depth UOM:	ft
--	--
Formation ID:	932042802
Layer:	3
General Color:	GREY

Most Common Material:	MEDIUM SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	35
Formation End Depth:	40
Formation End Depth UOM:	ft
--	--
Formation ID:	932042803
Layer:	4
General Color:	GREY
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	40
Formation End Depth:	84
Formation End Depth UOM:	ft
--	--
Formation ID:	932042804
Layer:	5
General Color:	
Most Common Material:	COARSE SAND
Other Materials:	SHALE
Other Materials:	
Formation Top Depth:	84
Formation End Depth:	85
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	964903718
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10867121
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930526134
Layer:	1
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	85
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	994903718
Pump Set At:	
Static Level:	40
Final Level After Pumping:	80
Recommended Pump Depth:	60
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	2
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1

Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N
--	--
Draw Down & Recovery	
--	--
Pump Test Detail ID:	934256907
Pump Test ID:	994903718
Test Type:	Recovery
Test Duration:	15
Test Level:	79
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934531435
Pump Test ID:	994903718
Test Type:	Recovery
Test Duration:	30
Test Level:	78
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934785576
Pump Test ID:	994903718
Test Type:	Recovery
Test Duration:	45
Test Level:	77
Test Level UOM:	ft
--	--
Pump Test Detail ID:	935050491
Pump Test ID:	994903718
Test Type:	Recovery
Test Duration:	60
Test Level:	76
Test Level UOM:	ft
--	--
--	--
Water Details	
--	--
Water ID:	933791762
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	85
Water Found Depth UOM:	ft
--	--
--	--

28 | **1 of 1** | **N/58.7** | **239.9** | **lot 3 con 6 ON** | **WWIS**

Well ID:	4905281	**Lot:**	003
Construction Date:		**Concession:**	06
Primary Water Use:		**Concession Name:**	CON
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:	Abandoned-Supply	**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	10320036
DP2BR:	95
Code OB:	r

Code OB Description:	Bedrock
Open Hole:	
Date Completed:	09-SEP-77
Remarks:	
Zone:	17
East 83:	602914.6
North 83:	4855973
UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	p5
Org CS:	
Elevation:	240.4
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:	932049412
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	16
Formation End Depth UOM:	ft
--	--
Formation ID:	932049413
Layer:	2
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	16
Formation End Depth:	91
Formation End Depth UOM:	ft
--	--
Formation ID:	932049414
Layer:	3
General Color:	GREY
Most Common Material:	GRAVEL
Other Materials:	SAND
Other Materials:	STONES
Formation Top Depth:	91
Formation End Depth:	95
Formation End Depth UOM:	ft
--	--
Formation ID:	932049415
Layer:	4
General Color:	BLUE
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	95
Formation End Depth:	125
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	

--	--
Method Construction ID:	964905281
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10868606
Casing Number:	1
Comment:	
Alt Name:	
--	--

---

29 | **1 of 1** | **NNE/59.7** | **237.8** | **lot 3 con 6 ON** | **WWIS**

Well ID:	4903673	**Lot:**	003
Construction Date:		**Concession:**	06
Primary Water Use:	Domestic	**Concession Name:**	CON
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:	Water Supply	**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information

--	--
Bore Hole ID:	10318506
DP2BR:	83
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	29-APR-71
Remarks:	
Zone:	17
East 83:	603037.6
North 83:	4855853
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	237.42
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:	932042593
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	MEDIUM SAND
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	17
Formation End Depth UOM:	ft
--	--

Formation ID:	932042594
Layer:	2
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	17
Formation End Depth:	45
Formation End Depth UOM:	ft
--	--
Formation ID:	932042595
Layer:	3
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	BOULDERS
Other Materials:	
Formation Top Depth:	45
Formation End Depth:	73
Formation End Depth UOM:	ft
--	--
Formation ID:	932042596
Layer:	4
General Color:	GREEN
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	73
Formation End Depth:	81
Formation End Depth UOM:	ft
--	--
Formation ID:	932042597
Layer:	5
General Color:	
Most Common Material:	BOULDERS
Other Materials:	
Other Materials:	
Formation Top Depth:	81
Formation End Depth:	83
Formation End Depth UOM:	ft
--	--
Formation ID:	932042598
Layer:	6
General Color:	BLUE
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	83
Formation End Depth:	99
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	964903673
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10867076
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	

--	--
Casing ID:	930526065
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	84
Casing Diameter:	7
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930526066
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	99
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	994903673
Pump Set At:	
Static Level:	27
Final Level After Pumping:	90
Recommended Pump Depth:	95
Pumping Rate:	6
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	2
Pumping Duration HR:	7
Pumping Duration MIN:	0
Flowing:	N
--	--
Draw Down & Recovery	
--	--
Pump Test Detail ID:	934256877
Pump Test ID:	994903673
Test Type:	Recovery
Test Duration:	15
Test Level:	45
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934531409
Pump Test ID:	994903673
Test Type:	Recovery
Test Duration:	30
Test Level:	36
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934785550
Pump Test ID:	994903673
Test Type:	Recovery
Test Duration:	45
Test Level:	30
Test Level UOM:	ft
--	--
Pump Test Detail ID:	935050466
Pump Test ID:	994903673
Test Type:	Recovery
Test Duration:	60
Test Level:	27

Test Level UOM:	ft
--	--
--	--
Water Details	
--	--
Water ID:	933791712
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	98
Water Found Depth UOM:	ft
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
30	1 of 1	ENE/61.9	237.9	12315 Coleraine Drive Bolton ON L7E 3B4	EHS

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20110210007
Addit. Info Ordered::	
Report Date:	2/16/2011
Report Type:	Custom Report
Search Radius (km):	0.25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
31	1 of 1	NNW/66.0	240.9	ON	WWIS

Well ID:	7260126	**Lot:**	
Construction Date:		**Concession:**	
Primary Water Use:		**Concession Name:**	
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:		**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	1005916163
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	11-FEB-15
Remarks:	
Zone:	17
East 83:	602725
North 83:	4856155
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:	
--	--
--	--

32	1 of 1	NE/66.3	239.6	lot 3 con 6 ON	WWIS

Well ID:	4904454	**Lot:**	003
Construction Date:		**Concession:**	06
Primary Water Use:	Domestic	**Concession Name:**	CON
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:	Water Supply	**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information

--	--
Bore Hole ID:	10319237
DP2BR:	90
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	02-JUN-74
Remarks:	
Zone:	17
East 83:	603167.6
North 83:	4855734
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	239.4
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:	932045819
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	20
Formation End Depth UOM:	ft
--	--
Formation ID:	932045820
Layer:	2
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	79
Formation End Depth UOM:	ft

--	--
Formation ID:	932045821
Layer:	3
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	GRAVEL
Other Materials:	
Formation Top Depth:	79
Formation End Depth:	90
Formation End Depth UOM:	ft
--	--
Formation ID:	932045822
Layer:	4
General Color:	BLUE
Most Common Material:	SHALE
Other Materials:	
Other Materials:	
Formation Top Depth:	90
Formation End Depth:	125
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	964904454
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10867807
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930527068
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	90
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930527069
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	994904454
Pump Set At:	
Static Level:	36
Final Level After Pumping:	100
Recommended Pump Depth:	
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	

Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	16
Pumping Duration MIN:	0
Flowing:	N
--	--
Draw Down & Recovery	
--	--
Pump Test Detail ID:	934259108
Pump Test ID:	994904454
Test Type:	Recovery
Test Duration:	15
Test Level:	70
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934533640
Pump Test ID:	994904454
Test Type:	Recovery
Test Duration:	30
Test Level:	50
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934787768
Pump Test ID:	994904454
Test Type:	Recovery
Test Duration:	45
Test Level:	45
Test Level UOM:	ft
--	--
Pump Test Detail ID:	935043942
Pump Test ID:	994904454
Test Type:	Recovery
Test Duration:	60
Test Level:	40
Test Level UOM:	ft
--	--
--	--
Water Details	
--	--
Water ID:	933792492
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	79
Water Found Depth UOM:	ft
--	--
--	--

33	***1 of 2***	***N/75.8***	***239.9***	***Kingspan Insulated Panels*** ***12557 Coleraine Drive*** ***Caledon ON L7E 3B5***	***GEN***

Generator No.:	ON7629112	***PO Box No.:***	
Status:	Registered	***Country:***	Canada
Approval Years:	As of Jun 2017	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No. Admin:***	
SIC Code:			
SIC Description:			

--Details--

Waste Code: 148 C
Waste Description: Misc. wastes and inorganic chemicals

Waste Code: 232 R
Waste Description: Polymeric resins

Waste Code: 148 L
Waste Description: Misc. wastes and inorganic chemicals

Waste Code: 252 L
Waste Description: Waste crankcase oils and lubricants

Waste Code: 145 I
Waste Description: Wastes from the use of pigments, coatings and paints

Waste Code: 212 B
Waste Description: Aliphatic solvents and residues

Waste Code: 263 L
Waste Description: Misc. waste organic chemicals

Waste Code: 263 C
Waste Description: Misc. waste organic chemicals

Waste Code: 251 L
Waste Description: Waste oils/sludges (petroleum based)

Waste Code: 212 L
Waste Description: Aliphatic solvents and residues

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33 **2 of 2** **N/75.8** **239.9** **Kingspan Insulated Panels**
12557 Coleraine Drive
Caledon ON L7E 3B5 **GEN**

Generator No.: ON7629112
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 339990
SIC Description: ALL OTHER MISCELLANEOUS MANUFACTURING

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

--Details--

Waste Code: 232
Waste Description: POLYMERIC RESINS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
34	1 of 6	ENE/76.9	237.9	GWL Realty Advisors Inc. 12315 Coleraine Dr Bolton Vaughan ON L5B 3C2	ECA

Approval No: 5192-7JDS9C
Project Type: Air
Date: 9/17/2008 3:44:39 PM
Status: Approved
Longitude:
Latitude:
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/3179-7GZPSG-14.pdf
Full Address:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
34	2 of 6	ENE/76.9	237.9	12315 Coleraine Drive Bolton, Caledon ON L7E 3B4	EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20100129004
Addit. Info Ordered::
Report Date: 2/8/2010
Report Type: Standard Report
Search Radius (km): 0.25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
34	3 of 6	ENE/76.9	237.9	12315 Coleraine Dr Caledon ON L7E3B4	EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20140704044
Addit. Info Ordered::
Report Date: 11-JUL-14
Report Type: Standard Report
Search Radius (km): .25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
34	4 of 6	ENE/76.9	237.9	MENASHA PACKAGING CANADA L.P. 12315 COLERAINE DRIVE BOLTON ON L7E 3B4	GEN

Generator No.: ON9647998
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 493110
SIC Description: GENERAL WAREHOUSING AND STORAGE

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

--Details--
Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 262
Waste Description: DETERGENTS/SOAPS

---

34 **5 of 6** **ENE/76.9** **237.9** **MENASHA PACKAGING CANADA L.P.**
12315 COLERAINE DRIVE
BOLTON ON L7E 3B4 **GEN**

Generator No.: ON9647998
Status: Registered
Approval Years: As of Jun 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No.:
Country: Canada
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 212 B
Waste Description: Aliphatic solvents and residues

Waste Code: 331 I
Waste Description: Waste compressed gases including cylinders

Waste Code: 262 L
Waste Description: Detergents and soaps

---

34 **6 of 6** **ENE/76.9** **237.9** **MENASHA PACKAGING CANADA L.P.**
12315 COLERAINE DRIVE
BOLTON ON L7E 3B4 **GEN**

Generator No.: ON9647998
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 493110
SIC Description: GENERAL WAREHOUSING AND STORAGE
PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 262
Waste Description: DETERGENTS/SOAPS

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

---

35 **1 of 1** **NE/91.5** **238.9** **lot 2 con 6**
ON **WWIS**

Well ID: 4904901
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Lot: 002
Concession: 06
Concession Name: CON
Easting NAD83:
Northing NAD83:

Specific Capacity: ***Zone:***
Municipality: CALEDON TOWN (ALBION) ***UTM Reliability:***
County: PEEL

Bore Hole Information
-- --
Bore Hole ID: 10319669
DP2BR:
Code OB: o
Code OB Description: Overburden
Open Hole:
Date Completed: 27-JUN-76
Remarks:
Zone: 17
East 83: 603214.6
North 83: 4855723
UTMRC: 5
UTMRC Description: margin of error : 100 m - 300 m
Location Method: p5
Org CS:
Elevation: 239.41
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: 932047653
Layer: 1
General Color: BROWN
Most Common Material: TOPSOIL
Other Materials:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 8
Formation End Depth UOM: ft
-- --
Formation ID: 932047654
Layer: 2
General Color: GREY
Most Common Material: CLAY
Other Materials: SAND
Other Materials:
Formation Top Depth: 8
Formation End Depth: 75
Formation End Depth UOM: ft
-- --
Method of Construction & Well Use
-- --
Method Construction ID: 964904901
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:
-- --
Pipe Information
-- --
Pipe ID: 10868239
Casing Number: 1
Comment:

Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930527610
Layer:	1
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	75
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	994904901
Pump Set At:	
Static Level:	15
Final Level After Pumping:	74
Recommended Pump Depth:	70
Pumping Rate:	7
Flowing Rate:	
Recommended Pump Rate:	7
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933792931
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75
Water Found Depth UOM:	ft
--	--
--	--

36 ***1 of 1*** ***ESE/101.5*** ***234.9*** ***lot 2 con 6 ON*** ***WWIS***

Well ID:	4904518	***Lot:***	002
Construction Date:		***Concession:***	06
Primary Water Use:	Domestic	***Concession Name:***	CON
Sec. Water Use:		***Easting NAD83:***	
Final Well Status:	Water Supply	***Northing NAD83:***	
Specific Capacity:		***Zone:***	
Municipality:	CALEDON TOWN (ALBION)	***UTM Reliability:***	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	10319300
DP2BR:	
Code OB:	o
Code OB Description:	Overburden
Open Hole:	
Date Completed:	19-AUG-74
Remarks:	
Zone:	17

East 83:	603610.6
North 83:	4855193
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	234.09
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:	932046077
Layer:	1
General Color:	BROWN
Most Common Material:	TOPSOIL
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft
--	--
Formation ID:	932046078
Layer:	2
General Color:	GREY
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	38
Formation End Depth UOM:	ft
--	--
Formation ID:	932046079
Layer:	3
General Color:	
Most Common Material:	COARSE SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	38
Formation End Depth:	40
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	964904518
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10867870
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--

Casing ID:	930527138
Layer:	1
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	40
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	994904518
Pump Set At:	
Static Level:	12
Final Level After Pumping:	38
Recommended Pump Depth:	38
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	2
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933792550
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	40
Water Found Depth UOM:	ft
--	--
--	--

37 ***1 of 1*** ***NNW/125.5*** ***239.9*** ***lot 3 con 5 CALEDON ON*** ***WWIS***

Well ID:	7111706	***Lot:***	003
Construction Date:		***Concession:***	05
Primary Water Use:	Not Used	***Concession Name:***	
Sec. Water Use:		***Easting NAD83:***	
Final Well Status:	Abandoned-Other	***Northing NAD83:***	
Specific Capacity:		***Zone:***	
Municipality:	CALEDON TOWN (CALEDON TWP)	***UTM Reliability:***	
County:	PEEL		

Bore Hole Information

--	--
Bore Hole ID:	1001803768
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	05-SEP-08
Remarks:	
Zone:	17
East 83:	602511
North 83:	4856044
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m

Location Method:	wwr
Org CS:	UTM83
Elevation:	240.02
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:	1001824785
Layer:	
General Color:	
Most Common Material:	
Other Materials:	
Other Materials:	
Formation Top Depth:	
Formation End Depth:	
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1001824787
Layer:	1
Plug From:	0
Plug To:	.91
Plug Depth UOM:	m
--	--
Plug ID:	1001824788
Layer:	2
Plug From:	.91
Plug To:	1.21
Plug Depth UOM:	m
--	--
Plug ID:	1001824789
Layer:	3
Plug From:	1.21
Plug To:	3.35
Plug Depth UOM:	m
--	--
Plug ID:	1001824790
Layer:	4
Plug From:	3.35
Plug To:	3.65
Plug Depth UOM:	m
--	--
Plug ID:	1001824791
Layer:	5
Plug From:	3.65
Plug To:	4.87
Plug Depth UOM:	m
--	--
Plug ID:	1001824792
Layer:	6
Plug From:	4.87
Plug To:	5.18
Plug Depth UOM:	m
--	--
Plug ID:	1001824793
Layer:	7

Plug From:	5.18
Plug To:	8.53
Plug Depth UOM:	m
--	--
Plug ID:	1001824794
Layer:	8
Plug From:	8.53
Plug To:	8.83
Plug Depth UOM:	m
--	--
Plug ID:	1001824795
Layer:	9
Plug From:	8.83
Plug To:	11.58
Plug Depth UOM:	m
--	--
Plug ID:	1001824796
Layer:	10
Plug From:	11.58
Plug To:	11.88
Plug Depth UOM:	m
--	--
Plug ID:	1001824797
Layer:	11
Plug From:	11.88
Plug To:	15.84
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1001824802
Method Construction Code:	
Method Construction:	
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1001824783
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1001824799
Layer:	1
Open Hole or Material:	CONCRETE
Depth From:	0
Depth To:	15.84
Casing Diameter:	76.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1001824800
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	
Screen Diameter UOM:	
Screen Diameter:	

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

--	--
Well Yield Testing	
--	--
Pump Test ID:	1001824784
Pump Set At:	
Static Level:	7.62
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	
--	--
Hole Diameter	
--	--
Hole ID:	1001824786
Diameter:	76.2
Depth From:	0
Depth To:	15.84
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

38	1 of 1	ENE/151.9	236.9	**TEKNAFORM INC.** **180 PARR BLVD** **BOLTON ON L7E 4E6**	EASR

Approval No:	R-003-1536581920
Project Type:	Heating System
Date:	11/2/2015 10:53:16 AM
Status:	REGISTERED
Longitude:	-79.7125
Latitude:	43.84555556
Record Type:	EASR
PDF URL:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2017640

39	1 of 1	ENE/154.0	236.9	**Teknaform Inc.** **180 Parr Boulevard Caledon Regional Municipality of Peel TOWN OF CALEDON ON**	EBR

Company Name:	Teknaform Inc.
Year:	2016
Notice Type:	Instrument Decision
EBR Registry No.:	012-6692
Instrument Type:	(EPA Part II.1-air) - Environmental Compliance Approval (project type: air)
Proposal Date:	February 04, 2016
Ministry Ref. No.:	0219-A6HRNQ
Location:	180 Parr Boulevard Caledon Regional Municipality of Peel TOWN OF CALEDON
Proponent Address:	180 Parr boulevard, Caledon Ontario, Canada L7E 4E6
Notice Date:	July 05, 2017

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
40	1 of 1	SE/158.4	230.9	Part Lot 2 Con 6 Bolton ON	EHS

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20061019008
Addit. Info Ordered:: Fire Insur. Maps And /or Site Plans
Report Date: 10/24/2006
Report Type: Custom Report
Search Radius (km): 0.15

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
41	1 of 2	NNW/163.5	240.9	Road & Rail Equipment Technologies 12623 Coleraine Dr Bolton ON L7E 3B5	GEN

Generator No.: ON8159251
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 482114
SIC Description: 482114

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

--Details--
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
41	2 of 2	NNW/163.5	240.9	Road & Rail Equipment Technologies 12623 Coleraine Dr Bolton ON L7E 3B5	GEN

Generator No.: ON8159251
Status: Registered
Approval Years: As of Jun 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

--Details--
Waste Code: 221 I
Waste Description: Light fuels

Waste Code: 213 T
Waste Description: Petroleum distillates

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

Waste Code: 213 L
Waste Description: Petroleum distillates

Waste Code: 212 L
Waste Description: Aliphatic solvents and residues

Waste Code: 252 L
Waste Description: Waste crankcase oils and lubricants

Waste Code: 251 L
Waste Description: Waste oils/sludges (petroleum based)

---

42 **1 of 11** **NNW/177.6** **240.9** **12667 Coleraine Dr., Lot 4, Con. 6 Caledon ON** **CA**

Certificate #: 5534-4K5GGS
Application Year: 00
Issue Date: 6/13/00
Approval Type: Industrial air
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Naizil Inc.
Client Address:: 6 Marconi Court
Client City:: Caledon
Client Postal Code:: L7E 1H3
Project Description:: Nazil Inc. manufactures PVC Coated Fabrics. The company is relocating in Bolton and the following installation is planned through an application for a certificate of approval:Twelve (12) exhaust stacks venting pvc vappours to the atmosphere and four (4) exhaust fans discharging liquid vapours to the atmosphere.
Contaminants::
Emission Control::

---

42 **2 of 11** **NNW/177.6** **240.9** **Naizil Inc. Lot:4 Concession:6 Caledon ON** **EBR**

Company Name:
Year: 2010
Notice Type: Instrument Proposal
EBR Registry No.: 011-0937
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Proposal Date: August 16, 2010
Ministry Ref. No.: 4369-87KQAS
Location: Caledon, Regional Municipality of Peel L7E 5T2 Lot:4 Concession:6
Proponent Address: 12667 Coleraine Drive Post Office Box Delivery 250 Bolton Ontario Canada L7E 5R9
Notice Date:

---

42 **3 of 11** **NNW/177.6** **240.9** **Naizil Inc. 12667 Coleraine Dr. Caledon ON** **EBR**

Company Name:
Year: 2000
Notice Type: Instrument
EBR Registry No.: IA00E0520
Instrument Type: EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air)
Proposal Date: 3/21/00
Ministry Ref. No.:
Location: 12667 Coleraine Dr., Lot 4, Con. 6,Caledon, Ontario, L7E 1H3Caledon
Proponent Address: Naizil Inc.6 Marconi Court,Caledon, Ontario, L7E 1H3
Notice Date:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
42	4 of 11	NNW/177.6	240.9	Naizil Inc. Bolton Caledon ON	ECA

Approval No: 9985-8PRR7S
Project Type: Air/Noise
Date: 7/24/2012
Status: Approved
Longitude:
Latitude:
Record Type:
PDF URL:
Full Address:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
42	5 of 11	NNW/177.6	240.9	NAIZIL INC. 12667 COLERAINE DRIVE BOLTON ON L7E 3B5	GEN

Generator No.: ON2604800
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 313320, 325510
SIC Description: Fabric Coating, Paint and Coating Manufacturing

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

--Details--
Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 268
Waste Description: AMINES

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 232
Waste Description: POLYMERIC RESINS

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
42	6 of 11	NNW/177.6	240.9	NAIZIL INC. 12667 COLERAINE DRIVE BOLTON ON L7E 3B5	GEN

Generator No.: ON2604800
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 313320, 325510
SIC Description: Fabric Coating, Paint and Coating Manufacturing

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

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

--Details--
Waste Code: 232
Waste Description: POLYMERIC RESINS

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 268
Waste Description: AMINES

---

42 ***7 of 11*** ***NNW/177.6*** ***240.9*** ***NAIZIL INC.***
12667 COLERAINE DRIVE
BOLTON ON L7E 5R9 ***GEN***

Generator No.: ON2604800
Status:
Approval Years: 02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 232
Waste Description: POLYMERIC RESINS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 268
Waste Description: AMINES

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42 ***8 of 11*** ***NNW/177.6*** ***240.9*** ***NAIZIL INC.***
12667 COLERAINE DRIVE
BOLTON ON L7E 3B5 ***GEN***

Generator No.: ON2604800
PO Box No.:

Status:		**Country:**	
Approval Years:	2009	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No. Admin:**	
SIC Code:	313320, 325510		
SIC Description:	Fabric Coating, Paint and Coating Manufacturing		

--Details--

Waste Code:	146
Waste Description:	OTHER SPECIFIED INORGANICS
Waste Code:	148
Waste Description:	INORGANIC LABORATORY CHEMICALS
Waste Code:	232
Waste Description:	POLYMERIC RESINS
Waste Code:	251
Waste Description:	OIL SKIMMINGS & SLUDGES
Waste Code:	252
Waste Description:	WASTE OILS & LUBRICANTS
Waste Code:	263
Waste Description:	ORGANIC LABORATORY CHEMICALS
Waste Code:	268
Waste Description:	AMINES

---

42 | **9 of 11** | **NNW/177.6** | **240.9** | **NAIZIL COATED FABRICS**
12667 COLEAINE DRIVE
BOLTON ON L7E 5T2 | **GEN**

Generator No.:	ON2604800	**PO Box No.:**	
Status:		**Country:**	
Approval Years:	00,01	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No. Admin:**	
SIC Code:	1699		
SIC Description:	OTHER PLASTIC PROD.		

--Details--

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

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42 | **10 of 11** | **NNW/177.6** | **240.9** | **Naizil Inc.**
12667 Coleraine Dr
Bolton ON L7E 3B5 | **SCT**

Established:	01-JUL-80
Plant Size (ft²):	40000
Employment:	

--Details--

Description:	Fabric Coating
SIC/NAICS Code:	313320

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
42	11 of 11	NNW/177.6	240.9	Naizil Inc. 12667 Colerine Dr Bolton ON L7E 5R9	SCT

Established: 1980
Plant Size (ft²): 40000
Employment: 24

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
43	1 of 7	NNW/195.9	240.9	Naizil Inc. 12667 Coleraine Dr., Lot 4, Con. 6 Caledon ON L7E 1H3	ECA

Approval No: 5534-4K5GGS
Project Type: Air
Date: 6/13/2000
Status: Revoked and/or Replaced
Longitude:
Latitude:
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/3111-4HMK53-14.pdf
Full Address:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
43	2 of 7	NNW/195.9	240.9	NAIZIL INC. 12667 COLERAINE DRIVE BOLTON ON L7E 3B5	GEN

Generator No.: ON2604800
Status: Registered
Approval Years: As of Jun 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

--Details--
Waste Code: 233 I
Waste Description: Other polymeric wastes

Waste Code: 252 L
Waste Description: Waste crankcase oils and lubricants

Waste Code: 212 H
Waste Description: Aliphatic solvents and residues

Waste Code: 263 L
Waste Description: Misc. waste organic chemicals

Waste Code: 263 A
Waste Description: Misc. waste organic chemicals

Waste Code: 268 L
Waste Description: Amines

Waste Code: 232 B
Waste Description: Polymeric resins

Waste Code: 265 I
Waste Description: Graphic arts wastes

Waste Code: 232 L

Waste Description: Polymeric resins

Waste Code: 148 L
Waste Description: Misc. wastes and inorganic chemicals

---

43 **3 of 7** **NNW/195.9** **240.9** **NAIZIL INC.** **GEN**
12667 COLERAINE DRIVE
BOLTON ON L7E 3B5

Generator No.: ON2604800
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 313320, 325510
SIC Description: FABRIC COATING, PAINT AND COATING MANUFACTURING

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Frank Petizian
Phone No. Admin: 905-857-6633 Ext.223

--Details--
Waste Code: 232
Waste Description: POLYMERIC RESINS

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 268
Waste Description: AMINES

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 265
Waste Description: GRAPHIC ART WASTES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

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43 **4 of 7** **NNW/195.9** **240.9** **NAIZIL INC.** **GEN**
12667 COLERAINE DRIVE
BOLTON ON L7E 3B5

Generator No.: ON2604800
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 313320, 325510
SIC Description: FABRIC COATING, PAINT AND COATING MANUFACTURING

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Frank Petizian
Phone No. Admin: 905-857-6633 Ext.223

--Details--
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 265
Waste Description: GRAPHIC ART WASTES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 232
Waste Description: POLYMERIC RESINS

Waste Code: 268
Waste Description: AMINES

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

43	5 of 7	NNW/195.9	240.9	**NAIZIL INC.** **12667 COLERAINE DRIVE** **BOLTON ON L7E 3B5**	GEN

Generator No.: ON2604800
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 313320, 325510
SIC Description: FABRIC COATING, PAINT AND COATING MANUFACTURING

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Frank Petizian
Phone No. Admin: 905-857-6633 Ext.223

--Details--

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 268
Waste Description: AMINES

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 233
Waste Description: OTHER POLYMERIC WASTES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 232
Waste Description: POLYMERIC RESINS

Waste Code: 265
Waste Description: GRAPHIC ART WASTES

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

---

43 **6 of 7** **NNW/195.9** **240.9** **NAIZIL INC.** **GEN**
12667 COLERAINE DRIVE
BOLTON ON

Generator No.: ON2604800 **PO Box No.:**
Status: **Country:**
Approval Years: 2013 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No. Admin:**
SIC Code: 313320, 325510
SIC Description: FABRIC COATING, PAINT AND COATING MANUFACTURING

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

Waste Code: 232
Waste Description: POLYMERIC RESINS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 268
Waste Description: AMINES

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 265
Waste Description: GRAPHIC ART WASTES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

---

43 **7 of 7** **NNW/195.9** **240.9** **NAIZIL INC.** **GEN**
12667 COLERAINE DRIVE
BOLTON ON L7E 5R9

Generator No.: ON2604800 **PO Box No.:**
Status: **Country:**
Approval Years: 2012 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No. Admin:**
SIC Code: 313320, 325510
SIC Description: Fabric Coating, Paint and Coating Manufacturing

--Details--
Waste Code: 232
Waste Description: POLYMERIC RESINS

Waste Code: 252

Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 268
Waste Description: AMINES

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

---

44 **1 of 1** **NNW/209.7** **240.9** **BOLTON ON** **WWIS**

Well ID: 7154099
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use:
Final Well Status: Monitoring and Test Hole
Specific Capacity:
Municipality: CALEDON TOWN (ALBION)
County: PEEL

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

Bore Hole Information
-- --
Bore Hole ID: 1003362543
DP2BR:
Code OB:
Code OB Description:
Open Hole:
Date Completed: 20-OCT-10
Remarks:
Zone: 17
East 83: 602592
North 83: 4856262
UTMRC: 3
UTMRC Description: margin of error : 10 - 30 m
Location Method: wwr
Org CS: UTM83
Elevation: 240.8
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: 1003482173
Layer: 1
General Color: BROWN
Most Common Material: SAND
Other Materials: SILT
Other Materials: LOOSE

Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft
--	--
Formation ID:	1003482174
Layer:	2
General Color:	GREY
Most Common Material:	CLAY
Other Materials:	SILT
Other Materials:	DENSE
Formation Top Depth:	10
Formation End Depth:	20
Formation End Depth UOM:	ft
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1003482176
Layer:	1
Plug From:	0
Plug To:	9
Plug Depth UOM:	ft
--	--
Plug ID:	1003482177
Layer:	2
Plug From:	9
Plug To:	20
Plug Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1003482183
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	DIRECT PUSH
--	--
Pipe Information	
--	--
Pipe ID:	1003482172
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1003482179
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	10
Casing Diameter:	1.5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1003482180
Layer:	1
Slot:	10
Screen Top Depth:	10
Screen End Depth:	20
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch

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

Screen Diameter:	1.78
--	--
Hole Diameter	
--	--
Hole ID:	1003482175
Diameter:	3.23
Depth From:	0
Depth To:	20
Hole Depth UOM:	ft
Hole Diameter UOM:	inch
--	--
--	--

---

45 **1 of 1** **NNW/231.7** **240.9** **FSI Culvert Inc.** **SCT**

Bolton ON

Established:	
Plant Size (ft²):	
Employment:	4

--Details--

Description:	Other Ornamental and Architectural Metal Products Manufacturing
SIC/NAICS Code:	332329

---

46 **1 of 1** **NNW/236.6** **240.9** **ON** **BORE**

Borehole ID:	590342	**Type:**	Outcrop
Use:		**Status::**	Unknown
Drill Method::		**UTM Zone::**	17
Easting::	602562	**Northing::**	4856273
Location Accuracy::		**Orig. Ground Elev m::**	240
Elev. Reliability Note::		**DEM Ground Elev m::**	240
Total Depth m::	.9	**Primary Name::**	OGS-OLW-62-710
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::		**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218340117	**Top Depth(m):**	0.0
Bottom Depth(m):	0.9	**Stratum Desc:**	Di si

---

47 **1 of 1** **N/259.1** **240.9** **44 Simpson Road**
Bolton ON **EHS**

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20140521088
Addit. Info Ordered::	
Report Date:	16-JUN-14
Report Type:	Custom Report
Search Radius (km):	.25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
48	1 of 6	E/271.5	234.9	4-Way Metal Fabricators Ltd 161 Parr Blvd Bolton ON L7E 2Z8	GEN

Generator No.: ON9367455
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 331110
SIC Description: IRON AND STEEL MILLS AND FERRO-ALLOY MANUFACTURING

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Judy Payne
Phone No. Admin: 905-857-3739 Ext.

--Details--
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
48	2 of 6	E/271.5	234.9	4-Way Metal Fabricators Ltd 161 Parr Blvd Bolton ON L7E 2Z8	GEN

Generator No.: ON9367455
Status: Registered
Approval Years: As of Jun 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

--Details--
Waste Code: 145 B
Waste Description: Wastes from the use of pigments, coatings and paints

---

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
48	3 of 6	E/271.5	234.9	4-Way Metal Fabricators Ltd 161 Parr Blvd Bolton ON L7E 2Z8	GEN

Generator No.: ON9367455
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 331110
SIC Description: IRON AND STEEL MILLS AND FERRO-ALLOY MANUFACTURING

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Judy Payne
Phone No. Admin: 905-857-3739 Ext.

--Details--
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
48	4 of 6	E/271.5	234.9	4-Way Metal Fabricators Ltd 161 Parr Blvd Bolton ON L7E 2Z8	GEN

Generator No.: ON9367455
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 331110

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Judy Payne
Phone No. Admin: 905-857-3739 Ext.

SIC Description: IRON AND STEEL MILLS AND FERRO-ALLOY MANUFACTURING

--Details--
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

---

48 ***5 of 6*** ***E/271.5*** ***234.9*** ***4-Way Metal Fabricators Ltd*** ***GEN***
161 Parr Blvd
Bolton ON

Generator No.: ON9367455 ***PO Box No.:***
Status: ***Country:***
Approval Years: 2012 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No. Admin:***
SIC Code: 331110
SIC Description: Iron and Steel Mills and Ferro-Alloy Manufacturing

---

48 ***6 of 6*** ***E/271.5*** ***234.9*** ***4-Way Metal Fabricators Ltd*** ***GEN***
161 Parr Blvd
Bolton ON

Generator No.: ON9367455 ***PO Box No.:***
Status: ***Country:***
Approval Years: 2013 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No. Admin:***
SIC Code: 331110
SIC Description: IRON AND STEEL MILLS AND FERRO-ALLOY MANUFACTURING

--Details--
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

---

49 ***1 of 1*** ***N/278.1*** ***239.9*** ***12557 Coleraine Drive*** ***EHS***
Caledon ON

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20141007009
Addit. Info Ordered::
Report Date: 10-OCT-14
Report Type: Custom Report
Search Radius (km): .25

---

50 ***1 of 1*** ***NNW/279.8*** ***240.7*** ***lot 4 con 6*** ***WWIS***
Caledon ON

Well ID: 7221648 ***Lot:*** 004
Construction Date: ***Concession:*** 06
Primary Water Use: ***Concession Name:*** CON
Sec. Water Use: ***Easting NAD83:***
Final Well Status: Abandoned-Other ***Northing NAD83:***
Specific Capacity: ***Zone:***

Municipality:	CALEDON TOWN (ALBION)	***UTM Reliability:***	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	1004820478
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	29-MAY-14
Remarks:	
Zone:	17
East 83:	602527
North 83:	4856300
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:	1005177516
Layer:	
General Color:	
Most Common Material:	
Other Materials:	
Other Materials:	
Formation Top Depth:	
Formation End Depth:	
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1005177522
Layer:	1
Plug From:	0
Plug To:	2.2
Plug Depth UOM:	m
--	--
Plug ID:	1005177523
Layer:	2
Plug From:	2.2
Plug To:	2.8
Plug Depth UOM:	m
--	--
Plug ID:	1005177524
Layer:	3
Plug From:	2.8
Plug To:	20.1
Plug Depth UOM:	m
--	--
Plug ID:	1005177525
Layer:	4
Plug From:	20.1

Plug To:	20.7
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1005177521
Method Construction Code:	
Method Construction:	
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1005177515
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1005177519
Layer:	1
Open Hole or Material:	CONCRETE
Depth From:	0
Depth To:	20.7
Casing Diameter:	90
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1005177520
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	
--	--
Hole Diameter	
--	--
Hole ID:	1005177517
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

51 | ***1 of 1*** | ***NNW/282.9*** | ***241.9*** | ***BOLTON ON*** | ***WWIS***

Well ID:	7154097	**Lot:**	
Construction Date:		**Concession:**	
Primary Water Use:	Monitoring and Test Hole	**Concession Name:**	
Sec. Water Use:		**Easting NAD83:**	
Final Well Status:	Monitoring and Test Hole	**Northing NAD83:**	
Specific Capacity:		**Zone:**	
Municipality:	CALEDON TOWN (ALBION)	**UTM Reliability:**	
County:	PEEL		

Bore Hole Information	
--	--
Bore Hole ID:	1003362539
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	20-OCT-10
Remarks:	
Zone:	17
East 83:	602687
North 83:	4856372
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	242.08
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:	1003482147
Layer:	1
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	SILT
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft
--	--
Formation ID:	1003482148
Layer:	2
General Color:	GREY
Most Common Material:	CLAY
Other Materials:	SILT
Other Materials:	DENSE
Formation Top Depth:	10
Formation End Depth:	20
Formation End Depth UOM:	ft
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1003482150
Layer:	1
Plug From:	0
Plug To:	9
Plug Depth UOM:	ft
--	--
Plug ID:	1003482151
Layer:	2
Plug From:	9
Plug To:	20
Plug Depth UOM:	ft
--	--
Method of Construction & Well Use	

--	--
Method Construction ID:	1003482157
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	DIRECT PUSH
--	--
Pipe Information	
--	--
Pipe ID:	1003482146
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1003482153
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	10
Casing Diameter:	1.5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1003482154
Layer:	1
Slot:	10
Screen Top Depth:	10
Screen End Depth:	20
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.78
--	--
Hole Diameter	
--	--
Hole ID:	1003482149
Diameter:	3.25
Depth From:	0
Depth To:	20
Hole Depth UOM:	ft
Hole Diameter UOM:	inch
--	--
--	--

52	***1 of 3***	***NNW/295.1***	***240.9***	***Quantum Limousine Service Inc*** ***12691 Coleraine Drve*** ***Bolton ON L7E 3B5***	***GEN***

Generator No.:	ON5715729	***PO Box No.:***	
Status:	Registered	***Country:***	Canada
Approval Years:	As of Jun 2017	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No. Admin:***	
SIC Code:			
SIC Description:			

--Details--

Waste Code:	252 L
Waste Description:	Waste crankcase oils and lubricants

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

Waste Code: 212 L
Waste Description: Aliphatic solvents and residues

---

52 **2 of 3** **NNW/295.1** **240.9** **Quantum Limousine Service Inc** **GEN**
12691 Coleraine Drve
Bolton ON

Generator No.: ON5715729
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 485510, 485320
SIC Description: Charter Bus Industry, Limousine Service
PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

---

52 **3 of 3** **NNW/295.1** **240.9** **Quantum Limousine Service Inc** **GEN**
12691 Coleraine Drve
Bolton ON

Generator No.: ON5715729
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 485510, 485320
SIC Description:
PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Unplottable Summary

Total: 15 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	BRYAN HOLDINGS INC.	ST.A/COLERAINE DR/PH.1	CALEDON ON	
CA	GWL Realty Advisors Inc.		Caledon ON	
CA	The Corporation of the Town of Caledon	Coleraine Drive	Caledon ON	
CA	The Regional Municipality of Peel	Coleraine Drive	Caledon ON	
CA	GWL Realty Advisors Inc.		Caledon ON	
CA		Mayfield Road	Caledon ON	
ECA	Mayfield Road Portfolio Inc.	Mayfield Rd	Caledon ON	M3K 1N4
ECA	The Corporation of the Town of Caledon	Coleraine Drive	Caledon ON	L7C 1J6
ECA	The Regional Municipality of Peel	Coleraine Drive	Caledon ON	L6T 4B9
ECA	The Regional Municipality of Peel	Coleraine Drive	Caledon ON	L6T 3Y3
GEN	Town of Caledon	Part Lot 4, Plan 43M	Caledon ON	
SPL		Humber Station Road, north of King St.	Caledon ON	
SPL	G Kang Transport<UNOFFICIAL>	Coleranine Rd, Just N of Mayfield Rd	Caledon ON	
SPL	ONTARIO HYDRO	EAST 1/2 LOT 3, CONC. VI, ALBION TWP. MOTOR VEHICLE (OPERATING FLUID)	CALEDON TOWN ON	
SPL	STRUCTURAL FIRE (N.O.S.)	BARN AT HUMBER STATION RD, N. OF MAYFIELD RD.	CALEDON TOWN ON	

Unplottable Report

Site: ***BRYAN HOLDINGS INC.***
ST.A/COLERAINE DR/PH.1 CALEDON ON

Database: ***CA***

Certificate #: 7-0695-98-
Application Year: 98
Issue Date: 7/24/1998
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***GWL Realty Advisors Inc.***
Caledon ON

Database: ***CA***

Certificate #: 1196-778PUP
Application Year: 2007
Issue Date: 9/24/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***The Corporation of the Town of Caledon***
Coleraine Drive Caledon ON

Database: ***CA***

Certificate #: 9610-73UNTS
Application Year: 2007
Issue Date: 6/17/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***The Regional Municipality of Peel***
Coleraine Drive Caledon ON

Database: ***CA***

Certificate #: 5338-6SWHT6
Application Year: 2006

Issue Date: 8/25/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***GWL Realty Advisors Inc.***
Caledon ON

Database: ***CA***

Certificate #: 2443-7CVJY9
Application Year: 2008
Issue Date: 4/22/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site:
Mayfield Road Caledon ON

Database: ***CA***

Certificate #: 3357-56AJB5
Application Year: 02
Issue Date: 1/17/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: The Corporation of the Regional Municipality of Peel
Client Address:: 10 Peel Centre Drive, Fourth Floor
Client City:: Brampton
Client Postal Code:: L6T 4B9
Project Description:: This application is for approval to install a watermain on Mayfield Road
Contaminants::
Emission Control::

Site: ***Mayfield Road Portfolio Inc.***
Mayfield Rd Caledon ON M3K 1N4

Database: ***ECA***

Approval No: 5859-96UQU5
Project Type: Municipal and Private Sewage Works
Date: 4/30/2013 5:49:59 PM
Status: Revoked and/or Replaced
Longitude:
Latitude:
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/5271-96TLGJ-14.pdf
Full Address:

Site: ***The Corporation of the Town of Caledon***
Coleraine Drive Caledon ON L7C 1J6

Database: ***ECA***

Approval No: 9610-73UNTS

Project Type: Municipal and Private Sewage Works
Date: 6/17/2007 7:29:17 PM
Status: Approved
Longitude:
Latitude:
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/6054-73JLM7-14.pdf
Full Address:

Site: ***The Regional Municipality of Peel***
Coleraine Drive Caledon ON L6T 4B9

Database: ***ECA***

Approval No: 9751-5PZJNN
Project Type: Municipal Drinking Water Systems
Date: 8/5/2003 9:42:57 AM
Status: Approved
Longitude:
Latitude:
Record Type: ECA
PDF URL:
Full Address:

Site: ***The Regional Municipality of Peel***
Coleraine Drive Caledon ON L6T 3Y3

Database: ***ECA***

Approval No: 5338-6SWHT6
Project Type: Municipal and Private Sewage Works
Date: 8/25/2006 4:13:05 PM
Status: Approved
Longitude:
Latitude:
Record Type: ECA
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/3445-6S2L6D-14.pdf
Full Address:

Site: ***Town of Caledon***
Part Lot 4, Plan 43M Caledon ON

Database: ***GEN***

Generator No.: ON9296314
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

--Details--
Waste Code: 221
Waste Description: LIGHT FUELS

Site:
Humber Station Road, north of King St. Caledon ON

Database: ***SPL***

Ref No: 0182-6CGPEV
Contaminant Code:
Contaminant Name: DIESEL FUEL
Contaminant Quantity:
Incident Cause: Discharge Or Bypass To A Watercourse
Incident Dt: 5/17/2005
Incident Reason:
Incident Summary: Diesel to Hopefull Creek, Caledon, cleaned up
MOE Reported Dt: 5/17/2005
Environmental Impact: Not Anticipated

Nature of Impact: Surface Water Pollution
Receiving Medium: Land
SAC Action Class: Spills to Watercourses
Sector Source Type: Unknown
Receiving Environment:
Incident Event:
Site Municipality: Caledon

Site: ***G Kang Transport<UNOFFICIAL>***
Coleranine Rd, Just N of Mayfield Rd Caledon ON

Database: ***SPL***

Ref No: 6722-8RQUAU
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Quantity:
Incident Cause: Tank (Above Ground) Leak
Incident Dt: 22-FEB-12
Incident Reason:
Incident Summary: G. Kang Transport: diesel and oil to flowing ditch
MOE Reported Dt: 22-FEB-12
Environmental Impact: Confirmed
Nature of Impact: Soil Contamination; Surface Water Pollution
Receiving Medium: Sewage - Municipal/Private and Commercial
SAC Action Class: Watercourse Spills
Sector Source Type: Transport Truck
Receiving Environment:
Incident Event:
Site Municipality: Caledon

Site: ***ONTARIO HYDRO***
EAST 1/2 LOT 3, CONC. VI, ALBION TWP. MOTOR VEHICLE (OPERATING FLUID) CALEDON TOWN ON

Database: ***SPL***

Ref No: 74240
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: PIPE/HOSE LEAK
Incident Dt: 7/27/1992
Incident Reason: EQUIPMENT FAILURE
Incident Summary: ONTARIO HYDRO -45.5 L. HYDRAULIC OIL TO GRD. FROM BROKEN HOSE ON TRUCK
MOE Reported Dt: 7/27/1992
Environmental Impact: CONFIRMED
Nature of Impact: Soil contamination
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 21401

Site: ***STRUCTURAL FIRE (N.O.S.)***
BARN AT HUMBER STATION RD, N. OF MAYFIELD RD. CALEDON TOWN ON

Database: ***SPL***

Ref No: 145996
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Dt: 9/3/1997
Incident Reason: FIRE/EXPLOSION
Incident Summary: ABANDONNED BARN- ONGOING FIRE. LOTS OF TIRES IN BARN.
MOE Reported Dt: 9/3/1997
Environmental Impact: CONFIRMED
Nature of Impact: Air Pollution
Receiving Medium: AL

SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 21401

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-Nov 2016

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: 1999-May 2017

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: Feb 28, 2017

Chemical Register: Private CHEM

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

Government Publication Date: 1999-May 2017

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-Jul 2017

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Jul 2017

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-Mar 2017

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Jul 2017

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-Mar 2017

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

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

Government Publication Date: Dec 31, 2016

List of TSSA Expired Facilities: Provincial EXP

List of facilities with removed tanks which were once registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Feb 28, 2017

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Mar 2017

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: Feb 28, 2017

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Jun 2017

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 2015

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of 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: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: 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 2017

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 Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008 - Dec 2016

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-May 2017

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-Jul 2017

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: 1988-Oct 2016

TSSA Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks: Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994-Jul 2017

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental 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-Jun 2017

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-May 2017

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Feb 2017

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

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Mar 31, 2017

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.

APPENDIX G

MOECC FOI Search Results

Ministry of the Environment and Climate Change

Freedom of Information and Protection of Privacy Office

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

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

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

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

Ontario

October 12, 2017

Grace Thompson
Pinchin Environmental Ltd.
6-875 Main St W, Suite 200
Hamilton, ON L8S 4R9

Dear Grace Thompson:

RE: *Freedom of Information and Protection of Privacy Act* Request
Our File #: A-2017-06523, Your Reference #: 210701

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 12400, 12490, 12592 Coleraine Dr, Caledon.

After a thorough search of the Ministry's Halton-Peel District Office, Investigations and Enforcement Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, records were located in response to your request. It is my decision to provide partial access to the attached information as the personal information of private individuals has been removed to protect privacy (Section 21(1)(f) of the Act).

In accordance with Section 57 of the Freedom of Information and Protection of Privacy Act, detailed below are our charges:

• Search Time 1 hour @ $30/hour	$ 30.00
• Copying 2 pages @ $0.20/page	$ 0.40
• Delivery	$ 3.00
• **Total**	**$ 33.40**
• Deposit Received	- $ 30.00
• **BALANCE WAIVED (NOT REQUIRED)**	**$ 3.40**

To conduct a search through the files of the Environmental Approvals Branch requires an additional 8 hours. If you would like us to search for Environmental Compliance Approvals/Certificates of Approval at the Environmental Approvals Branch (EAB), please forward to me at the above address payment by money order or cheque (made payable to the "Minister of Finance (FOI)") or by credit card in the amount of $240.00. Please note that there is no guarantee any records will be located responsive to your request. Credit card forms are available on the Ministry's website http://www.ontario.ca/environment-and-energy/freedom-information-request-form. Please note, a request for records must usually be answered within 30 calendar days, however Section 27 allows for time extensions under certain circumstances. If you choose to have the search conducted at the Environmental Approvals Branch, the time for answering your request will be extended for an additional 30 days.

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

If you have any questions regarding this matter, please contact Michael Kolaric at (416) 327-3016.

Yours truly,

Janet Dadufalza
FOI Manager

Attachments

Ontario

Ministry of the Environment

OCCURENCE REPORT

Location of Occurence: CALEDON TOWN 12592 COLERAINE DR, DITCH IN FRONT OF, BOLTON **Reg:** 3 **Dist:** HP **Municipality:** 21401		**Source:** UNKNOWN **Sector:** UK **Source:** UK **SIC:** **UTM:** **N:** [4829000] **E:** [586000] **Zone:** [17]	
Entered: 1999/09/08 19:46	**ORIS No.** 9900009032	**Abstracts:** 0	**Diaries:** 0
Received By: SYLVIA HOLLOWAY		**Batch:** 3258	**I. E. B. No.**
Occurence Type: S	**Subtype:** LW	**Occurence Date:**	
Work Plan:	WS	**Occurence Time:**	
Reported By: ELAINE GILLILAND REGION OF PEEL		**Report to MOE :** 1999/09/08 17:55 **MOE at Scene:**	
Telephone No. 905-791-7800 x	**Alternate No.** x	**Assigned To:**	DENIS GUIMOND
Address: MISSISSAUGA ON **Postal Code:**		**ERP Contacted:** **Callout:** [] **NSP:** [] **ERP Name:**	

Syn: UKN SRC-3 L OIL TO DITCH;TOWN CLEANING & MONITOR- ING FOR RE-OCCURENCE.

Brief Summary:
CALLER REPORTED THAT 2-3 L OF OIL, POSSIBLY MOTOR OIL, WAS FOUND THIS MORNING BY [redacted], CONFINED TO A WATER-FILLED DITCH, ABOVE LOCATION. REGION AND TOWN OF CALEDON W/D RESPONDED AND SKIMMED OIL WITH PADS AND BOOMS TO CLEAN. CALLER BELEIVES THAT THIS HAS HAPPENED BEFORE BECAUSE SIDES OF DITCH ARE STAINED ABOVE CURRENT STAIN; THE TOWN WILL BE SCRAPING UP THE CONTAMINATED SOIL AND VEGETATION WITH A GRADER ON FRIDAY 99/09/10 OR MONDAY 99/09/13 SO THAT ANY 'FRESH' OCCURENCES CAN BE EASILY NOTED BY BOTH THE REGION AND THE TOWN.

s.21

If there are related reports, record initial/master ORIS No. here >>

Followup Action: X Abatement IEB Other
BF Date:
HANDLED BY SAC, REGION & TOWN OF CALEDON WORKS DEPT. NO DISTRICT OFFICE INVOLMENT NOR FOLLOWUP AT THIS TIME.

File Closed: X Abatement: IEB Other
Suspected Violation:

Report Prepared By: DENIS GUIMOND	**Date:** 14/09/99	**IEB Investigator:**	**IEB BF Date**
Approving Officer DON BECKETT	**Date:** 14/09/99	**Reviewing Officer:**	**Date**

Specify number(s) for routing Original [ ] [ ] [ ] [ ] **Continued** [ ] **Yes**
Specify number(s) for copy distribution [ ] [ ] [ ] [ ] [ ] [ ]
1. Investigator/E.O. 2. D. O. /File 3. SAC (Initial spills)
4. Reg. Dir. /_____ Mgr. 5. IEB Reg. Spv 6. IEB H.O./file 7. Other _____

SAC Action Class: 1:10 2: 25

Material 1: MOTOR OIL **Amount :** 3 L	**Code :** 15 **UN No.:** 1993

Material 2:	**Code :**
Amount :	**UN No.:**
Material 3:	**Code :**
Amount :	**UN No.:**
Cause. . . . . :	**Code. . : 98**
Reason. . . . . :	**Code. . : 98**
Person in Control: UNKNOWN	**Waste GenNum :**
Owner . . . . . : UNKNOWN	**Waste GenNum :**
Agencies Involved . . . . : REGION OF PEEL, TOWN OF CALEDON	

Clean up and Restoration Carried out by:

[v] Controller	**[v] Owner**	**[N] Other** REGION PEEL, TOWN CALEDON
N	N	

% Cleaned up: 90 **Estimated Cost:**

Were Directions or Approval Given Under

EPA Part X [v]	**Regulation 362 [v]**	**Manifest No.**
N	N	

Waste Class :	**Code . . : 000**
Hauler :	**Code . . :**
Disposal Site :	**Code . . :**

Environmental Impact:	**Nature of Impact:**	
C	Water course or lake	**Code . . : 06**

People/Business Damaged

(Other than to Owner/Controller) : REGION PEEL, TOWN CALEDON

Nature of Damage: Cleanup/RESTORATION costs **Code . . : 03**

Ministry of the Environment and Climate Change

Freedom of Information and Protection of Privacy Office

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

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

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

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

Ontario

December 1, 2017

Grace Thompson
Pinchin Environmental Ltd.
6-875 Main St W, Suite 200
Hamilton, ON L8S 4R9

Dear Grace Thompson:

RE: ***Freedom of Information and Protection of Privacy Act* Request**
Our File # A-2017-06077, Your Reference 210701

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 12300 Coleraine Dr, Caledon.

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

To conduct a search through the files of the Environmental Approvals Branch requires an additional 8 hours. If you would like us to search for Environmental Compliance Approvals/Certificates of Approval at the Environmental Approvals Branch (EAB), please forward to me at the above address payment by money order or cheque (made payable to the "Minister of Finance (FOI)") or by credit card in the amount of $240.00. Please note that there is no guarantee any records will be located responsive to your request. Credit card forms are available on the Ministry's website http://www.ontario.ca/environment-and-energy/freedom-information-request-form. Please note, a request for records must usually be answered within 30 calendar days, however Section 27 allows for time extensions under certain circumstances. If you choose to have the search conducted at the Environmental Approvals Branch, the time for answering your request will be extended for an additional 30 days.

When remitting payment please quote our file number or attach a copy of this letter.

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

If you have any questions regarding this matter, please contact Michael Kolaric at 416-327-3036.

Yours truly,

Janet Dadufalza
FOI Manager

APPENDIX H

TSSA Search Results

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: 416 734 3300
Fax: 416 231 1626
Toll Free: 1 877 682 8772

www.tssa.org

Tel: (416) 734-3570
Fax: (416) 734-3568
Email: publicinformationservices@tssa.org

30 August 2017
File No: FS 63449

Grace Thompson
Project Coordinator
PINCHIN LTD.
6-875 Main Street West
Suite 200
HAMILTON ON L8S 4P9

Dear Madam:

RE: 12300 Coleraine Drive, Bolton, Ontario – Your Project No. 210701

This is with reference to your request and fee of $50.00 + HST, for information on the above location.

After a search of our files, TSSA has no record of any outstanding instructions, incident reports, fuel oil spills, or contamination records respecting the above-mentioned property.

We have no record of retail facilities or underground storage tanks licensed or registered at the above address.

TSSA cannot guarantee having information on sites that have not been licensed since 1987.

It should be noted that the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990 or furnace oil tanks prior to May 1, 2002. Also note that the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences etc. or ABOVEGROUND gas or diesel tanks.

Yours truly,

Roxana Suarez-Mashtaler
Public Information Services Agent

Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9 Fax: 416.231.4903
Customer Service: 1.877.682.8772
Email:publicinformationservices@tssa.org
www.tssa.org

Application for Release of Information
Issued under the Access and Privacy Code

Clear Form Print Form

A. CONTACT INFORMATION:

Name (Company/Individual)		
Pinchin Ltd. - Grace Thompson		
Suite/Unit No: 200	Street No : 6-875	Street Name: Main St. W.
City : Hamilton	Province: ON	Postal Code L8S 4P9
Primary Phone: 905-577-6206 ext: 1717	Secondary Phone: 905-308-6270	
Email gthompson@pinchin.com	Fax: 905-577-6207	

For Office Use Only
Date
Account No.
SR No.
P.I No:

B. TYPE OF RECORD REQUESTED: *Please check (√) appropriate exam.*

- ☐ Engineering Design/ Technical Dossier
- ☑ Inspection Reports
- ☑ Incident/Occurrence Report
- ☑ Fuel Tanks
- ☑ Environmental Reports
- ☐ Certificate/Licence
- ☐ Piping Registration
- ☐ MDR (Manufacturing Data Reports)
- ☐ Statutory Declaration for Fitting Registrations
- ☐ Welding Procedure
- ☐ Certificate of Inspection
- ☐ Other _____

C. PLEASE ANSWER ALL THAT APPLY:

Address of Subject Location (maximum of 5 locations / 5 individual records):

1) 12300 Coleraine Drive, Bolton, ON NR

2) _____

3) _____

4) _____

5) _____

*For more than 5 addresses, please attach additional pages.

Owner: _____ Device/equipment Type: _____

Installation Number: _____ Serial #: _____

CRN: _____ OIN: _____

Victim Name (in case of incident report): _____ Certificate Holder Name (if applicable): _____

Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9 Fax: 416.231.4903
Customer Service: 1.877.682.8772
Email:publicinformationservices@tssa.org
www.tssa.org

Application for Release of Information
Issued under the Access and Privacy Code

D. REASON FOR REQUEST:

we are completing an assessment for the owner

E. FEES & PAYMENT:

TSSA will provide a fee quote for multiple record requests, which must be approved by the Applicant before a record search commences. For fees for single searches, please refer to Fee Schedule Website Fee Schedule.pdf

Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9

METHOD OF PAYMENT

☐ Cheque or money order enclosed.
Please make payable to: Technical Standards and Safety Authority

Amount of Payment $ 56.50

☑ Charge my credit card: ☑ VISA ☐ MASTERCARD

Card# | | | | | | | | | | | | | | | |

Expiry Date | | |

In payment of _____

Name of Card Holder Donna Ballentyne _____ Client Tel. No. _____
First Name *Last Name*

Signature of Card Holder _____ Date _____
dd-mm-yyyy

F. TERMS AND CONDITIONS:

Please refer to the link for our Access and Privacy Code Access and Privacy Code.pdf .If this request includes a release of personal information, TSSA will require consent from the effected party.

Applicant Signature	Grace Thompson	Date
	Please Print and sign before returning to TSSA	

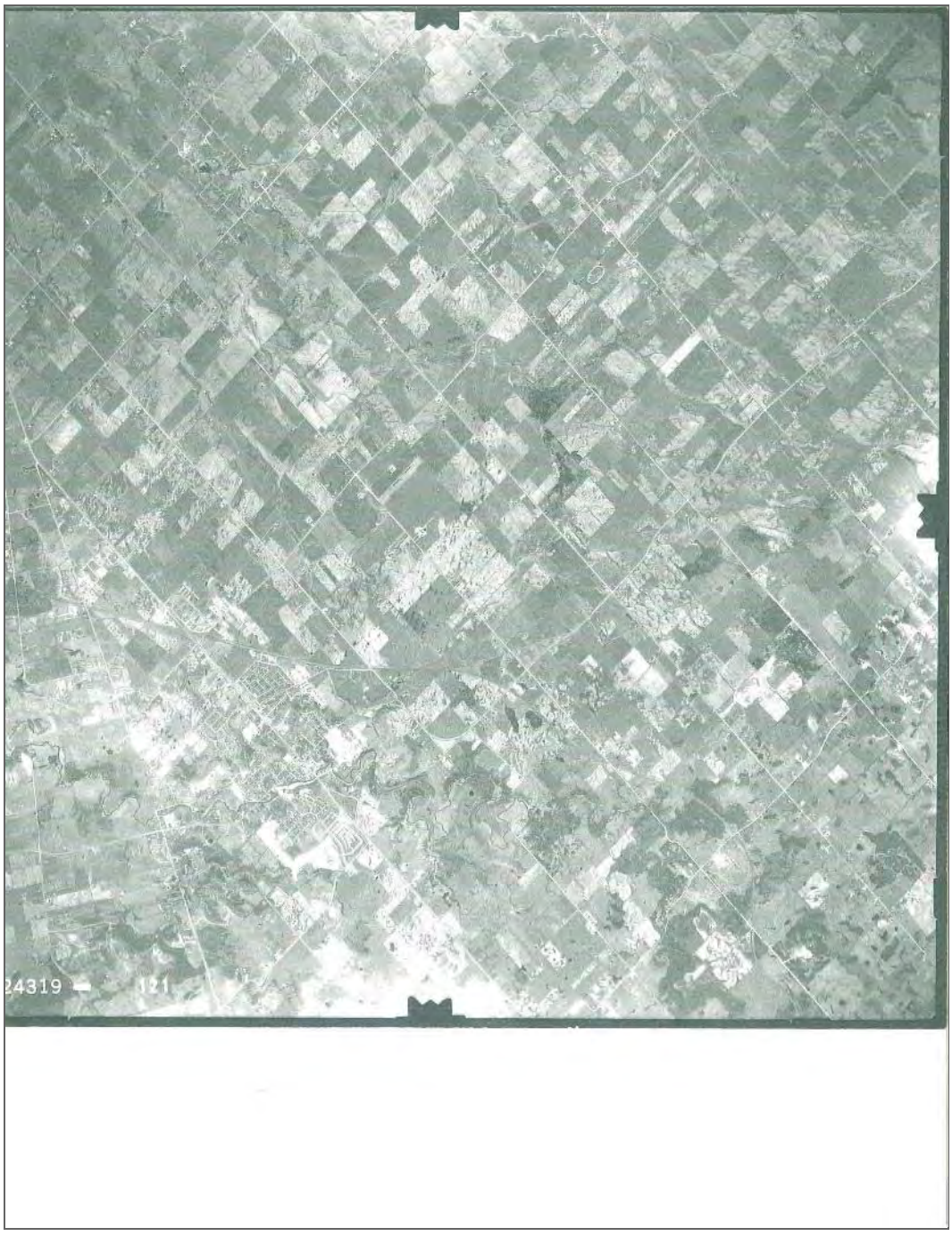
APPENDIX I

Aerial Photographs

Aerial Photograph - 1960

© 2018 Pinchin Ltd.

MEMBER OF
THE PINCHIN GROUP



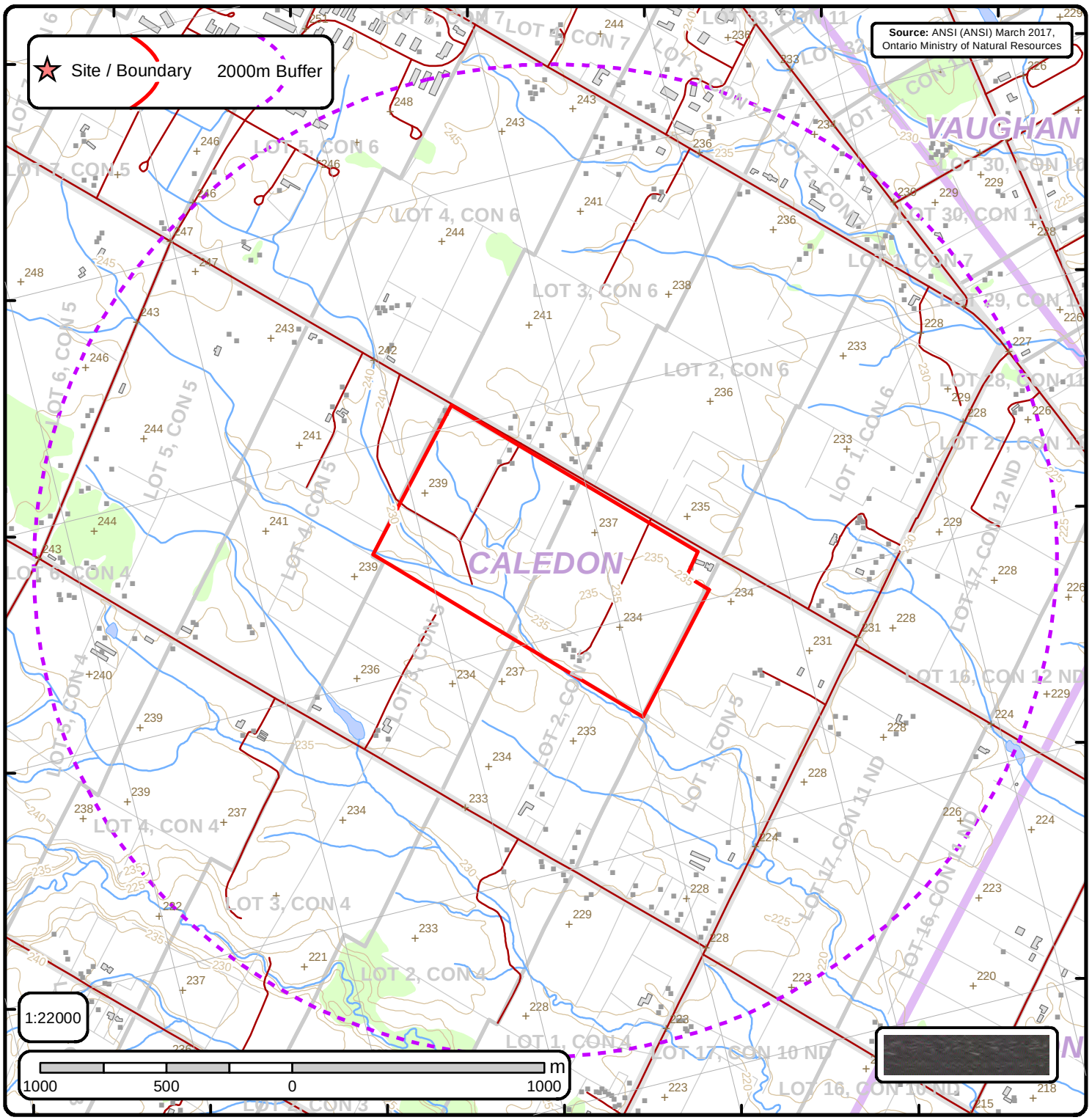
Aerial Photograph – 1976

© 2018 Pinchin Ltd.

MEMBER OF
THE PINCHIN GROUP

APPENDIX J

Maps



Area of Natural & Scientific Interest (ANSI) Order No. 20170822092

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

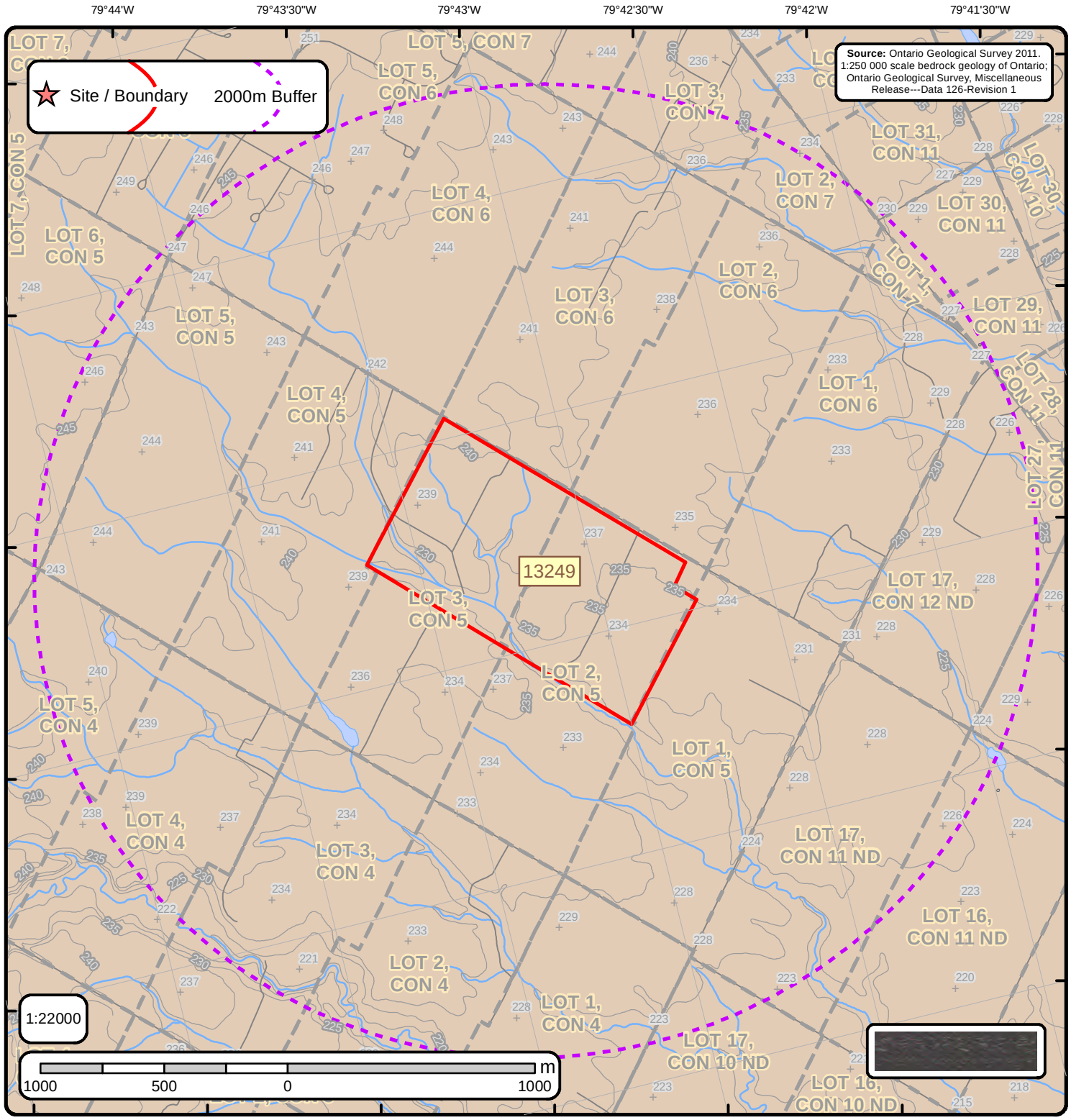
ANSI Report

ANSI Units Found within 2000 m of

100 Main Street, Toronto, ON

Order ID:
1234567891

No ANSI units found within search area.



Bedrock Geology of Ontario

Order No. 20170822092

Spot Height
Roads
Contour Lines
Streams
Railroads
Lots
Pit or Quarry
Airports
Waterbody
Wetlands

Bedrock Geology Lines

- CONTACT, GEOPHYSICAL, TREND, INTERPRETED
- CONTACT, SHARP, TREND, INTERPRETED
- CONTACT, SHARP, TREND, OBSERVED
- FAULT, DEXTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION
- FAULT, PROJECTED FAULT, INTERPRETED, UNKNOWN GENERATION
- FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION
- FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, INTERPRETED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, OBSERVED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION
- NEATLINE
- ONTARIO BORDER
- Marble, chert, iron formation, minor metavolcanic rocks

Dikes

- Abitibi mafic dike
- Biscotasing mafic dike
- Empey Lake mafic dike
- Felsic to intermediate intrusive rocks
- Fort Frances mafic dike
- Frontenac mafic dike
- Grenville mafic dike
- Logan and Nipigon mafic sills
- Mackenzie mafic dike
- Mafic dikes of uncertain age
- Mafic sills and dikes
- Marathon mafic dike
- Marathon, Kapuskasing or Biscotasing mafic dike
- Matachewan mafic dike
- Mine Centre mafic dike
- Molson mafic dike
- North Channel mafic dike
- Pickle Crow mafic dike (Molson swarm) normal
- Pickle Crow mafic dike (Molson swarm) reverse
- Rideau mafic dike
- Sudbury mafic dike
- Ultramafic, gabbroic and granophyric intrusions
- Unsubdivided mafic dike
- Unsubdivided mafic dike (Keweenawan age)
- unknown

C Lines

- FOLD, ANTICLINE, INTERPRETED, UNKNOWN GENERATION
- FOLD, ANTICLINE, OBSERVED, UNKNOWN GENERATION
- FOLD, ANTICLINE, SYNFORMAL, INTERPRETED, SECOND GENERATION
- FOLD, ANTIFORM, INTERPRETED, UNKNOWN GENERATION
- FOLD, SYNCLINE, INTERPRETED, UNKNOWN GENERATION
- FOLD, SYNCLINE, OBSERVED, UNKNOWN GENERATION
- FOLD, SYNFORM, INTERPRETED, UNKNOWN GENERATION

Kimberlite

Bedrock Geology Report

Bedrock Geology units found within 2000 m of

12300 Coleraine Dr, Caledon, ON, L7E3A9

Order ID:
20170822092

ID: 13249 | **Unit Name:** |
Type (All): 55b | **Type (Primary):** 55b | **Type (Secondary):** | **Type (Tertiary):** | **Rock Type (Primary):** Shale, limestone, dolostone, siltstone | **Strata (Primary):** Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Member; Eastview Member | **Super Eon (Primary):** | **Eon (Primary):** PHANEROZOIC (Present to 542.0 Ma) | **Era (Primary):** PALEOZOIC (251.0 Ma to 542.0 Ma) | **Period (Primary):** ORDOVICIAN (443.7 Ma to 488.3 Ma) | **Epoch (Primary):** UPPER ORDOVICIAN | **Province (Primary):**

Bedrock Geology Report Metadata

Ontario Geological Survey 2011. 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release-Data 126 Revision1

ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

ID - Unit ID **Unit Name** - Generalized geological unit classification

Type (All) - The geological unit number(s) or code(s) for all rock types present in an individual polygon.

Type (Primary) - The primary geological unit number or code for the primary rock type in an individual polygon

Type (Secondary) - The secondary geological unit number or code for the secondary rock type, if present, in an individual polygon

Type (Tertiary) - The tertiary geological unit number or code for the tertiary rock type, if present, in an individual polygon

Rock Type (Primary) - Rock type or sub-unit description

Status (Primary) - The Stratigraphic unit. Divided into:

```
Supergroup (two or more groups and lone formations)
Group (two or more formations)
Formation (primary unit of lithostratigraphy)
Member (named lithologic subdivision of a formation)
Bed (named distinctive layer in a member or formation)
```

Super Eon (Primary) - A name given to the largest defined unit of geological time, divided into Eons. Unique values which this field may contain (Domains) are:

```
PRECAMBRIAN (0.542 Ga to <3.85 Ga)
```

Eon (Primary) - A name given to a defined unit of geological time, divided into Eras. Unique values which this field may contain (Domains) are:

```
ARCHEAN (2.5 Ga to <3.85 Ga)
PROTEROZOIC (0.542 Ga to 2.50 Ga)
PHANEROZOIC (Present to 542.0 Ma)
```

Era (Primary) - A name given to a defined unit of geological time, divided into Periods. Each era on the scale is separated from the next by a major event or change. Unique values which this field may contain (Domains) are:

```
MESOARCHEAN (2.8 Ga to 3.2 Ga)                MESOPROTEROZOIC (1.0 Ga to 1.6 Ga)
NEO-TO MESOARCHEAN (2.5 Ga to 3.2 Ga)         EARLY PALEOZOIC TO NEOPROTEROZOIC (443.7 Ma to 1.0 Ga)
NEOARCHEAN (2.5 Ga to 2.8 Ga)                 NEO-TO MESOPROTEROZOIC (0.542 Ga to 1.6 Ga)
PALEOPROTEROZOIC (1.6 Ga to 2.5 Ga)           PALEOZOIC (251.0 Ma to 542.0 Ma)
MESO-TO PALEOPROTEROZOIC (1.0 Ga to 2.5 Ga)   MESOZOIC (65.5 Ma to 251.0 Ma)
```

Period (Primary) - A name given to a defined unit of geological time, divided into Epochs. Unique values which this field may contain (Domains) are:

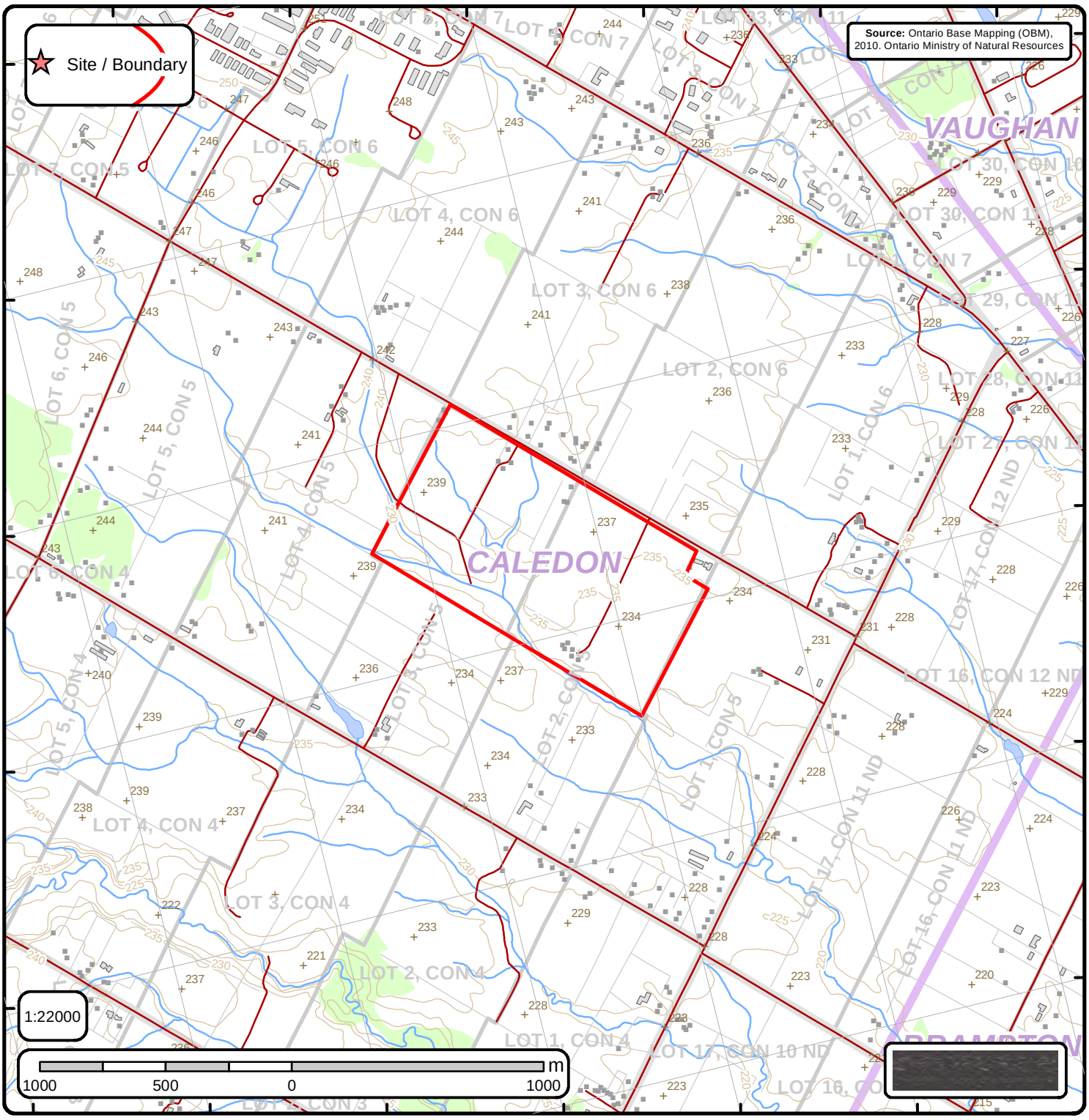
```
CAMBRIAN (488.3 Ma to 542.0 Ma)
ORDOVICIAN (443.7 Ma to 488.3 Ma)
SILURIAN (416.0 Ma to 443.7 Ma)
DEVONIAN (359.2 Ma to 416.0 Ma)
MISSISSIPPIAN TO DEVONIAN (318.1 Ma to 416.0 Ma)
JURASSIC (145.5 Ma to 199.6 Ma)
CRETACEOUS AND JURASSIC (65.5 Ma to 199.6 Ma)
```

Epoch (Primary) - A name given to a defined unit of geological time. Unique values which this field may contain (Domains) are:

```
LOWER ORDOVICIAN                    UPPER SILURIAN
MIDDLE ORDOVICIAN                   LOWER DEVONIAN
UPPER ORDOVICIAN                    MIDDLE DEVONIAN
MIDDLE AND LOWER SILURIAN           UPPER DEVONIAN
UPPER SILURIAN TO LOWER DEVONIAN    LOWER CRETACEOUS AND MIDDLE JURASSIC
```

Province (Primary) - The Geological Province the geological unit is in. Unique values which this field may contain (Domains) are:

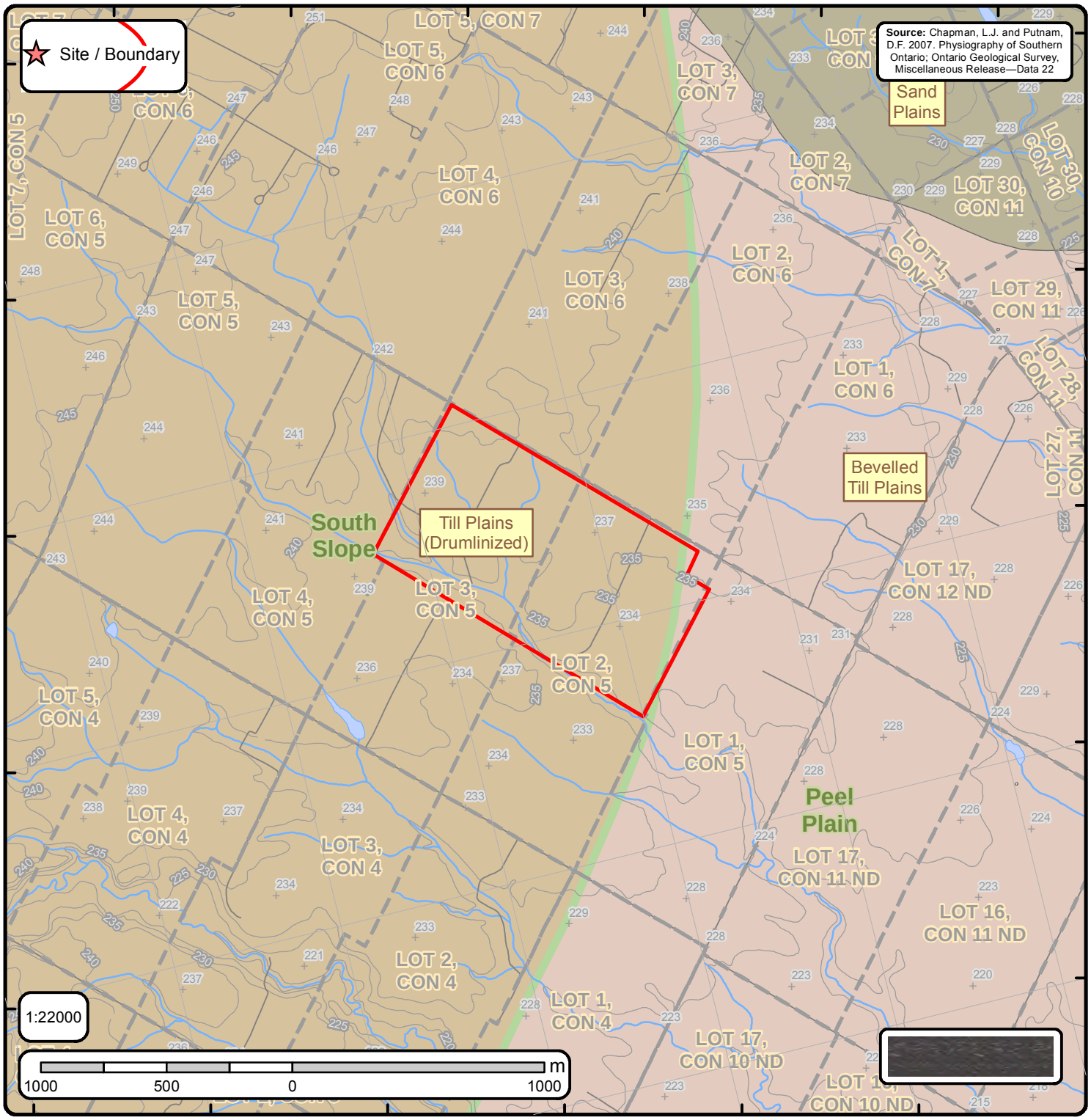
```
SUPERIOR
SOUTHERN
SUPERIOR
GRENVILLE
```



Ontario Base Mapping (OBM) Data

Order No. 20170822092

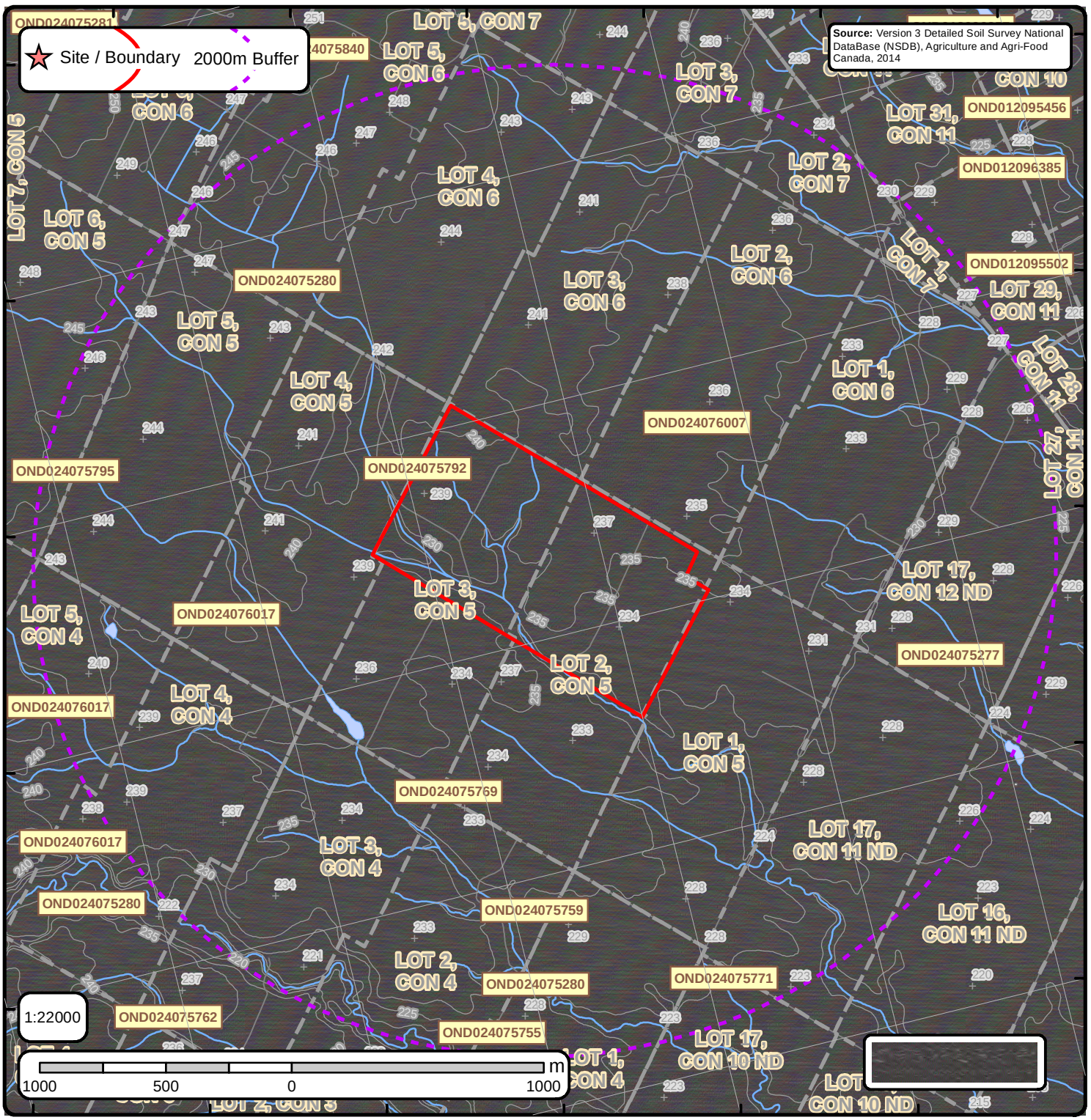
Spot Height (metre)	Transportation Structure	Contour Line	Wooded Area
Building Point	Utility Line	Pit or Quarry	Conservation Authority
Towers	Water Structure	Waterbody	Conservation Area
Utility Site Point	Drainage Line Feature	Wetlands	Municipal Park
Misc. Line	River or Stream	Concession	Provincial Park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



Physiography of Southern Ontario

Order No. 20170822092

- Spot Height
- Roads
- Railroads
- Contour Lines
- Streams
- Lots
- Pit or Quarry
- Airports
- Wetlands
- Waterbody
- Boulder Pavement
- Dissected Terrain
- Mud Flow Scars
- Sand Dunes
- escarpment
- shorecliff
- shorecliff (weakly developed)
- Physiography Regions
- Bare Rock Ridges And Shallow Till
- Beaches
- Bevelled Till Plains
- Clay Plains
- Drumlins
- Escarpments
- Eskers
- Kame Moraines
- Limestone Plains
- Peat And Muck
- Sand Plains
- Shale Plains
- Shallow Till And Rock Ridges
- Spillways
- Till Moraines
- Till Plains (Drumlinized)
- Till Plains (Undrumlinized)



Detailed Soil Survey (ON Soils)

Order No. 20170822092

- Spot Height
- Railroads
- Roads
- Contour Lines
- Streams
- Lots
- Pit or Quarry
- Airports
- Wetlands
- Waterbody

Soils Report

Soil Map Units Found within 2000 m of
12300 Coleraine Dr, Caledon, ON, L7E3A9

Order ID:
20170822092

Soil ID: OND012095502
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONPEL~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-23 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 24 | **Total Silt(%)** : 49 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 3.5 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.519 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-31 | **Horizon** : AB | **Layer No** : 2 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 22 | **Total Silt(%)** : 47 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 2.1 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.266 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 31-52 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 19 | **Total Silt(%)** : 36 | **Total Clay(%)** : 45 | **Organic Carbon(%)** : 0.8 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.262 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 52-80 | **Horizon** : Ck | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 13 | **Total Silt(%)** : 33 | **Total Clay(%)** : 54 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 7.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.136 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 80-102 | **Horizon** : Ckgj | **Layer No** : 5 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 16 | **Total Silt(%)** : 36 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.142 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND024075759
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONPEL~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-23 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 24 | **Total Silt(%)** : 49 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 3.5 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.519 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-31 | **Horizon** : AB | **Layer No** : 2 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 22 | **Total Silt(%)** : 47 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 2.1 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.266 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 31-52 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 19 | **Total Silt(%)** : 36 | **Total Clay(%)** : 45 | **Organic Carbon(%)** : 0.8 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.262 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 52-80 | **Horizon** : Ck | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 13 | **Total Silt(%)** : 33 | **Total Clay(%)** : 54 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 7.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.136 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 80-102 | **Horizon** : Ckgj | **Layer No** : 5 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 16 | **Total Silt(%)** : 36 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.142 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND024075277
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZUN~~~~~N | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : None | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : Very severe limitations preclude annual cultivation; improvements feasible. | **First CLI Limitation Subclass** : Subject to occasional flooding (Inundation) from adjacent streams or waterbodies | **Second CLI Limitation Subclass** : None | **Soil Name** : UNCLASSIFIED | **Water Table Charateristics** : Unspecified period | **Soil Drainage Class** : Not applicable | **Kind of Surface Material** : Unclassified | **Layer that Restricts Root Growth** : No root restricting layer | **Type of Root Restricting Layer** : n/a | **Parent Material 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Mode of Deposition 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Parent Material Chemical Property 1|2|3** : Not Applicable; Not Applicable; Not Applicable |

Soils Report

Soil Map Units Found within 2000 m of
12300 Coleraine Dr, Caledon, ON, L7E3A9

Order ID:
20170822092

Soil ID: OND024075755
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONPEL~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-23 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 24 | **Total Silt(%)** : 49 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 3.5 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.519 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-31 | **Horizon** : AB | **Layer No** : 2 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 22 | **Total Silt(%)** : 47 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 2.1 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.266 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 31-52 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 19 | **Total Silt(%)** : 36 | **Total Clay(%)** : 45 | **Organic Carbon(%)** : 0.8 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.262 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 52-80 | **Horizon** : Ck | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 13 | **Total Silt(%)** : 33 | **Total Clay(%)** : 54 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 7.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.136 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 80-102 | **Horizon** : Ckgj | **Layer No** : 5 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 16 | **Total Silt(%)** : 36 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.142 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND024075795
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONJDD~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-13 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 49 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.6 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 13-24 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 42 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.207 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 24-49 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 43 | **Total Clay(%)** : 45 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.209 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 49-100 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 11 | **Total Silt(%)** : 50 | **Total Clay(%)** : 39 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.141 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND024075769
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONMAT~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-18 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 16 | **Total Sand(%)** : 25 | **Total Silt(%)** : 49 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 3.0 | **pH in Calc Chloride** : 7.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.497 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 18-30 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 9 | **Total Sand(%)** : 20 | **Total Silt(%)** : 37 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 1.1 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.263 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 30-60 | **Horizon** : BCkg | **Layer No** : 3 | **Very Fine Sand(%)** : 6 | **Total Sand(%)** : 17 | **Total Silt(%)** : 35 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.212 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 60-100 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 3 | **Total Sand(%)** : 11 | **Total Silt(%)** : 29 | **Total Clay(%)** : 60 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.137 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
12300 Coleraine Dr, Caledon, ON, L7E3A9

Order ID:
20170822092

Soil ID: OND024075280
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZUN~~~~~N | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : None | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : Very severe limitations preclude annual cultivation; improvements feasible. | **First CLI Limitation Subclass** : Subject to occasional flooding (Inundation) from adjacent streams or waterbodies | **Second CLI Limitation Subclass** : None | **Soil Name** : UNCLASSIFIED | **Water Table Charateristics** : Unspecified period | **Soil Drainage Class** : Not applicable | **Kind of Surface Material** : Unclassified | **Layer that Restricts Root Growth** : No root restricting layer | **Type of Root Restricting Layer** : n/a | **Parent Material 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Mode of Deposition 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Parent Material Chemical Property 1|2|3** : Not Applicable; Not Applicable; Not Applicable |

Soil ID: OND024075771
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONPEL~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-23 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 24 | **Total Silt(%)** : 49 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 3.5 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.519 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-31 | **Horizon** : AB | **Layer No** : 2 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 22 | **Total Silt(%)** : 47 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 2.1 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.266 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 31-52 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 19 | **Total Silt(%)** : 36 | **Total Clay(%)** : 45 | **Organic Carbon(%)** : 0.8 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.262 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 52-80 | **Horizon** : Ck | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 13 | **Total Silt(%)** : 33 | **Total Clay(%)** : 54 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 7.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.136 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 80-102 | **Horizon** : Ckgj | **Layer No** : 5 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 16 | **Total Silt(%)** : 36 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.142 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND024075762
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONCGU~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 21 | **Total Silt(%)** : 50 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.368 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-40 | **Horizon** : Btgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 21 | **Total Silt(%)** : 43 | **Total Clay(%)** : 36 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.228 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 40-100 | **Horizon** : Ckgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 20 | **Total Silt(%)** : 49 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.159 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
12300 Coleraine Dr, Caledon, ON, L7E3A9

Order ID:
20170822092

Soil ID: OND024075792
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONMAT~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-18 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 16 | **Total Sand(%)** : 25 | **Total Silt(%)** : 49 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 3.0 | **pH in Calc Chloride** : 7.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.497 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 18-30 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 9 | **Total Sand(%)** : 20 | **Total Silt(%)** : 37 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 1.1 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.263 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 30-60 | **Horizon** : BCkg | **Layer No** : 3 | **Very Fine Sand(%)** : 6 | **Total Sand(%)** : 17 | **Total Silt(%)** : 35 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.212 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 60-100 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 3 | **Total Sand(%)** : 11 | **Total Silt(%)** : 29 | **Total Clay(%)** : 60 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.137 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND024076017
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONMOG~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-22 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 9 | **Total Sand(%)** : 28 | **Total Silt(%)** : 46 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 2.8 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.506 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 22-38 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 9 | **Total Sand(%)** : 26 | **Total Silt(%)** : 42 | **Total Clay(%)** : 32 | **Organic Carbon(%)** : 0.9 | **pH in Calc Chloride** : 7.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.303 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-100 | **Horizon** : Ckgj | **Layer No** : 3 | **Very Fine Sand(%)** : 9 | **Total Sand(%)** : 36 | **Total Silt(%)** : 45 | **Total Clay(%)** : 19 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.326 | **Electrical Conductivity(dS/m)** : 0 |

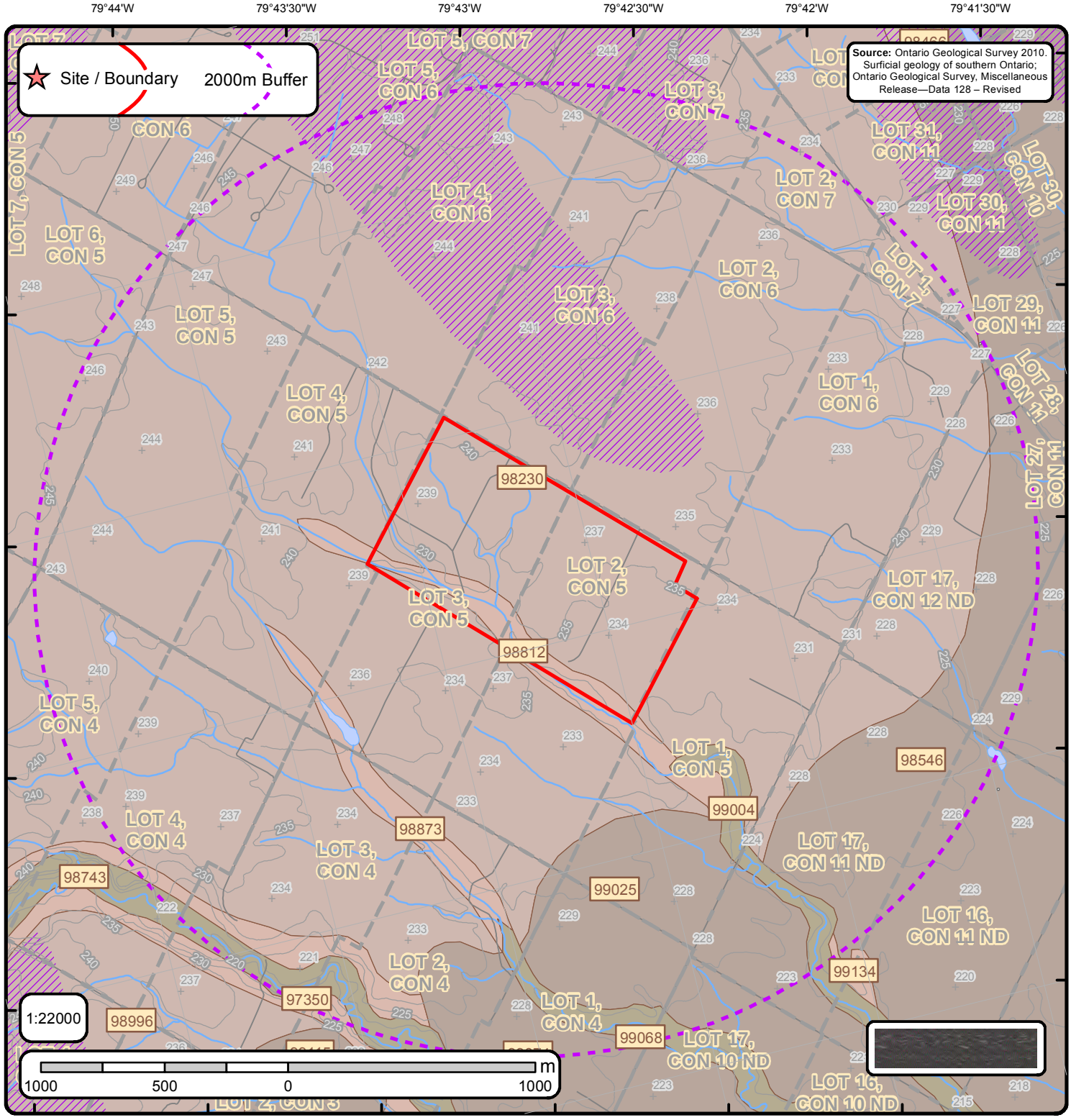
Soil ID: OND024075840
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONMAT~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-18 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 16 | **Total Sand(%)** : 25 | **Total Silt(%)** : 49 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 3.0 | **pH in Calc Chloride** : 7.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.497 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 18-30 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 9 | **Total Sand(%)** : 20 | **Total Silt(%)** : 37 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 1.1 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.263 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 30-60 | **Horizon** : BCkg | **Layer No** : 3 | **Very Fine Sand(%)** : 6 | **Total Sand(%)** : 17 | **Total Silt(%)** : 35 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.212 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 60-100 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 3 | **Total Sand(%)** : 11 | **Total Silt(%)** : 29 | **Total Clay(%)** : 60 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.137 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
12300 Coleraine Dr, Caledon, ON, L7E3A9

Order ID:
20170822092

Soil ID: OND024076007
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONPEL~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-23 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 24 | **Total Silt(%)** : 49 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 3.5 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.519 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-31 | **Horizon** : AB | **Layer No** : 2 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 22 | **Total Silt(%)** : 47 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 2.1 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.266 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 31-52 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 19 | **Total Silt(%)** : 36 | **Total Clay(%)** : 45 | **Organic Carbon(%)** : 0.8 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.262 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 52-80 | **Horizon** : Ck | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 13 | **Total Silt(%)** : 33 | **Total Clay(%)** : 54 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 7.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.136 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 80-102 | **Horizon** : Ckgj | **Layer No** : 5 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 16 | **Total Silt(%)** : 36 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.142 | **Electrical Conductivity(dS/m)** : 0 |



The Surficial Geology of Southern Ontario

Order No. 20170822092

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

Surface Geology Report

Surface Geology units found within 2000 m of
12300 Coleraine Dr, Caledon, ON, L7E3A9

Order ID:
20170822092

ID: 97350 | **Unit Name:** Halton Till |
Deposit Type Code: 8 | **Deposit Age:** Wisconsinan | **Map Number:** m2275 | **Map Name:** Bolton | **Source Map Scale:** 1:63 360 | **Primary Material:** diamicton | **Primary Material Modifier:** clayey silt to sandy silt | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** Port Huron | **Stratus Modifier:** Surface | **Provenance:** Ontario | **Carbon Content:** medium | **Formation:** Halton Till | **Permeability:** Low | **Material Description:** Brown loam to silt loam till

ID: 98230 | **Unit Name:** Wildfield Till |
Deposit Type Code: 10 | **Deposit Age:** Wisconsinan | **Map Number:** m2275 | **Map Name:** Bolton | **Source Map Scale:** 1:63 360 | **Primary Material:** diamicton | **Primary Material Modifier:** silty clay to clayey silt | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** Port Huron | **Stratus Modifier:** Surface | **Provenance:** Simcoe | **Carbon Content:** medium | **Formation:** Wildfield Till | **Permeability:** Low | **Material Description:** Dark grey silty clay loam, clay loam, silty clay or clay till. Silt balls and stratified material may be included. Occasionally conglomeratic

ID: 98546 | **Unit Name:** Lacustrine-Wildfield Complex |
Deposit Type Code: 11a | **Deposit Age:** Wisconsinan | **Map Number:** m2275 | **Map Name:** Bolton | **Source Map Scale:** 1:63 360 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** diamicton | **Primary General:** glaciolacustrine | **Primary General Modifier:** foreshore/basinal | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Stratified or non-stratified silt loam, silty clay loam or or clay deposits. May contain grits, silt balls, or pebbles and may be interbedded with layers of till-like material. Carbonate concretions common. Occurs as thin discontinuous veneer over Wil

ID: 98743 | **Unit Name:** Modern Alluvium |
Deposit Type Code: 17 | **Deposit Age:** Recent | **Map Number:** m2275 | **Map Name:** Bolton | **Source Map Scale:** 1:63 360 | **Primary Material:** silt, sand, gravel | **Primary Material Modifier:** organic-bearing | **Secondary Material:** | **Primary General:** fluvial | **Primary General Modifier:** | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Silt, sand, gravel

ID: 98812 | **Unit Name:** Halton Till |
Deposit Type Code: 8 | **Deposit Age:** Wisconsinan | **Map Number:** m2275 | **Map Name:** Bolton | **Source Map Scale:** 1:63 360 | **Primary Material:** diamicton | **Primary Material Modifier:** clayey silt to sandy silt | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** Port Huron | **Stratus Modifier:** Surface | **Provenance:** Ontario | **Carbon Content:** medium | **Formation:** Halton Till | **Permeability:** Low | **Material Description:** Brown loam to silt loam till

ID: 98873 | **Unit Name:** Halton Till |
Deposit Type Code: 8 | **Deposit Age:** Wisconsinan | **Map Number:** m2275 | **Map Name:** Bolton | **Source Map Scale:** 1:63 360 | **Primary Material:** diamicton | **Primary Material Modifier:** clayey silt to sandy silt | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** Port Huron | **Stratus Modifier:** Surface | **Provenance:** Ontario | **Carbon Content:** medium | **Formation:** Halton Till | **Permeability:** Low | **Material Description:** Brown loam to silt loam till

ID: 99004 | **Unit Name:** Modern Alluvium |
Deposit Type Code: 17 | **Deposit Age:** Recent | **Map Number:** m2275 | **Map Name:** Bolton | **Source Map Scale:** 1:63 360 | **Primary Material:** silt, sand, gravel | **Primary Material Modifier:** organic-bearing | **Secondary Material:** | **Primary General:** fluvial | **Primary General Modifier:** | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Silt, sand, gravel

ID: 99025 | **Unit Name:** Lacustrine-Wildfield Complex |
Deposit Type Code: 11a | **Deposit Age:** Wisconsinan | **Map Number:** m2275 | **Map Name:** Bolton | **Source Map Scale:** 1:63 360 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** diamicton | **Primary General:** glaciolacustrine | **Primary General Modifier:** foreshore/basinal | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Stratified or non-stratified silt loam, silty clay loam or or clay deposits. May contain grits, silt balls, or pebbles and may be interbedded with layers of till-like material. Carbonate concretions common. Occurs as thin discontinuous veneer over Wil

ID: 99068 | **Unit Name:** Modern Alluvium |
Deposit Type Code: 17 | **Deposit Age:** Recent | **Map Number:** m2275 | **Map Name:** Bolton | **Source Map Scale:** 1:63 360 | **Primary Material:** silt, sand, gravel | **Primary Material Modifier:** organic-bearing | **Secondary Material:** | **Primary General:** fluvial | **Primary General Modifier:** | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Silt, sand, gravel

ID: 99074 | **Unit Name:** Lacustrine-Wildfield Complex |
Deposit Type Code: 11a | **Deposit Age:** Wisconsinan | **Map Number:** m2275 | **Map Name:** Bolton | **Source Map Scale:** 1:63 360 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** diamicton | **Primary General:** glaciolacustrine | **Primary General Modifier:** foreshore/basinal | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Stratified or non-stratified silt loam, silty clay loam or or clay deposits. May contain grits, silt balls, or pebbles and may be interbedded with layers of till-like material. Carbonate concretions common. Occurs as thin discontinuous veneer over Wil

ID: 99134 | **Unit Name:** Halton Till |
Deposit Type Code: 8 | **Deposit Age:** Wisconsinan | **Map Number:** m2275 | **Map Name:** Bolton | **Source Map Scale:** 1:63 360 | **Primary Material:** diamicton | **Primary Material Modifier:** clayey silt to sandy silt | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** Port Huron | **Stratus Modifier:** Surface | **Provenance:** Ontario | **Carbon Content:** medium | **Formation:** Halton Till | **Permeability:** Low | **Material Description:** Brown loam to silt loam till

Surface Geology Report Metadata

Ontario Geological Survey 2010. Surficial geology of southern Ontario; Ontario Geological Survey, Miscellaneous Release - Data 128 - Revised.

ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

ID - ID applied to the Unit

Unit Name - Name of deposit

Deposit Type Code - The geological unit number taken from the original map legend.

Deposit Age - to show the age when the sediments were deposited, e.g., Wisconsinan, postglacial or recent.

Map Number - Original map series number, eg., 'M2402' or 'P1973'. Each sgu_point feature is tagged to its original map.

Map Name - Usually NTS area where mapping was completed, e.g., 'Golden Lake'

Source Map Scale - The scale at which the original map was captured, e.g., '1:50 000'

Primary Material - This attribute provides the user with information regarding the most prevalent material present within a given area.

Primary Material Modifier- This attribute provides the user with a more refined description of the lithological classification of the primary material.

Secondary Material - This attribute provides the user with information regarding subordinate materials present within a given area.

Primary General - This attribute provides the user with an interpretation of the depositional environment within which the primary material was deposited.

Primary General Modifier - This attribute provides the user with a refined interpretation of the primary genetic modifier.

Veneer - This attribute provides the user with information regarding the type of material that forms a thin, discontinuous veneer over the primary material.

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Phase - A diachronic stratigraphic unit in a lower order than Subepisode, and the proposed sequence-stratigraphic classification is listed in the following table in the eastern and northern Great Lakes area (Karrow et al. 2000)

Stratus Modifier - This attribute provides the user information regarding the stratigraphic position of the mapped unit (i.e., whether the unit occurs primarily on the surface or in the subsurface).

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

Carbon Content - This attribute provides the user with information regarding the carbonate content of till.

Formation - This attribute provides the user with information regarding the formation to which a given primary material belongs (e.g., Tavistock Till, Port Stanley Till, Scarborough Formation). This attribute is seamless and allows the user to create a map based on formation.

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

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