



June 17, 2025

Claude Robineau
Gestionnaire de Projets
Conseil des écoles Catholiques du Centre-Est (CECCE)
4000 rue Labelle
Ottawa, ON, K1J1A1

Via Email:

immo-construction@ecolecatholique.ca

**Re: OTT-25006852-A0 Soil Characterization Report – Proposed Classroom Addition - École Élémentaire
Catholique J.-L.-Couroux, 10 Findlay Avenue, Carleton Place, Ontario
CECCE Project 2025DIV014**

Introduction

EXP Services Inc. (EXP) was retained by Le Conseil des écoles catholiques du Centre-Est (CECCE) to prepare a Soil Quality Report (SQR) in support of the construction of an addition classroom structure to be located at 10 Findlay Avenue, Ontario hereinafter referred to as the "Site" (Figure 1).

It is understood that the addition classroom building is being proposed in the northeast part of the Site. It is expected that more than 350 m³ and less than 1200 m³ of soil will be generated from excavation for the construction of the addition. If the soil cannot be managed on-site, the soil will become excess soil under Ontario Regulation 406/19 (O.Reg. 406/19). Excess soil (i.e. any soil leaving the site, hereafter referred to as the Project Area), will either require off-site disposal at a beneficial reuse site, Class 2 soil receiving site, or at a licensed landfill.

Based on the range volume of excess soil that may be generated and the fact that the project has been used for low risk/institutional use, the project is opined to be exempt from Section 8 (Project Area Notification to be filed on the Excess Soils Registry) of O.Reg. 406/19. Consequently, this assessment has been completed as using current industry best practices for due diligence soil sampling frequency to support decisions related to off-site soil management in general conformity to O.Reg. 406/19 requirements and to sufficiently characterize the soil for potential offsite movement.

Objectives

The objective of this assessment is to characterize the in-situ soil located at the Site and provide recommendations on the management of this excess soil that is generated during construction in accordance with Ontario Regulation 406/19.

The following letter presents the analytical results, conclusions and recommendations from the soil sampling program.

Scope of Work

The sampling program was based on Rules for Soil Management and Excess Soil Quality Standards (February 2024) and Ontario Regulation 406/19: On-Site and Excess Soil Management (O.Reg. 406/19). Based on the estimated volume being between (350 m³ to 1200 m³), the minimum requirement of six (6) soil samples were collected from the boreholes at varying depths and were submitted for laboratory analysis. It is prudent to note that the geotechnical investigation did not encounter undisturbed native soil, the proposed building foundation is expected to bear on engineered fill placed over bedrock. Bedrock was encountered at depths ranging from 0.5m to 3.0 m below ground surface. Accordingly, six (6) soil samples collected from existing fill material for environmental analysis.

In terms of chemical parameters, O. Reg. 406/19 identifies the following minimum requirements for soil sample analysis:

- petroleum hydrocarbons (F1 through F4) including benzene, toluene, ethylbenzene, xylenes (BTEX);
- metals and hydride-forming metals (antimony, arsenic, barium, beryllium, boron, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, selenium, silver, thallium, uranium, vanadium and zinc);

- sodium adsorption ratio (SAR) and electrical conductivity (EC) if the soil is excavated from an area where a substance has been used for the purpose of keeping the area safe for use under conditions of snow or ice; and,
- any contaminant of potential concern (COPC) identified in the assessment of past uses or Phase I ESA report.

Since there are no environmental reports available for the site, the samples were submitted for the minimum parameters per O. Reg 406/19.

Soil Sampling

On June 5 and June 6, 2025, EXP collected six soil samples during the geotechnical drilling program of ten (10) boreholes denoted as BH1, to BH10 in Figure 1, attached. The borehole logs with soil descriptions are presented in Appendix C.

The samples were directly sampled from the borehole during drilling by EXP. Upon collecting, the soil samples were placed into laboratory-supplied sample jars. All sample jars were placed in clean coolers containing ice prior to and during transportation to the subcontractor laboratory, Caduceon Environmental Laboratories (Caduceon) of Ottawa, Ontario. The soil samples were transported to the laboratory under chain of custody protocols, for chemical analysis of PHC, BTEX, metals and hydride-forming metals, inorganics.

Quality Assurance and Quality Control Measures

As per EXP environmental sampling protocols, a QA/QC program was also implemented to ensure that the analytical results received are accurate and dependable. EXP executed the fieldwork program in accordance with our established QA/QC program and best industry practices. Moreover, the Certificates of Analysis from Caduceon reflect their QA/QC validation essentials. Caduceon is an accredited laboratory under the Standards Council of Canada/Canadian Association for Laboratory Accreditation in accordance with ISO/IEC 17025:1999- *General Requirements for the Competence of Testing and Calibration Laboratories*.

Results

Geotechnical Work Program

The results of the geotechnical investigation have been prepared under separate cover by EXP, *“Geotechnical Investigation - Proposed Seven (7) Classroom Addition, J.L. Couroux Catholic Elementary School, 10 Findlay Avenue, Carleton Place, ON”* File No. OTT-25006852-A0, dated June 20, 2025. To briefly recap the findings of the geotechnical investigation, as it pertains to the Environmental Soil Characterization and Soil Management Plan, all ten (10) boreholes encountered a thin layer of topsoil/Asphalt underlain by fill material varying in thickness from 500mm to 3000mm. Directly underlying the fill material resides a fair to very good dolostone bedrock.

The fill materials consist of mix of sand and gravel, silty sand, some pockets of silty clay, rock fragments, roots and rootlets, organics and topsoil inclusions, presented in Appendix C.

These layers would ultimately form the bulk of the excess soil generated from subsurface excavation activities-either individually or in mixed forms.

Site Reconnaissance and Impacts on Sampling and Analysis Plan

Based on the visual inspection and mechanical monitoring of soil vapors during drilling, there were no obvious indications of the presence of either areas of potential environmental concern or contaminants of potential concern on, or nearby the proposed work area, that would require additional chemical parameter testing beyond the standard minimums required to satisfy the wording of Ontario Regulation 406/19.

Soil Analytical Results

A summary of the soil analytical results is provided below along with the comparative summary tables that are compiled in Appendix A. The laboratory certificates of analysis for the sampled soil(s) are presented in Appendix B.

A brief summary of noteworthy results from each main soil quality category is provided below:

Metals

The subject site is located within the Ottawa Valley Clay Plains created from historic Champlain Sea Sediments. As such, the reuse site can expect the concentrations of barium, chromium, cobalt, and vanadium to be reflective of natural background concentrations. EXP's analysis of the silty clay soil has been evaluated based on Column 7 of Table 4 of Background Metals in Champlain Sea Sediments-Updates from 2019 Drilling and Sampling Program-Eastern Ontario-Ottawa Region, Revision 1 (Final), Geofirma Engineering Ltd., dated November 30, 2023.

The fill material was noted to be a combination of silty sand/sandy silt with some clay and likely originated within the Champlain Sea region. As such, the Table 1 RPI/ICC generic background soil quality for this site has been adjusted for a site-specific Site Condition Standard (SCS) that includes the elevated naturally occurring limits for barium, chromium, cobalt, and vanadium of 456 ug/g, 152 ug/g, 28 ug/g, and 122 ug/g, respectively.

As noted in Table 2 located in Appendix A, all samples met MECP Table 1 acceptable values with the site-specific allowances for Champlain Sea Sediments. Should the excavated soil be deemed excess, the soil would be considered compliant with Table 1 RPI/ICC requirements where the reuse facility has existing Champlain Sea Sediments (and as validated by the receiving site QP) or Table 2.1 ESQS where the receiving site does not have or accept Champlain Sea Sediment soils with adjusted metals as noted in the previous paragraph.

BTEX

BTEX parameters were not detected above the laboratory method detection limits for all six (6) soil samples. All BTEX parameters are considered to satisfy Table 1 RPI/ICC standards for on-site/off-site reuse.

PHC's (F1-F4)

F2 and F3 petroleum hydrocarbons were noted in both BH-4 and BH-7 above the laboratory method detection limit (Table 1-Appendix A). In addition, BH-7 encountered F4 petroleum hydrocarbons above the laboratory method detection limit. All samples meet Table 1 RPI/ICC standards for on-site/off-site reuse.

Inorganics (EC/SAR)

With respect to electrical conductivity (EC) and sodium absorption ration (SAR), only BH-7 reported an SAR value above O.Reg.153/04 and O.Reg 406/19 Table 1, RPI/ICC. The SAR value is below Table 3 RPI/ICC for onsite reuse.

pH

The analytical results for all soil samples were reported a pH of between 5 and 9 and, therefore, are within the acceptable range for both surface and subsurface reuse either onsite or offsite.

Discussion

For general soil management purposes, the analytical results for the sampled soils were first compared against the Site Condition Standard (SCS) applicable for the site. This was intended to determine the suitability of the soil to be excavated for re-use onsite. Next, the sampled soil quality data was compared to MECP Table 1 RPI/ICC for general background conditions. Where soil quality exceeded Table 1 RPI/ICC standards, a methodical approach was used to properly characterize the soil within the appropriate Excess Soil Quality Standards Table (ESQS) for offsite movement. The soil management of excavated soil associated with the excavation work for the foundation installation for the portable structure is provided below:

Potential Soil Reuse (On-Site)

In accordance with O.Reg. 153/04, the land use of the Project Area is Institutional, and the parent soil stratum (fill material) is coarse grained. As such, the applicable site condition standard associated with soil reuse for the Project Area would be **TABLE 3: FULL DEPTH GENERIC SITE CONDITION STANDARDS FOR COARSE GRAINED SOIL IN A NON-POTABLE GROUND WATER CONDITION -SOIL STANDARDS FOR RESIDENTIAL/PARKLAND/INSTITUTIONAL PROPERTY USE.**

Based on the analytical results obtained, all excavated soil **may be reused on-site**, where feasible.

Excess Soil (Off-site Removal)

In accordance with O.Reg. 406/19 requirements, all excavated soil that is intended to be removed from a Project Area-in this instance, beyond the property limits- is considered waste under O. Reg. 347/04 unless it is excepted as per the requirements of O.Reg. 406/19.

Where the soil is intended to be reused at a suitable reuse site for a beneficial purpose, based on number of samples collected, the following information can be provided to the QP/Project Leader responsible for the reuse site:

1. Maximum volume of eligible excess soil supported by testing = 1200 m³
2. Highest Excess Soil Quality Standard (ESQS) met by sampled soil based on Analytical Testing by an accredited lab: Note: Reference should be made to the Summary Tables for specific soil quality data analyses.

Soil Stratum	Highest Quality ESQS Table Met
Topsoil	Not sampled (to be retained and reused onsite)
Fill Material (Parent material)	TABLE 1 RPI/ICC with Champlain Sea Sediment metals concentration accommodations or; TABLE 2.1 (RPI, O.Reg.406/19)-Excess soil Quality Standards

1. *Note: The parent soil has silty clay associated with the Ottawa Valley Clay Plains created from historic Champlain Sea Sediments. As such, the reuse site can expect the concentrations of barium, chromium, cobalt, and vanadium to be reflective of natural background concentrations. EXP's analysis of the silty clay soil has been evaluated based on Column 7 of Table 4 of Background Metals in Champlain Sea Sediments-Updates from 2019 Drilling and Sampling Program- Eastern Ontario-Ottawa Region, Revision 1 (Final), Geofirma Engineering Ltd., dated November 30, 2023.*

Recommendations

Based on the findings of this soil investigation, the following recommendations can be advanced:

1. In keeping with the spirit of the intent of Ontario Regulation 406/19, it is recommended that the excavated soil be reused onsite as much as possible. Soil that can't be reused onsite should be sent to a suitable reuse site (either instrumented or not instrumented). The reuse site should be provided with a copy of this report for their specific review.
2. It is recommended that the reuse site(s) should be chosen with a Fill Management Plan (FMP) authored by a QP for a beneficial reuse and to divert the soil from landfill. Note: As reuse sites may generate their own site-specific site condition standard(s), additional testing may be required on soil deemed excess to satisfy some reuse site requirements to receive the soil.

General Closure

This report ("Report") is based on site conditions known or inferred by the investigation undertaken as of the date of the Report. Should changes occur which potentially impact the condition of the site the recommendations of EXP may require re-evaluation. Where special concerns exist, or The CECCE ("the Client") have special considerations or requirements, these should be disclosed to EXP to allow for additional or special investigations to be undertaken not otherwise within the scope of investigation conducted for the purpose of the Report.

The evaluation and conclusions contained in the Report are based on conditions in evidence at the time of site inspections and information provided to EXP by the Client and others. The Report has been prepared for the specific site, development, building, design or building assessment objectives and purpose as communicated by the Client.

EXP has relied in good faith upon such representations, information and instructions and accepts no responsibility for any deficiency, misstatement or inaccuracy contained in the Report as a result of any misstatements, omissions, misrepresentation or fraudulent acts of persons providing information.

Unless specifically stated otherwise, the applicability and reliability of the findings, recommendations, suggestions or opinions expressed in the Report are only valid to the extent that there has been no material alteration to or variation from any of the information provided to EXP. If new information about the environmental conditions at the Site is found, the information should be provided to EXP so that it can be reviewed and revisions to the conclusions and/or recommendations can be made, if warranted.

The information and opinions expressed in the Report, or any document forming part of the Report, are for the sole benefit of the Client. No other party may use or rely upon the Report in whole or in part without the written consent of EXP. Any use of the Report, or any portion of the Report, by a third party are the sole responsibility of such third party. EXP is not responsible for damage suffered by any third party resulting from unauthorized use of the Report.

We trust that the information contained in this letter will be satisfactory for your purposes. Should you have any questions, please contact this office

Should you have any questions, please do not hesitate to contact this office.

EXP Services Inc.



Shahynaz Abdelmohsen, EIT.
Environmental Technician
Earth & Environment



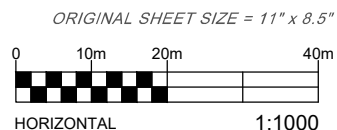
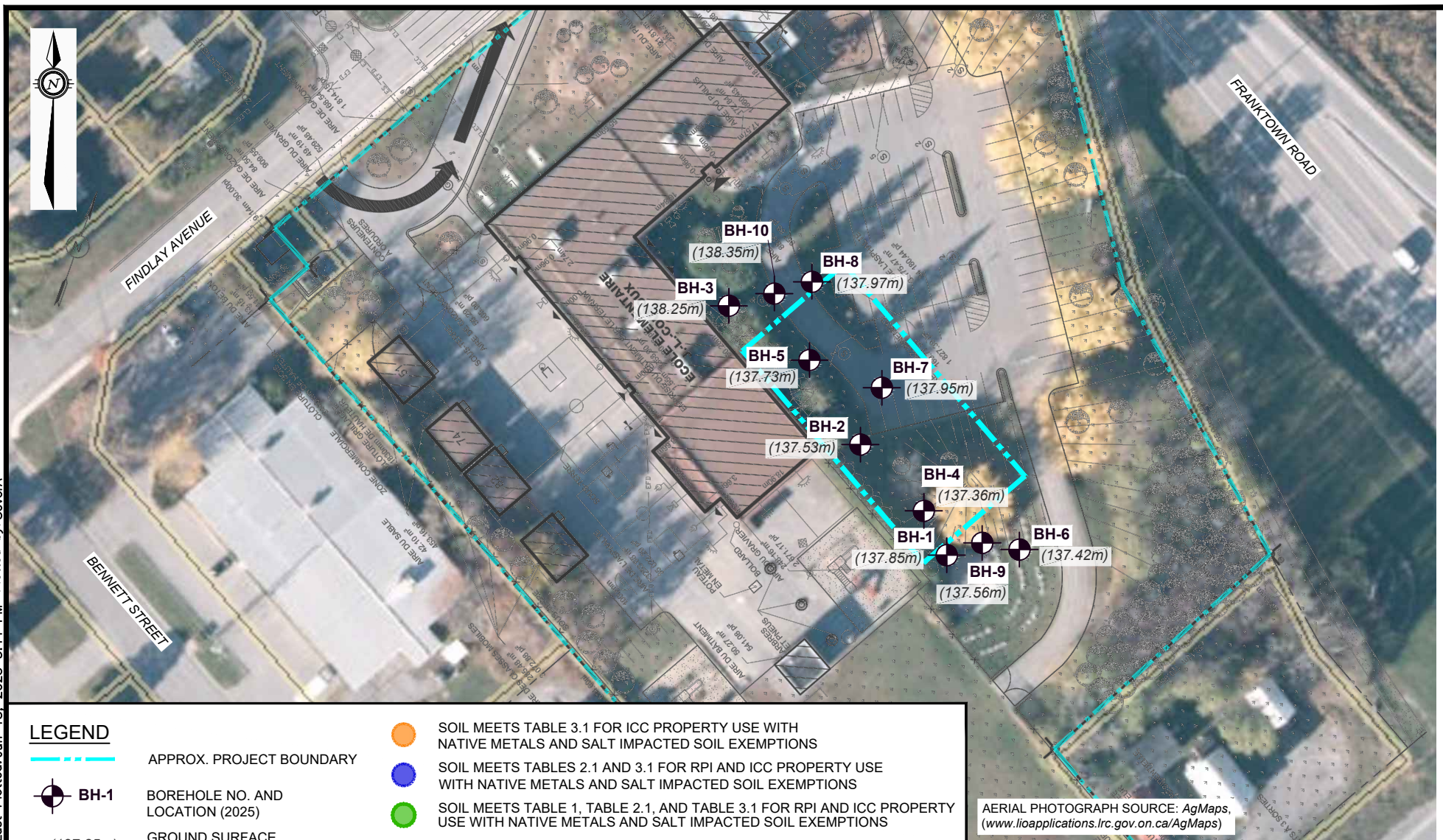
Robert A. Passmore, P.Eng.
Senior Technical Specialist
Earth & Environment

Attachments: Figures

- Appendix A: Analytical Summary Tables
- Appendix B: Laboratory Certificates of Analysis
- Appendix C: Borehole Logs

FIGURES

Filename: E:\OTT\OTT-25006852-A0_60 Execution\65 Drawings\OTT-2506852-A0_10-Findlay-Ave-CP_SCR.dwg
 Last Saved: Jun. 18, 2025 12:01 PM Last Plotted: Jun. 18, 2025 3:44 PM Plotted by: SeverA



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 Ottawa, ON K2B 8H6, Canada

DATE JUNE 2025		CLIENT: CONSEIL DES ÉCOLES CATHOLIQUES DU CENTRE-EST (CECCE)	project no. OTT-25006852-A0
DESIGN SA	CHECKED RP	PROJECT: J. L. COUROUX SCHOOL ADDITION - SOIL CHARACTERIZATION REPORT	scale 1:1,000
DRAWN BY AS		ADDRESS: 10 FINDLAY AVENUE, CARLETON PLACE, ONTARIO	FIG 1
BOREHOLE LOCATION PLAN			

APPENDIX A:

Analytical Summary Tables

Table 1 - Analytical Results in Soil - PHC and BTEX
10 Findlay Avenue, Carleton Place , ONK7C4K1
OTT-25006852-A0

Sample ID	UNITS	Provincial			Samples					
		MECP Table 1 All Land Use(RPI/ICC)	MECP Table 3 Residential ⁴	R406 Tbl. 2.1 - RPI	BH-1 (0-2)'	BH-2 (2.5-4.5)'	BH-4 (0-2)'	BH-5(2-3)'	BH-6 (7.5-9.5)'	BH-7 (2.5-4.5)'
Sampling Date					6-Jun-25	6-Jun-25	6-Jun-25	5-Jun-25	6-Jun-25	5-Jun-25
Sample Depth (mbgs)			<u>Underline</u>		0.0 to 0.6	0.8 to 1.4	0.0 to 0.6	0.6 to 0.9	2.3 to 2.9	0.8 to 1.4
Sample Description					Fill	Fill	Fill	Fill	Fill	Fill
Petroleum Hydrocarbons										
F1 PHC (C6-C10)	µg/g	17	55	25	<10	<10	<10	<10	<10	<10
F2 PHC (C10-C16)	µg/g	10	98	10	<5	<5	<5	<5	<5	9
F3 PHC (C16-C34)	µg/g	240	300	240	<10	<10	14	<10	<10	19
F4 PHC (C34-C50)	µg/g	120	2800	2800	<10	<10	<10	<10	<10	11
Volatile Organic Compounds										
Benzene	µg/g	0.02	0.21	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethylbenzene	µg/g	0.05	2	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Toluene	µg/g	0.2	2.3	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Xylene, m,p-	µg/g	NV	NV	NV	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Xylene, o-	µg/g	NV	NV	NV	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Total Xylenes	µg/g	0.05	3.1	0.091	<0.03	<0.03	<0.04	<0.04	<0.04	<0.03

NOTES:

1 Ontario Ministry of Environment, Conservation and Parks (MECP), Soil, Groundwater and Sediment Standards for use under Part XV.1 of the Environmental Protection Act, April 2011, Table 1: Full Depth Background Site Condition Standards (SCS) for residential/parkland/institutional/industrial/commercial/community property use

2 Ontario Ministry of Environment, Conservation and Parks (MECP), Soil, Groundwater and Sediment Standards for use under Part XV.1 of the Environmental Protection Act, April 2011, Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition for residential/parkland/institutional property use

3 Ontario regulation O.Reg. 406/19, Applicable Excess Soil Quality Standard, Groundwater and Sediment Standards for use under Part XV.1 of the Environmental Protection Act, April 2011, Table 2.1: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition for residential /park/institutional property use

< RDL Non-detectable results are shown as "< (RDL)" where RDL represents the reporting detection limit.

NV No Value

Indicates soil exceedance of MECP Table 1 SCS for residential/park land use

Underline Indicate soil exceedance of MECP Table 3 Residential/ Parkland/Institutional Property use

Indicates soil exceedance of R406/19 Table 2.1 Residential/ Parkland/Institutional Property use

Table 2 - Analytical Results in Soil - Inorganic Parameters
10 Findlay Avenue, Carleton Place , ONK7C4K1
OTT-25006852-A0

Sample ID	UNITS	Provincial			Samples					
		MECP Table 1 All Land Use(RPI/ICC)	MECP Table 3 Residential ⁴	R406 Tbl. 2.1 - RPI	BH-1 (0-2)'	BH-2 (2.5-4.5)'	BH-4 (0-2)'	BH-5(2-3)'	BH-6 (7.5-9.5)'	BH-7 (2.5-4.5)'
Sampling Date					6-Jun-25	6-Jun-25	6-Jun-25	5-Jun-25	6-Jun-25	5-Jun-25
Sample Depth (mbgs)			<u>Underline</u>		0.0 to 0.6	0.8 to 1.4	0.0 to 0.6	0.6 to 0.9	2.3 to 2.9	0.8 to 1.4
Sample Description					Fill	Fill	Fill	Fill	Fill	Fill
Metals										
Antimony	µg/g	1	7.5	7.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Arsenic	µg/g	11	18	18	1.4	1.8	1.9	3.5	1.4	1.9
Barium	µg/g	210 (456)*	390	390	123	124	219	287	124	124
Beryllium	µg/g	2.5	4	4	0.3	0.3	0.4	0.7	0.2	0.3
Boron (Total)	µg/g	36	120	120	3.9	4.2	4.7	4.9	4.7	9.2
Cadmium	µg/g	1	1.2	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium (Total)	µg/g	67 (152)*	160	160	16	12	15	22	9	10
Cobalt	µg/g	19 (28)*	22	22	5	4	6	9	7	4
Copper	µg/g	62	140	140	8	13	11	17	15	5
Lead	µg/g	45	120	120	7	8	7	11	7	7
Molybdenum	µg/g	2	6.9	6.9	<1	<1	<1	<1	<1	1
Nickel	µg/g	37	100	100	9	8	11	18	9	5
Selenium	µg/g	1.2	2.4	2.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Silver	µg/g	0.5	20	20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium	µg/g	1	1	1	<0.1	<0.1	0.1	0.2	0.1	<0.1
Uranium	µg/g	1.9	23	23	0.5	0.5	0.5	0.7	0.3	0.9
Vanadium	µg/g	86 (122)*	86	86	24	27	31	41	22	22
Zinc	µg/g	290	340	340	29	23	30	31	22	12
Inorganic Parameters										
Sodium Adsorption Ratio	N/A	1	5	5	0.17	0.49	0.09	0.65	0.56	3.71
Conductivity	mS/cm	0.47	0.7	0.7	0.194	0.195	0.166	0.163	0.12	0.396
pH	No units	(5-9) surface (5-11) Subsurface	(5-9) surface (5-11) Subsurface	(5-9) surface (5-11) Subsurface	7.44	7.5	7.58	7.47	7.52	7.66

NOTES:

- Ontario Ministry of Environment, Conservation and Parks (MECP), Soil, Groundwater and Sediment Standards for use under Part XV.1 of the Environmental Protection Act, April 2011, Table 1: Full Depth Background Site Condition Standards (SCS) for residential/parkland/institutional/industrial/commercial/community property use.
- Ontario Ministry of Environment, Conservation and Parks (MECP), Soil, Groundwater and Sediment Standards for use under Part XV.1 of the Environmental Protection Act, April 2011, Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition for residential/parkland/institutional property use(coarse grain soil)
- Ontario regulation O.Reg. 406/19, Applicable Excess Soil Quality Standard, Groundwater and Sediment Standards for use under Part XV.1 of the Environmental Protection Act, April 2011, Table 2.1: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition for residential /park/institutional property use(coarse grain soil)

< RDL Non-detectable results are shown as "< (RDL)" where RDL represents the reporting detection limit.

NV No Value

Indicates soil exceedance of MECP Table 1 SCS for residential/park land use

Underline, Indicate soil exceedance of MECP Table 3 Residential/ Parkland/Institutional Property use

NV No Value

Indicates soil exceedance of R406/19 Table 2.1 Residential/ Parkland/Institutional Property use

APPENDIX B:

Laboratory Certificates of Analysis

C.O.C.: G 136255

REPORT No: 25-016777 - Rev. 0

Report To:

EXP Services Inc - Ottawa
2650 Queensview Drive
Suite 100
Ottawa, ON K2B 8H6

CADUCEON Environmental Laboratories

2378 Holly Lane
Ottawa, ON K1V 7P1

Attention: Robert Passmore

DATE RECEIVED: 2025-Jun-11
DATE REPORTED: 2025-Jun-16
SAMPLE MATRIX: Soil

CUSTOMER PROJECT: J.L. Couroux School
P.O. NUMBER: OTT-25006852

Analyses	Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
Conductivity Meter (Solid)	6	OTTAWA	MMIRELLA	2025-Jun-12	A-COND-03	MECP E3530
ICP/MS (Solid)	6	OTTAWA	AOZKAYMAK	2025-Jun-12	D-ICPMS-01	EPA 6020B
ICP/OES (Solid)	6	OTTAWA	GFENTON	2025-Jun-12	D-ICP-02	EPA 6010
SAR analysed by ICPOES (Solid)	6	OTTAWA	GFENTON	2025-Jun-12	D-ICP-02	EPA 6010
Moisture	6	KINGSTON	MLANE	2025-Jun-11	% Moisture	SM 2540
pH Meter (Solid)	6	OTTAWA	MMIRELLA	2025-Jun-16	pH-03	MECP E3530
PHC F1 (Solid)	6	RICHMOND_HILL	JEVANS	2025-Jun-12	C-VPHS-01	CWS Tier 1
PHC F2-4 (Solid)	6	KINGSTON	STHOMPSON	2025-Jun-13	PHC-S-001	CWS Tier 1
VOC-Volatiles (Solid)	6	RICHMOND_HILL	JEVANS	2025-Jun-12	C-VOC-02	EPA 8260

µg/g = micrograms per gram (parts per million) and is equal to mg/Kg

F1 C6-C10 hydrocarbons in µg/g, (F1-btex if requested)

F2 C10-C16 hydrocarbons in µg/g, (F2-naph if requested)

F3 C16-C34 hydrocarbons in µg/g, (F3-pah if requested)

F4 C34-C50 hydrocarbons in µg/g

This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.

Any deviations from the method are noted and reported for any particular sample.

nC6 and nC10 response factor is within 30% of response factor for toluene:

nC10, nC16 and nC34 response factors within 10% of each other:

C50 response factors within 70% of nC10+nC16+nC34 average:

Linearity is within 15%:

All results expressed on a dry weight basis.

Unless otherwise noted all chromatograms returned to baseline by the retention time of nC50.

R.L. = Reporting Limit

NC = Not Calculated

Test methods may be modified from specified reference method unless indicated by an *

Unless otherwise noted all extraction, analysis, QC requirements and limits for holding time were met.

If analyzed for F4 and F4G they are not to be summed but the greater of the two numbers are to be used in application to the CWS PHC

QC will be made available upon request.



Michelle Dubien
Data Specialist

CADUCEON Environmental Laboratories Certificate of Analysis

Final Report

REPORT No: 25-016777 - Rev. 0

			Client I.D.	BH-1 (0-2)'	BH-2 (2.5-4.5)'	BH-4 (0-2)'	BH-5 (2-3)'	BH-6 (7.5-9.5)'
			Sample I.D.	25-016777-1	25-016777-2	25-016777-3	25-016777-4	25-016777-5
			Date Collected	2025-06-06	2025-06-06	2025-06-06	2025-06-05	2025-06-06
Parameter	Units	R.L.		-	-	-	-	-
Conductivity @25°C	mS/cm	0.001		0.194	0.195	0.166	0.163	0.120
pH @25°C	-	-		7.44	7.50	7.58	7.47	7.52
Sodium Adsorption Ratio	-	-		0.17	0.49	0.09	0.65	0.56
Barium	µg/g	1		123	124	219	287	124
Beryllium	µg/g	0.2		0.3	0.3	0.4	0.7	0.2
Boron	µg/g	0.5		3.9	4.2	4.7	4.9	4.7
Cadmium	µg/g	0.5		<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	µg/g	1		16	12	15	22	9
Cobalt	µg/g	1		5	4	6	9	7
Copper	µg/g	1		8	13	11	17	15
Lead	µg/g	5		7	8	7	11	7
Molybdenum	µg/g	1		<1	<1	<1	<1	<1
Nickel	µg/g	1		9	8	11	18	9
Vanadium	µg/g	1		24	27	31	41	22
Zinc	µg/g	3		29	23	30	31	22
Antimony	µg/g	0.5		<0.5	<0.5	<0.5	<0.5	<0.5
Arsenic	µg/g	0.5		1.4	1.8	1.9	3.5	1.4
Selenium	µg/g	0.5		<0.5	<0.5	<0.5	<0.5	<0.5
Silver	µg/g	0.2		<0.2	<0.2	<0.2	<0.2	<0.2
Thallium	µg/g	0.1		<0.1	<0.1	0.1	0.2	0.1
Uranium	µg/g	0.1		0.5	0.5	0.5	0.7	0.3



Michelle Dubien
Data Specialist

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		Client I.D.	BH-7 (2.5-4.5)
		Sample I.D.	25-016777-6
		Date Collected	2025-06-05
Parameter	Units	R.L.	-
Benzene	µg/g	0.02	<0.02
Ethylbenzene	µg/g	0.02	<0.02
Toluene	µg/g	0.2	<0.2
Xylene, m,p-	µg/g	0.03	<0.03
Xylene, m,p,o-	µg/g	0.03	<0.03
Xylene, o-	µg/g	0.03	<0.03
PHC F1 (C6-C10)	µg/g	10	<10
PHC F2 (>C10-C16)	µg/g	5	9
PHC F3 (>C16-C34)	µg/g	10	19
PHC F4 (>C34-C50)	µg/g	10	11
Moisture	%	-	4.55



Michelle Dubien
Data Specialist

CADUCEON Environmental Laboratories Certificate of Analysis

Final Report

REPORT No: 25-016777 - Rev. 0

			Client I.D.	BH-1 (0-2)'	BH-2 (2.5-4.5)'	BH-4 (0-2)'	BH-5 (2-3)'	BH-6 (7.5-9.5)'
			Sample I.D.	25-016777-1	25-016777-2	25-016777-3	25-016777-4	25-016777-5
			Date Collected	2025-06-06	2025-06-06	2025-06-06	2025-06-05	2025-06-06
Parameter	Units	R.L.		-	-	-	-	-
Benzene	µg/g	0.02		<0.02	<0.02	<0.02	<0.02	<0.02
Ethylbenzene	µg/g	0.02		<0.02	<0.02	<0.02	<0.02	<0.02
Toluene	µg/g	0.2		<0.2	<0.2	<0.2	<0.2	<0.2
Xylene, m,p-	µg/g	0.03		<0.03	<0.03	<0.03	<0.03	<0.03
Xylene, m,p,o-	µg/g	0.03		<0.03	<0.03	<0.04	<0.04	<0.04
Xylene, o-	µg/g	0.03		<0.03	<0.03	<0.03	<0.03	<0.03
PHC F1 (C6-C10)	µg/g	10		<10	<10	<10	<10	<10
PHC F2 (>C10-C16)	µg/g	5		<5	<5	<5	<5	<5
PHC F3 (>C16-C34)	µg/g	10		<10	<10	14	<10	<10
PHC F4 (>C34-C50)	µg/g	10		<10	<10	<10	<10	<10
Moisture	%	-		8.47	5.01	8.59	13.1	10.4



Michelle Dubien
Data Specialist

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CADUCEON Environmental Laboratories Certificate of Analysis

Final Report
REPORT No: 25-016777 - Rev. 0

		Client I.D.	BH-7 (2.5-4.5)
		Sample I.D.	25-016777-6
		Date Collected	2025-06-05
Parameter	Units	R.L.	-
Conductivity @25°C	mS/cm	0.001	0.396
pH @25°C	-	-	7.66
Sodium Adsorption Ratio	-	-	3.71
Barium	µg/g	1	124
Beryllium	µg/g	0.2	0.3
Boron	µg/g	0.5	9.2
Cadmium	µg/g	0.5	<0.5
Chromium	µg/g	1	10
Cobalt	µg/g	1	4
Copper	µg/g	1	5
Lead	µg/g	5	7
Molybdenum	µg/g	1	1
Nickel	µg/g	1	5
Vanadium	µg/g	1	22
Zinc	µg/g	3	12
Antimony	µg/g	0.5	<0.5
Arsenic	µg/g	0.5	1.9
Selenium	µg/g	0.5	<0.5
Silver	µg/g	0.2	<0.2
Thallium	µg/g	0.1	<0.1
Uranium	µg/g	0.1	0.9



Michelle Dubien
Data Specialist

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APPENDIX C: Borehole Logs

Page. 1 of 1

Shear Strength by

Run No.	Depth (m)	% Rec.	RQD %
---------	-----------	--------	-------

LOG OF BOREHOLE JL COUROUX SCHOOL.GPJ TROW OTTAWA.GDT 6/19/25

Figure No. 4

Page. 1 of 1

Date Drilled: 'June 6, 2025

Combustible Vapour Reading

Natural Moisture Content

Atterberg Limits 

Undrained Triaxial at

% Strain at Failure Shear Strength by

NOTES:

1. Borehole data requires interpretation by EXP before use by others
2. Borehole backfilled upon completion of drilling.
3. Field work supervised by an EXP representative.
4. See Notes on Sample Descriptions
5. Log to be read with EXP Report OTT-25006852-A0

WATER LEVEL RECORDS		
Date	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

LOG OF BOREHOLE JL COUROUX SCHOOL.GPJ TROW OTTAWA.GDT 6/19/25

Log of Borehole BH25-03



Project No: OTT-25006852-A0

Project: Proposed Classroom Addition - École Élémentaire Catholique J.-L.-Couroux

Location: 10 Findlay Avenue, Carleton Place, Ontario

Figure No. 5

Page. 1 of 1

Date Drilled: June 5, 2025

Drill Type: CME 55 LC- Track Mounted Drill Rig

Datum: Geodetic Elevation

Logged by: SA Checked by: MZ

Split Spoon Sample ☒

Auger Sample ☒

SPT (N) Value ☐

Dynamic Cone Test ☐

Shelby Tube ☐

Shear Strength by
Vane Test ☐

Combustible Vapour Reading ☐

Natural Moisture Content ☒

Atterberg Limits ☐

Undrained Triaxial at
% Strain at Failure ☐

Shear Strength by
Penetrometer Test ☒

G W L	S Y M B O L	SOIL DESCRIPTION	Geodetic Elevation m	D e p t h m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			S A M P L E S	Natural Unit Wt. kN/m³	
					20	40	60	80	250	500	750			
					Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)					
					50	100	150	200		20	40	60		
	SL	TOPSOIL ~ 100 mm thick	138.25	0										
		FILL Silty sand with gravel and silty clay pockets, contains rock fragments, inclusions of topsoil, roots and rootlets, brown, moist, no odours, no stains, (loose)	138.2	8 ⊙						×				SS1
		Augers grinding below 0.60 m depth on possible cobbles and boulders												
				7, then 50 for 127 mm ⊙						×				SS2
		Auger Refusal at 1.1 m Depth	137.2	1										

NOTES:

- Borehole data requires interpretation by EXP before use by others
- Borehole backfilled upon completion of drilling.
- Field work supervised by an EXP representative.
- See Notes on Sample Descriptions
- Log to be read with EXP Report OTT-25006852-A0

WATER LEVEL RECORDS

Date	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

Log of Borehole BH25-04



Project No: OTT-25006852-A0

Project: Proposed Classroom Addition - École Élémentaire Catholique J.-L.-Couroux

Location: 10 Findlay Avenue, Carleton Place, Ontario

Figure No. 6

Page. 1 of 1

Date Drilled: June 5, 2025

Drill Type: CME 55 LC- Track Mounted Drill Rig

Datum: Geodetic Elevation

Logged by: SA Checked by: MZ

Split Spoon Sample ☒

Auger Sample ☒

SPT (N) Value ☐

Dynamic Cone Test ☐

Shelby Tube ☒

Shear Strength by
Vane Test ☐

Combustible Vapour Reading ☐

Natural Moisture Content ☒

Atterberg Limits ☐

Undrained Triaxial at
% Strain at Failure ☐

Shear Strength by
Penetrometer Test ☒

G W L	S Y M B O L	SOIL DESCRIPTION	Geodetic Elevation m	D e p t h m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			S A M P L E S	Natural Unit Wt. kN/m³
					20	40	60	80	250	500	750		
					Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
					50	100	150	200	20	40	60		
		TOPSOIL ~ 125 mm thick	137.36	0									
		FILL Silty sand and gravel with silty clay pockets, topsoil inclusions, roots and rootlets, rock fragments, brown, moist, no odours, no stains, (compact)	137.2	17									SS1
		Auger Refusal at 0.6 m Depth	136.8										
		Note: 1) SS1 sample submitted for environmental laboratory analyses.											

NOTES:

- Borehole data requires interpretation by EXP before use by others
- Borehole backfilled upon completion of drilling.
- Field work supervised by an EXP representative.
- See Notes on Sample Descriptions
- Log to be read with EXP Report OTT-25006852-A0

WATER LEVEL RECORDS

Date	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

Log of Borehole BH25-05



Project No: OTT-25006852-A0

Project: Proposed Classroom Addition - École Élémentaire Catholique J.-L.-Couroux

Location: 10 Findlay Avenue, Carleton Place, Ontario

Figure No. 7

Page. 1 of 1

Date Drilled: June 5, 2025

Drill Type: CME 55 LC- Track Mounted Drill Rig

Datum: Geodetic Elevation

Logged by: SA Checked by: MZ

Split Spoon Sample ☒

Auger Sample ☒

SPT (N) Value ☐

Dynamic Cone Test ☐

Shelby Tube ☒

Shear Strength by Vane Test ☐

Combustible Vapour Reading ☐

Natural Moisture Content ☒

Atterberg Limits ☐

Undrained Triaxial at % Strain at Failure ☐

Shear Strength by Penetrometer Test ☒

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	Depth m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Wt. kN/m³
					20	40	60	80	250	500	750		
					Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
					50	100	150	200	20	40	60		
		TOPSOIL ~ 200 mm thick	137.73	0									
		FILL Silty sand and gravel with silty clay pockets, inclusions of topsoil, roots and rootlets, rock fragments, dark brown to brown, damp to moist, no odours, no stains, (very loose to dense)	137.5	3									SS1
				6, then 50 for 50mm									SS2
		Auger Refusal at 1.0 m Depth	136.7	1									
		Note: 1) SS2 sample submitted for environmental laboratory analyses.											

NOTES:

- Borehole data requires interpretation by EXP before use by others
- Borehole backfilled upon completion of drilling.
- Field work supervised by an EXP representative.
- See Notes on Sample Descriptions
- Log to be read with EXP Report OTT-25006852-A0

WATER LEVEL RECORDS

Date	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

Log of Borehole BH25-06



Project No: OTT-25006852-A0

Project: Proposed Classroom Addition - École Élémentaire Catholique J.-L.-Couroux

Location: 10 Findlay Avenue, Carleton Place, Ontario

Figure No. 8

Page. 1 of 1

Date Drilled: June 6, 2025

Drill Type: CME 55 LC- Track Mounted Drill Rig

Datum: Geodetic Elevation

Logged by: SA Checked by: MZ

Split Spoon Sample ☒

Auger Sample ☒

SPT (N) Value ☐

Dynamic Cone Test ☐

Shelby Tube ☒

Shear Strength by Vane Test ☐

Combustible Vapour Reading ☐

Natural Moisture Content ☒

Atterberg Limits ☐

Undrained Triaxial at % Strain at Failure ☐

Shear Strength by Penetrometer Test ☒

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	Depth m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Wt. kN/m³				
					Shear Strength	20	40	60	80	250	500			750			
															Natural Moisture Content %		
															Atterberg Limits (% Dry Weight)		
		TOPSOIL ~ 125 mm thick	137.42	0	11									SS1			
		FILL Silty sand with gravel, inclusions of roots, rootlets, rock fragments and topsoil, brown, moist, no odours, no stains, (very loose to dense)	137.4														
		Augers grinding below 2.1 m depth on possible cobbles and boulders.		1	24									SS2			
				2	33									SS3			
		Wet below 2.3 m depth			2									SS4			
			134.62														
		DOLOSTONE BEDROCK Sandy, with sandstone partings, grey and brown	134.5	3										RUN1			
				4										RUN2			
														27.6			
		Borehole Terminated at 4.6 m Depth	132.8														
		Note: 1) SS4 sample submitted for environmental laboratory analyses.															

NOTES:

- Borehole data requires interpretation by EXP before use by others
- A 19 mm diameter standpipe installed as shown.
- Field work supervised by an EXP representative.
- See Notes on Sample Descriptions
- Log to be read with EXP Report OTT-25006852-A0

WATER LEVEL RECORDS

Date	Water Level (m)	Hole Open To (m)
June 16, 2025	2.8	

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %
1	2.9 - 3.1	100	100
2	3.1 - 4.6	93	75

LOG OF BOREHOLE - JL COURNOUX SCHOOL.GPJ TROW OTTAWA.GDT 6/19/25

Log of Borehole BH25-07



Project No: OTT-25006852-A0

Project: Proposed Classroom Addition - École Élémentaire Catholique J.-L.-Couroux

Location: 10 Findlay Avenue, Carleton Place, Ontario

Figure No. 9

Page. 1 of 1

Date Drilled: June 5, 2025

Drill Type: CME 55 LC- Track Mounted Drill Rig

Datum: Geodetic Elevation

Logged by: SA Checked by: MZ

Split Spoon Sample ☒

Auger Sample ☒

SPT (N) Value ☐

Dynamic Cone Test ☐

Shelby Tube ☐

Shear Strength by Vane Test ☐

Combustible Vapour Reading ☐

Natural Moisture Content ☒

Atterberg Limits ☐

Undrained Triaxial at % Strain at Failure ☐

Shear Strength by Penetrometer Test ☒

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	Depth m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Wt. kN/m³	
					20	40	60	80	250	500	750			
					Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)					
					50	100	150	200		20	40	60		
		ASPHALT ~ 40 mm thick	137.95	0										
		GRANULAR FILL ~110 mm thick	137.9		16					×				SS1
		Crusher run, grey, damp, (compact)	137.8		○									
		FILL												
		Silty sand and gravel, inclusions of rock fragments, roots, rootlets, and topsoil, brown, damp to moist, no odours, no stains, (compact)		1	16					×				SS2
		Augers grinding below 0.60 m depth on possible cobbles and boulders	136.5		○									
		Auger Refusal at 1.5 m Depth												
		Note:												
		1) SS2 sample submitted for environmental laboratory analyses.												

NOTES:

- Borehole data requires interpretation by EXP before use by others
- Borehole backfilled upon completion of drilling.
- Field work supervised by an EXP representative.
- See Notes on Sample Descriptions
- Log to be read with EXP Report OTT-25006852-A0

WATER LEVEL RECORDS

Date	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

Log of Borehole BH25-08



Project No: OTT-25006852-A0

Project: Proposed Classroom Addition - École Élémentaire Catholique J.-L.-Couroux

Location: 10 Findlay Avenue, Carleton Place, Ontario

Figure No. 10

Page. 1 of 1

Date Drilled: June 5, 2025

Drill Type: CME 55 LC- Track Mounted Drill Rig

Datum: Geodetic Elevation

Logged by: SA Checked by: MZ

Split Spoon Sample ☒

Auger Sample ☐

SPT (N) Value ☐

Dynamic Cone Test ☐

Shelby Tube ☐

Shear Strength by
Vane Test ☐

Combustible Vapour Reading ☐

Natural Moisture Content ☒

Atterberg Limits ☐

Undrained Triaxial at
% Strain at Failure ☐

Shear Strength by
Penetrometer Test ☐

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	Depth m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Wt. kN/m³
									250	500	750		
					Shear Strength				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
					kPa								
					20	40	60	80					
					50	100	150	200					
		TOPSOIL ~85 mm thick	137.97	0									
		FILL Silty sand with gravel, inclusions of roots and rootlets, rock fragments and topsoil, moist, dark brown, no odours, no stains, (loose)	137.9	0									
		DOLOSTONE BEDROCK Sandy, with sandstone partings, grey and reddish brown	137.6	0									
				1									
				2									
				3									
			134.97	3									
			134.9	3									
		Borehole Terminated at 3.1 m Depth											

NOTES:

- Borehole data requires interpretation by EXP before use by others
- A 19 mm diameter standpipe installed as shown.
- Field work supervised by an EXP representative.
- See Notes on Sample Descriptions
- Log to be read with EXP Report OTT-25006852-A0

WATER LEVEL RECORDS

Date	Water Level (m)	Hole Open To (m)
June 16, 2025	3.0	

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %
1	0.4 - 1.6	89	51
2	1.6 - 3.1	85	68

LOG OF BOREHOLE JL COURNOUX SCHOOL.GPJ TROW OTTAWA.GDT 6/19/25

Log of Borehole BH25-09



Project No: OTT-25006852-A0

Project: Proposed Classroom Addition - École Élémentaire Catholique J.-L.-Couroux

Location: 10 Findlay Avenue, Carleton Place, Ontario

Figure No. 11

Page. 1 of 1

Date Drilled: June 6, 2025

Drill Type: CME 55 LC- Track Mounted Drill Rig

Datum: Geodetic Elevation

Logged by: SA Checked by: MZ

Split Spoon Sample ☒

Auger Sample ☒

SPT (N) Value ☐

Dynamic Cone Test ☐

Shelby Tube ☐

Shear Strength by
Vane Test ☐

Combustible Vapour Reading ☐

Natural Moisture Content ☒

Atterberg Limits ☐

Undrained Triaxial at
% Strain at Failure ☐

Shear Strength by
Penetrometer Test ☐

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	Depth m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Wt. kN/m³
					20	40	60	80	250	500	750		
					Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
					50	100	150	200	20	40	60		
		TOPSOIL ~ 175 mm thick	137.56	0									
		FILL Silty sand and gravel, with rock fragments and topsoil inclusions, moist, brown, no odours, no stains, (loose)	137.4	4						X			SS1
		Auger Refusal at 0.8 m Depth	136.8										

NOTES:

- Borehole data requires interpretation by EXP before use by others
- Borehole backfilled upon completion of drilling.
- Field work supervised by an EXP representative.
- See Notes on Sample Descriptions
- Log to be read with EXP Report OTT-25006852-A0

WATER LEVEL RECORDS

Date	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

Log of Borehole BH25-10



Project No: OTT-25006852-A0

Project: Proposed Classroom Addition - École Élémentaire Catholique J.-L.-Couroux

Location: 10 Findlay Avenue, Carleton Place, Ontario

Figure No. 12

Page. 1 of 1

Date Drilled: June 5, 2025

Drill Type: CME 55 LC- Track Mounted Drill Rig

Datum: Geodetic Elevation

Logged by: SA Checked by: MZ

Split Spoon Sample ☒

Auger Sample ☒

SPT (N) Value ☐

Dynamic Cone Test ☐

Shelby Tube ☐

Shear Strength by
Vane Test ☐

Combustible Vapour Reading ☐

Natural Moisture Content ☒

Atterberg Limits ☐

Undrained Triaxial at
% Strain at Failure ☐

Shear Strength by
Penetrometer Test ☐

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	Depth m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Wt. kN/m³	
					20	40	60	80	250	500	750			
					Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)					
					50	100	150	200	20	40	60			
		TOPSOIL ~100 mm thick	138.35	0										
		FILL Silty sand and gravel, with rock fragments and topsoil inclusions, brown, moist, no odours, no stains, (compact)	138.3	13										SS1
		Augers grinding below 0.6 m on possible cobbles and boulders		6, and 50 for 127mm										SS2
		Auger Refusal at 1.2 m Depth	137.2	1										

NOTES:

- Borehole data requires interpretation by EXP before use by others
- Borehole backfilled upon completion of drilling.
- Field work supervised by an EXP representative.
- See Notes on Sample Descriptions
- Log to be read with EXP Report OTT-25006852-A0

WATER LEVEL RECORDS

Date	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %