



## Soil Characterization Report

Conseil des écoles catholiques du Centre-Est (CECCE)

Proposed New Elementary School

3290 Findlay Creek, Ottawa, Ontario

**Client:**

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## 1. Introduction

EXP Services Inc. (EXP) was retained by Le Conseil des écoles catholiques du Centre-Est (CECCE) to prepare a Soil Quality Report in support of the construction of a new elementary school to be located at 3290 Findlay Creek, Ottawa, Ontario, hereinafter referred to as the 'Site' (Figure 1 in Appendix A).

The site is located in an area of formerly agricultural land that has been recently developed for residential 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. This means that an Assessment of Past Uses (APU), Sampling and Analysis Plan and project registration is not required for this project. Consequently, this assessment has been completed as a due diligence investigation to support decisions related to both on-site soil reuse and off-site soil management and is not intended to support registration as per O.Reg. 406/19.

## 2. 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 soil, onsite, and where onsite reuse is not possible, provide recommendations on excess soil that is generated during construction in accordance with Ontario Regulation 406/19.

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

### 3. Scope of Work

The sampling program was based on the “*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). As the Site is considered low-risk, the soil characterization proceeded on a due diligence basis. EXP used a due diligence sampling program using the Qualified Person Community of Ontario (QPCO) draft Best Practices Guidance document.

This Soil Quality Report is preceded by one (1) previous report that was completed for the Site:

- EXP Services Inc., *Phase One Environmental Site Assessment, 3290 Findlay Creek, Ottawa, Ontario* dated July 17, 2025;

The above noted Phase One ESA serves as the Assessment of Past Uses (APU) and is considered to satisfy the requirements set out in O.Reg. 406/19. No potentially contaminating activities (PCAs) or areas of potential environmental concern (APECs) were identified on the Site.

The soil sampling program was completed for preliminary purposes only. The total volume of excess soil to be generated by construction is unknown.

The estimated volume of excess soil to be generated during construction is unknown. Based on a due diligence sampling program as per the QPCO draft Best Practices Guidance document, the eighteen (18) total samples account for the sampling program below:

- 3 samples up to 600 m<sup>3</sup> = 3 samples
- 1 sample per 400 m<sup>3</sup> between 601 and 1,000 m<sup>3</sup> = 1 sample
- 1 sample per 500 m<sup>3</sup> between 1,001 and 5,000 m<sup>3</sup> = 8 samples
- 1 sample per 1,000 m<sup>3</sup> between 5,001 and 10,000 m<sup>3</sup> = 5 samples
- 1 sample per 2,000 m<sup>3</sup> between 10,001 and 20,000 m<sup>3</sup> = 1 sample

Therefore, the samples submitted accounts for approximately 12,000 m<sup>3</sup> of excess soil.

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

- petroleum hydrocarbons (PHC) (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); and
- 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.

As no PCAs or APECs were identified in the Phase One ESA, soil samples were submitted for analytical testing of the minimum requirements stipulated under Ontario Regulation 406/19.

## 4. Soil Sampling

On October 2, 2025, in conjunction with a geotechnical investigation, EXP collected eighteen (18) soil samples and two (2) duplicate samples during the advancement of eighteen (18) test pits denoted as TP25-1 to TP25-18 in Figure 2 in Appendix A. The draft test pit logs for each test pit are presented in Appendix D.

The soil samples were directly collected from select test pits by EXP using sampling methodology consistent with best practices. Upon collection, the soil samples were placed into laboratory-supplied sample jars. All sample jars were properly handled and preserved as per O.Reg. 406/19 requirements prior to prompt transportation to an accredited analytical laboratory, Bureau Veritas Laboratories (BVL) of Ottawa, Ontario. The soil samples were transported to the laboratory under chain of custody protocols. The soil samples collected were submitted for laboratory analysis of BTEX, PHC, metals and inorganics (EC, SAR, pH).

## 5. Soil Quality Standards

### 5.1. Potential Soil Reuse (On-Site)

Analytical results obtained for soil samples were compared to Site Condition Standards (SCS) established under subsection 169.4(1) of the Environmental Protection Act, and presented in the document entitled *Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act, 2011*. This document provides tabulated background SCS (Table 1) applicable to environmentally sensitive sites and effects-based generic SCS (Tables 2 to 9) applicable to non-environmentally sensitive sites. The effects-based SCS (Tables 2 to 9) are protective of human health and the environment for different groundwater conditions (potable and non-potable), land use scenarios (residential, parkland, institutional, commercial, industrial, community and agricultural/other), soil texture (coarse or medium/fine) and restoration depth (full or stratified).

Table 1 to 9 SCS are summarized as follows:

- Table 1 – applicable to sites where background concentrations must be met (full depth), such as sensitive sites where site-specific criteria have not been derived
- Table 2 – applicable to sites with potable groundwater and full depth restoration
- Table 3 – applicable to sites with non-potable groundwater and full depth restoration
- Table 4 – applicable to sites with potable groundwater and stratified restoration
- Table 5 – applicable to sites with non-potable groundwater and stratified restoration
- Table 6 – applicable to sites with potable groundwater and shallow soils (bedrock encountered at depths of 2 metres or less across one-third or more of the site)
- Table 7 – applicable to sites with non-potable groundwater and shallow soils (bedrock encountered at depths of 2 metres or less across one-third or more of the site)
- Table 8 – applicable to sites with potable groundwater and that are within 30 m of a water body
- Table 9 – applicable to sites with non-potable groundwater and that are within 30 m of a water body

Application of the generic or background SCS to a specific site is based on a consideration of site conditions related to soil pH, thickness and extent of overburden material, and proximity to an area of environmental sensitivity or of natural significance. For some chemical parameters, consideration is also given to soil textural classification with SCS having been derived for both coarse and medium-fine textured soil conditions.

For assessment purposes, EXP selected the Table 3 Full Depth Generic Site Condition Standards in a Non-Potable Groundwater Condition for Residential/Parkland/Institutional land use and coarse textured soil.

### 5.2. Excess Soil (Off-Site Removal)

In December 2019, the MECP enacted a new regulation under the Environmental Protection Act, entitled Ontario Regulation 406/19 On-Site and Excess Soil Management, to support improved management of excess construction soil. The goal of the new regulation is to reduce soil management costs, while protecting human health and the environment.

Analytical results obtained from the Site's soil samples were assessed against the generic Excess Soil Quality Standards (ESQS) as established under the Environmental Protection Act and regulated under O. Reg 406/19. Tabulated background ESQS (Table 1) applicable to environmentally sensitive sites and effects based generic ESQS (Tables 2.1 to 9.1) applicable to non-environmentally sensitive sites are provided in the accompanying "Rules for Soil Management and Excess Soil Quality Standards" (MECP 2019) document. The effects-based ESQS (Tables 2.1 to 9.1) are protective of human health and the environment for different groundwater conditions (potable and non-potable), land use scenarios (residential, parkland, institutional, commercial, industrial, community and agricultural/other), and restoration depth (full or stratified).

Tables 1 and 2.1 to 9.1 of MECP (2019) are summarized as follows:

- Table 1 – applicable to sites where background concentrations must be met (full depth), such as sensitive sites where site-specific criteria have not been derived;

- Table 2.1 – applicable to sites with potable groundwater and full depth restoration;
- Table 3.1 – applicable to sites with non-potable groundwater and full depth restoration;
- Table 4.1 – applicable to sites with potable groundwater and stratified restoration;
- Table 5.1 – applicable to sites with non-potable groundwater and stratified restoration;
- Table 6.1 – applicable to sites with potable groundwater and shallow soils;
- Table 7.1 – applicable to sites with non-potable groundwater and shallow soils;
- Table 8.1 – applicable to sites with potable groundwater and that are within 30 m of a water body; and,
- Table 9.1 – applicable to sites with non-potable groundwater and that are within 30 m of a water body.

Application of the generic or background ESQS to a specific site is based on a consideration of site conditions related to soil pH (i.e., surface and subsurface soil), thickness and extent of overburden material, (i.e., shallow soil conditions), and proximity to an area of environmental sensitivity or of natural significance.

Samples were compared to Table 1 residential/parkland/institutional (PRI) and industrial/commercial/community (ICC) SCS, Table 2.1 ICC ESQS, Table 4.1 ICC ESQS, and Table 6.1 ICC ESQS.

## 6. 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 BVL reflects their QA/QC validation essentials. BVL 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*.

## 7. Results

### 7.1. Subsurface Conditions

Fill material was encountered at ground surface at all test pit locations. The composition of the fill material was variable across the Site with a mixture of silty sand with gravel with some rock fragments, wood and other deleterious material. Fill was present overlying peat or glacial till with an average thickness of between 2.5 m and 3.0 m.

A layer of peat was encountered throughout the central quadrant of the Site; it is present beneath the fill material and the underlying native glacial till layer. The peat layer has variable thickness where encountered, varying between approximately 0.75m to upwards of greater than 3.0 m in some areas. Overall thickness of the peat layer was roughly estimated to be of the order of approximately 2.0 m and was present across approximately 50% of the overall site area.

A glacial till layer was encountered beneath the fill and peat layers across the entire Site. The glacial till was noted to have a compact to dense relative density in a partially to fully saturated condition.

The subsurface conditions are discussed in greater detail in the geotechnical investigation report completed by EXP, provided under separate cover.

### 7.2. Soil Analytical Results

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

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

#### 7.2.1. BTEX and PHCs (F1-F4)

All of the soil samples collected from the site met the Table 1 RPI/ICC SCS for BTEX or PHC.

#### 7.2.2. Metals

All of the soil samples collected from the site met the Table 1 RPI/ICC SCS for metals.

#### 7.2.3. Inorganics (EC/SAR)

Four of the soil samples and a duplicate sample (TP25-5 GS-1, TP25-10 GS-1 (and duplicate), TP25-13 GS-1, and TP25-15 GS-1) exceeded the Table 1 RPI /ICC SCS and the Table 3 RPI SCS for electrical conductivity (EC). All of these samples were shallow samples (between 0.0 and 0.9 m bgs) collected from the fill material. Based on the results, and considering the sample locations were located adjacent to roadways, the Table 1 RPI/ICC and Table 3 RPI SCS exceedance for EC can be contributed to road salting activities from winter hazard prevention activities.

All of the remaining samples met the Table 1 RPI/ICC SCS for inorganics.

All of the soil samples reported pH values between 5 and 9 and are therefore within the acceptable range for both surface and subsurface reuse either onsite or offsite.

Sample locations are included in Figure 2 in Appendix A. The analytical results and exceedances are included in Tables 1 and 2 in Appendix C. Laboratory certificates of analysis are included in Appendix D.

## 8. Discussion

For general soil management purposes, the analytical results for the sampled soils were first compared against the O.Reg 153/04 Table 3 RPI SCS which are applicable to 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.

### 8.1. Potential Soil Reuse (On-Site)

The future land use for the Project Area is institutional, the parent soil stratum is glacial till, and the fill material is coarse-grained. As such, the applicable provincial criteria associated with soil reuse for the Project Area would be **O.Reg. 153/04 Table 3 SCS for institutional land use and coarse-grained soils.**

Based on the analytical results obtained, **all** of the material which is to be excavated **may be reused on site**, where feasible. The fill material that was impacted by road salting activities should be prioritized to be reused onsite with it being placed in a manner consistent with the Soil Rules (i.e., a minimum of 2 m above bedrock, up to subgrade level in parking areas (where geotechnically suitability has been confirmed, and 1.5 m below finished grade in proposed vegetated landscape areas).

### 8.2. 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. However, excavated soil, removed from a site, is not considered waste if it is brought to an off-site destination where it will be put to a beneficial use, sent to a Class 1 or Class 2 soil management site, or an instrumented local waste transfer facility.

Beneficial use sites (referred to in O.Reg. 406/19 as reuse sites), must have a clearly stated beneficial purpose with which the soil will be used and a Qualified Person should have established the applicable excess soil quality standards for soil quality that will be suitable to be placed at the reuse site. This would typically be part of a reuse site Fill Management Plan prepared by a Qualified Person. Reuse sites that intend to receive more than 10,000 m<sup>3</sup> in total of soil for beneficial reuse purposes are required to register the reuse site with the Resource Productivity and Recovery Authority (RPRA). For those sites, the Qualified Person reviewing the source site soil quality data contained within this SCR may have additional tracking and documentation requirements. Further to the above, there must be written consent between the owner of the reuse site and the Project Leader providing clear permission from the owner of the reuse site to accept the excess soil at their location. EXP can provide further direction on this matter if a reuse site is selected to receive any or all excess soil produced from this project and the regulatory requirements are advanced in greater detail in the recommendations and next steps section of this report.

#### 8.2.1 Bulk Soil

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

1. 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	Number of Samples and Excess Soil Volume Coverage	Highest Quality ESQS Table Met
Fill Material	7 = 3,000 m <sup>3</sup>	TABLE 2.1 (ICC volume independent – O.Reg. 406/19)
Peat	5 = 1,500 m <sup>3</sup>	TABLE 1 (RPI/ICC volume independent – O.Reg. 406/19)
Glacial Till	6 = 2,500 m <sup>3</sup>	TABLE 1 (RPI/ICC volume independent – O.Reg. 406/19)

## 9. Recommendations

Based on the findings of this soil investigation, the following is recommended:

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. Priority should be given to reusing the soil with the poorest soil quality that still meets the site condition standard for reuse. In this instance, the areas with salt impacts in the fill material should be prioritized to reuse onsite to minimize tipping fees at the local reuse sites accepting Table 2.1 RPI/ICC excess soil.
2. Soil that cannot be reused onsite should be sent to a suitable reuse site (either instrumented or not instrumented). It is prudent to note that reuse site Qualified Persons may have modified site condition standards, etc. that would require additional testing. In addition, reuse sites registered with the RPRA will require full soil tracking and will require excess soil destination assessment reports (ESDAR) for all soil being received. The ESDAR essentially takes the information provided in this report and generates figures identifying the areas where excess soil will be excavated and removed from site along with the anticipated volumes and supporting soil quality data.
3. It is recommended that the reuse site(s) should be chosen with a Fill Management Plan (FMP) (if applicable) authored by a QP for a beneficial reuse and to divert the soil from landfill. The FMP will dictate what soil quality is accepted and where it will be used. It is possible that the reuse site may require additional soil quality analysis beyond the O. Reg 406/19 minimums completed for this project prior to accepting the excess soil. As such, the Project Leader may need to “shop around” several reuse sites in order to find one that will accept the excess soil. A reuse site needs to be identified and all necessary documentation requirements fulfilled in accordance with O.Reg 406/19 **prior** to off-site movement unless the soil is being temporarily handled by a licensed Class 2 soil management site or licensed waste transfer site.
4. If the contractor is unable to beneficially reuse the soil on or off-site and the soil must be deposited at a licensed landfill, the contractor should provide the landfill with this report prior to hauling the soil.

## 10. Next Steps

This SCR has been prepared to provide overall soil characterization across the site. The proposed development areas were subject to the bulk of the in-situ soil testing. As a result of the fieldwork programs, three (3) separate types of soil were encountered at the site. The management of this soil, both within the site boundaries and beyond, should be carefully controlled by way of a Soil Management Plan (SMP). By incorporating the findings and recommendations presented in this report into the detailed civil engineering design for the Site, a project specific SMP can be generated to be used to better position excess soil bidding as part of the tendering process. EXP can provide further direction in this matter, upon request.

## 11. 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 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.

EXP Services Inc.



Leah Wells, P.Eng.  
Environmental Engineer  
Earth & Environment



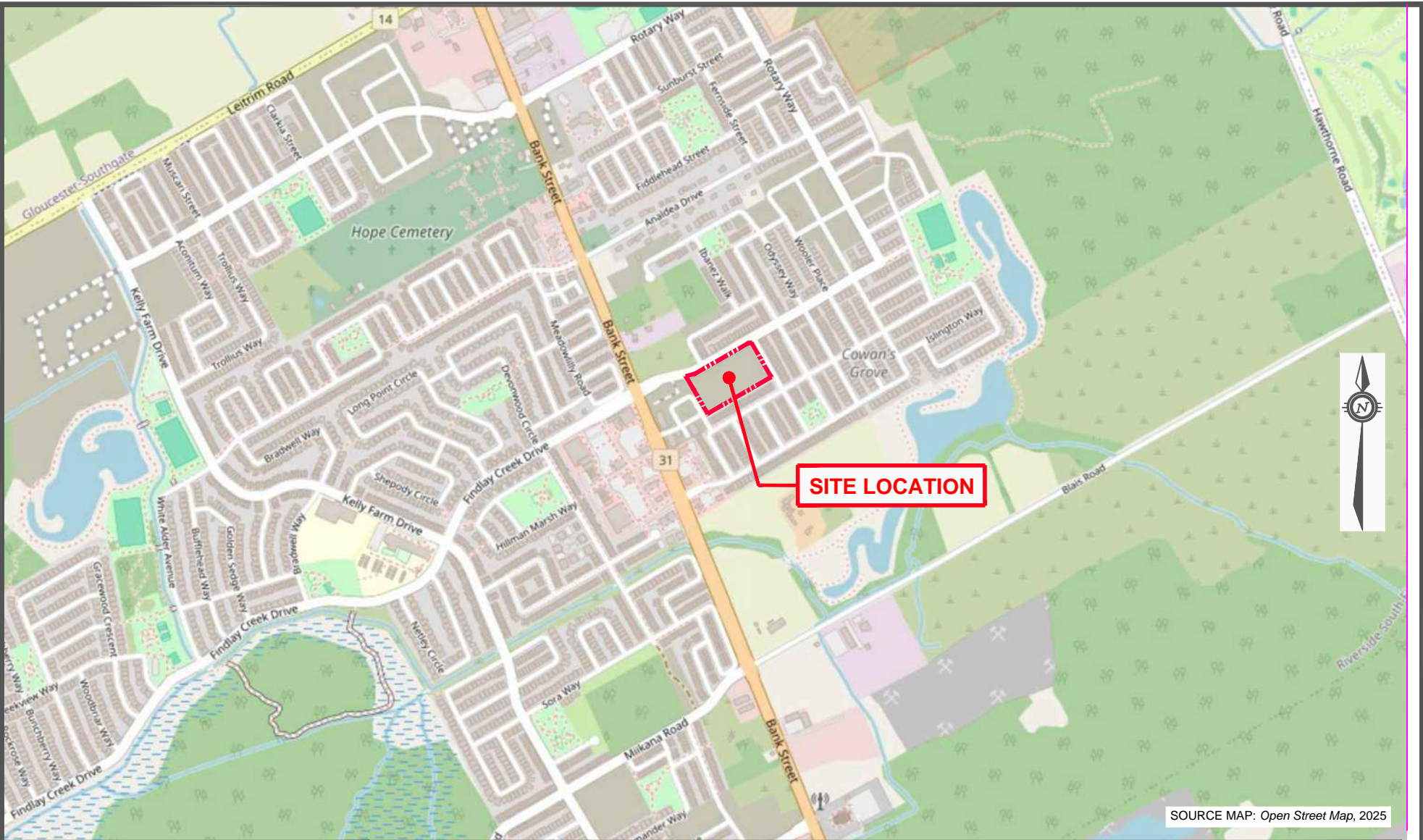
Robert A. Passmore, P.Eng.  
Senior Technical Specialist  
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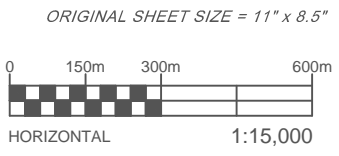
Attachments: Appendix A: Figure  
Appendix B: Test Pit Logs  
Appendix C: Analytical Summary Tables  
Appendix D: Laboratory Certificates of Analysis

## Appendix A: Figures

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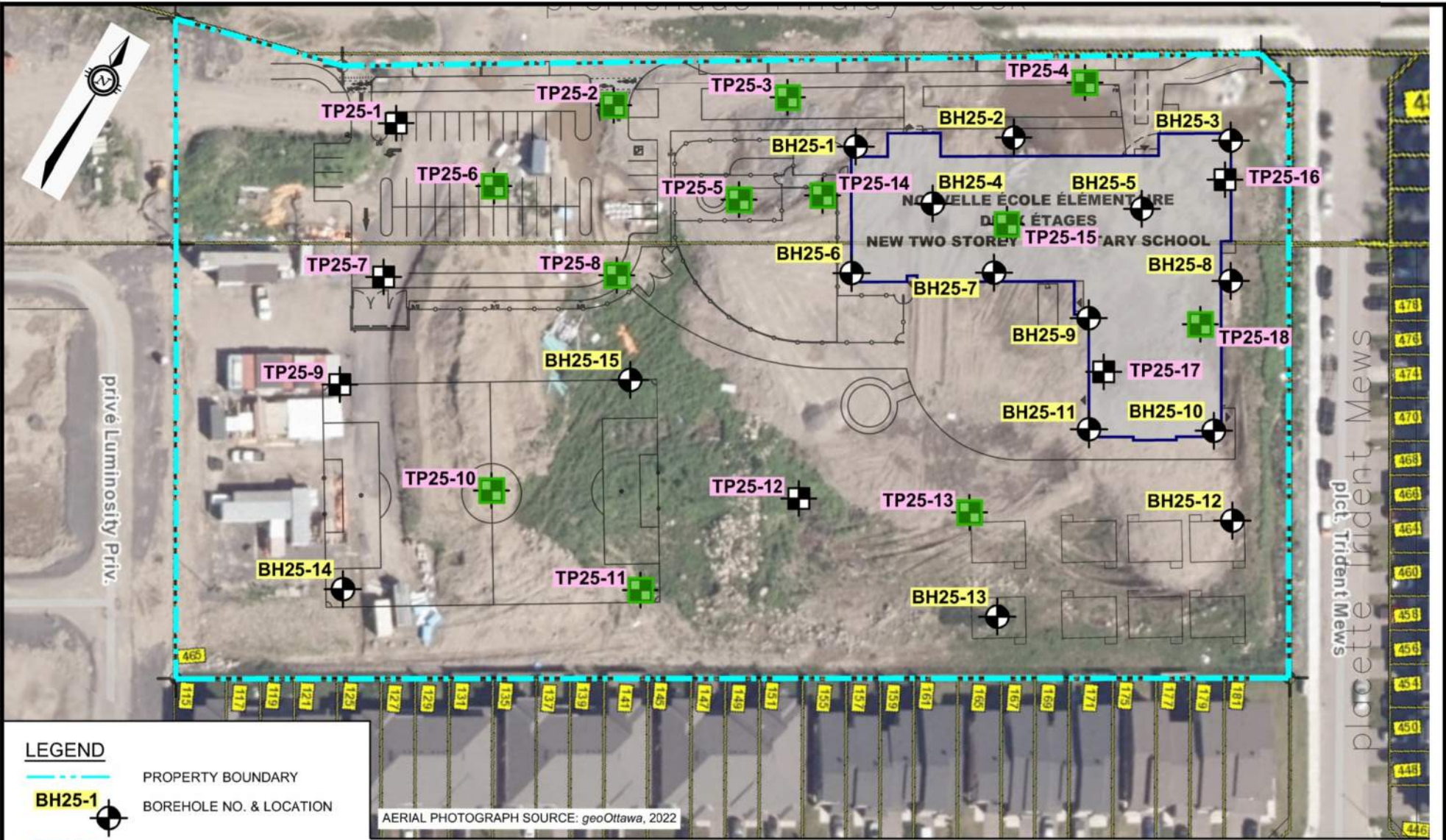
SOURCE MAP: Open Street Map, 2025




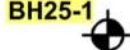
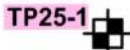

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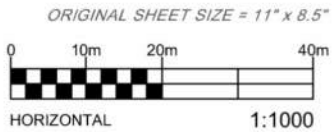
DATE <b>OCTOBER 2025</b>		CLIENT: <b>CONSEIL DES ÉCOLES CATHOLIQUES DU CENTRE-EST (CECCE)</b>	project no. <b>OTT-25006966-A0</b>
DESIGN IT	CHECKED IT	PROJECT: <b>NEW LEITRIM FRENCH CATHOLIC ELEMENTARY SCHOOL</b>	scale <b>1:15,000</b>
DRAWN BY <b>MS</b>		ADDRESS: <b>3290 FINDLAY CREEK DRIVE, OTTAWA, ONTARIO</b>	<b>FIG 1</b>
			<b>SITE LOCATION PLAN</b>

Filename: E:\OTT\OTT-25006966-A0\60\_Execution\65\_Drawings\OTT-25006966-A0\_465-Trident-Mews\_SCR.dwg  
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**LEGEND**

-  PROPERTY BOUNDARY
-  BOREHOLE NO. & LOCATION
-  TEST PIT NO. & LOCATION
-  SOIL SAMPLES MEET TABLE 2.1 ICC ESQS, TABLE 4.1 ESQS, TABLE 6.1 ESQS



AERIAL PHOTOGRAPH SOURCE: geoOttawa, 2022



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DATE OCTOBER 2025		CLIENT: CONSEIL DES ÉCOLES CATHOLIQUES DU CENTRE-EST (CECCE)	project no. OTT-25006966-A0
DESIGN LW / MR	CHECKED CK	PROJECT: SOIL CHARACTERIZATION REPORT (SCR)	scale 1:1,000
DRAWN BY AS		ADDRESS: 3290 FINDLAY CREEK, OTTAWA, ONTARIO	FIG 3
			SOIL SAMPLING EXCEEDANCE PLAN

## Appendix B: Test Pit Logs

# Log of Borehole BH 25-01



Project No: OTT-25006966-A0

Figure No. 3

Project: New CECCE Leitrim French Catholic Elementary School

Page. 1 of 1

Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 02, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CME-55 Track-Mounted Drill Rig

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Logged by: SA Checked by: MZ

Shear Strength by Vane Test

GWL	SOIL DESCRIPTION	Geodetic Elevation m	Depth	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>
				Shear Strength kPa				250	500	750	
				20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)			
		93.98	0								
	<b>FILL</b> Silty sand with gravel, rock fragments, augers grinding, brown, damp, no odours, no stains, (compact)	93.4	11	13 then 50 for 100 mm							SS1
	<b>FILL</b> Topsoil with silty sand, some clay, trace gravel, roots and rootlets, brown and grey, damp, no odours, no stains, (compact)	92.5	1	30							SS2
	<b>SILTY SAND</b> Trace to some gravel, brown, damp to moist, no odours, no stains, (dense)	91.7	2	47							SS3
	<b>GLACIAL TILL</b> Silty sand with gravel, cobbles and boulders, rock fragments, augers grinding, brown, damp, no odours, no stains (very dense)	91.0	3					142			SS4
	<b>Auger Refusal at 3.0 m Depth</b>										

LOG OF BOREHOLE BH-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole data requires interpretation by EXP before use by others
  - Borehole backfilled upon completion
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - Log to be read with EXP Report OTT-25006966-A0

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

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

# Log of Borehole BH 25-02



Project No: OTT-25006966-A0  
 Project: New CECCE Leitrim French Catholic Elementary School  
 Location: 3290 Findlay Creek Drive, Ottawa, Ontario  
 Date Drilled: October 02, 2025  
 Drill Type: CME-55 Track-Mounted Drill Rig  
 Datum: Geodetic Elevation  
 Logged by: SA Checked by: MZ

Figure No. 4  
 Page. 1 of 1

- 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	SOIL OBSERVATIONS	SOIL DESCRIPTION	Geodetic Elevation m	Depth	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>	
					Shear Strength kPa				250	500	750		
					20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)				
		<b>FILL</b> Topsoil and decomposed wood with silty sand with gravel, rock fragments, dark brown, damp, no odours, no stains, (compact)	93.76	0	18					X			SS1
				1		31				X			SS2
			91.7	2	18								SS3
		<b>GLACIAL TILL</b> Silty sand with gravel, brown, moist, no odours, no stains, (very dense)		3			57			X			SS4
				4				16, 66 then 100 for 100 mm		X			SS5
			89.6	4				100 for 75 mm		X			SS6
		<b>Auger Refusal at 4.2 m Depth</b>											

LOG OF BOREHOLE BH-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole data requires interpretation by EXP before use by others
  - Borehole backfilled upon completion
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - Log to be read with EXP Report OTT-25006966-A0

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

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

# Log of Borehole BH 25-03



Project No: OTT-25006966-A0  
 Project: New CECCE Leitrim French Catholic Elementary School  
 Location: 3290 Findlay Creek Drive, Ottawa, Ontario  
 Date Drilled: October 02, 2025  
 Drill Type: CME-55 Track-Mounted Drill Rig  
 Datum: Geodetic Elevation  
 Logged by: SA Checked by: MZ

Figure No. 5  
 Page. 1 of 1

- 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	SOIL	SOIL DESCRIPTION	Geodetic Elevation m	Depth	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>	
					Shear Strength kPa				Natural Moisture Content %				
					20	40	60	80	250	500	750		
		<b>FILL</b> Topsoil with silty sand and gravel, some clay, decomposed wood, rock fragments, brown, damp, organic odours, yellow stains, (compact)	93.13	0	24					X			SS1
				1	16					X			SS2
				2	13					X			SS3
		<b>SILTY SAND</b> Trace to some gravel, brown, damp to moist, no odours, no stains (compact)	90.8	3	15					X			SS4
				4	23					X			SS5
		<b>GLACIAL TILL</b> Silty sand with gravel, grey, wet, no odours, no stains (very dense)	89.63										
			89.3										
		<b>Auger Refusal at 4.3 m Depth</b>	88.8										

LOG OF BOREHOLE BH-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole data requires interpretation by EXP before use by others
  - A 19 mm diameter standpipe was installed as shown
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - Log to be read with EXP Report OTT-25006966-A0

WATER LEVEL RECORDS		
Date	Water Level (m)	Hole Open To (m)
Nov. 4, 2025	3.5	

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

# Log of Borehole BH 25-04



Project No: OTT-25006966-A0  
 Project: New CECCE Leitrim French Catholic Elementary School  
 Location: 3290 Findlay Creek Drive, Ottawa, Ontario  
 Date Drilled: October 06, 2025  
 Drill Type: CME-55 Track-Mounted Drill Rig  
 Datum: Geodetic Elevation  
 Logged by: AN Checked by: MZ

Figure No. 6  
 Page. 1 of 1

- 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	SOIL DESCRIPTION	Geodetic Elevation m	Depth	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>	
				Shear Strength kPa				250	500	750		
				20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)				
	<b>FILL</b> Silty sand with gravel, concrete pieces, wood pieces, topsoil inclusions, decomposed wood, brown, moist, no odours, no stains, (compact)	94.01	0	26								SS1
	<b>FILL</b> Topsoil and decomposed wood with silty sand inclusions, trace gravel, brown, moist, no odours, no stains, (compact)	93.2	1	12								SS2
			2	12								SS3
	<b>GLACIAL TILL</b> Silty sand with gravel, shale fragments, damp to moist, no odours, no stains, (dense to very dense)	91.7	3	36								SS4
			4					118				SS5
		89.81	5					154				SS6
	<b>HIGHLY WEATHERED SHALE</b> Clay to gravel sized rock fragments, grey, wet, no odours, no stains, (very dense)	89.4	6					15, 45 then 50 for 75 mm.				SS7
			7									
			8					113				SS8
	<b>Borehole Terminated at 6.7 m Depth</b>	87.3										

LOG OF BOREHOLE BH-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole data requires interpretation by EXP before use by others
  - A 19 mm diameter piezometer was installed as shown
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - Log to be read with EXP Report OTT-25006966-A0

WATER LEVEL RECORDS		
Date	Water Level (m)	Hole Open To (m)
Nov. 4, 2025	4.2	

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

# Log of Borehole BH 25-05



Project No: OTT-25006966-A0  
 Project: New CECCE Leitrim French Catholic Elementary School  
 Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Figure No. 7  
 Page. 1 of 1

Date Drilled: October 03, 2025  
 Drill Type: CME-55 Track-Mounted Drill Rig  
 Datum: Geodetic Elevation  
 Logged by: AN 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	SOIL DESCRIPTION	Geodetic Elevation m	Depth	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>		
				Shear Strength kPa				250	500	750			
				20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)					
	<b>FILL</b> Topsoil with silty sand and gravel, brown, moist, no odours, no stains, (compact)	93.44	0	17					X				SS1
			1	13					X				SS2
		91.3	2	18					X				SS3
	<b>GLACIAL TILL</b> Silty sand with gravel, rock fragments, cobbles and boulders, augers grinding, moist, no odours, no stains, (very dense)		3					116	X				SS4
			4					80 for 125 mm	X				SS5
	grey and damp below 3.8 m depth		5					55 then 50 for 75 mm	X				SS6
	<b>HIGHLY WEATHERED SHALE BEDROCK</b> Grey, damp, no odours, no stains, (very dense)	88.8	6					50 for 75 mm	X				SS7
			7					50 for 50 mm	X				SS8
	<b>Auger Refusal at 6.1 m Depth</b>	87.3	8										

LOG OF BOREHOLE BH-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole data requires interpretation by EXP before use by others
  - Borehole backfilled upon completion
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - Log to be read with EXP Report OTT-25006966-A0

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

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

# Log of Borehole BH 25-06



Project No: OTT-25006966-A0

Figure No. 8

Project: New CECCE Leitrim French Catholic Elementary School

Page. 1 of 1

Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 03, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CME-55 Track-Mounted Drill Rig

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at

Shelby Tube

% Strain at Failure

Logged by: AN Checked by: MZ

Shear Strength by Vane Test

Shear Strength by Penetrometer Test

G W L	SOIL DESCRIPTION	Geodetic Elevation m	Depth	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>		
				Shear Strength kPa				250	500	750			
				20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)					
	<b>FILL</b> Topsoil with sandy silt and gravel, decomposed wood, brown and black, moist, no odours, no stains	94.41	0	16					X			SS1	
			1	20					X			SS2	
			2	16					X			SS3	
	Gravelly, with clayey pockets below 2.3 m depth		3	13					X			SS4	
	<b>GLACIAL TILL</b> Silty sand with gravel, rock fragments, brown to grey, moist to wet, no odours, no stains, (dense to very dense) Grey below 3.8 m depth, wet below 4.6 m depth	91.4	4	17, 60 then 50 for 75 mm.						X			SS5
			5	56					X			SS6	
			6	38					X			SS7	
			7	59					X			SS8	
	<b>HIGHLY WEATHERED SHALE BEDROCK</b> Clay to gravel size rock fragments, grey, damp, no odours, no stains, (compact to very dense)	89.1	8	26					X			SS9	
			7										
			8	66					X			SS10	
	<b>Borehole Terminated at 8.2 m Depth</b>	86.2											

LOG OF BOREHOLE BH-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole data requires interpretation by EXP before use by others
  - A 19 mm diameter standpipe was installed as shown
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - Log to be read with EXP Report OTT-25006966-A0

WATER LEVEL RECORDS		
Date	Water Level (m)	Hole Open To (m)
Nov. 4, 2025	7.2	

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

# Log of Borehole BH 25-07



Project No: OTT-25006966-A0

Figure No. 9

Project: New CECCE Leitrim French Catholic Elementary School

Page. 1 of 1

Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 06, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CME-55 Track-Mounted Drill Rig

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at

Shelby Tube

% Strain at Failure

Logged by: AN Checked by: MZ

Shear Strength by

Shear Strength by

Vane Test

G W L	L O M E S	SOIL DESCRIPTION	Geodetic Elevation m	D e p t h	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			S M I T E P A S	Natural Unit Wt. kN/m <sup>3</sup>
					Shear Strength kPa				250	500	750		
					20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)				
		<b>FILL</b> Topsoil with silty sand, trace gravel, decomposed wood, brown, moist, no odours, no stains, (loose to compact)	93.94	0	11					X			SS1
				1	11					X			SS2
				2	9					X			SS3
		<b>GLACIAL TILL</b> Silty sand with gravel, rock fragments, brown, damp to moist, no odours, no stains, (very dense)  grey below 3.8 m depth	91.3	3	24					X			SS4
				4	26, 70 then 50 for 75 mm					X			SS5
				5						X			SS6
			89.74	6					101	X			SS7
				7					45, 45 then 50 for 50 mm	X			SS8
		<b>HIGHLY WEATHERED SHALE BEDROCK</b> Clay to gravel sized rock fragments, grey, wet, (very dense)  <b>Borehole Terminated at 6.7 m Depth</b>	87.8 87.2	8						169	X		

LOG OF BOREHOLE BH-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole data requires interpretation by EXP before use by others
  - A 19 mm diameter standpipe was installed as shown
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - Log to be read with EXP Report OTT-25006966-A0

WATER LEVEL RECORDS		
Date	Water Level (m)	Hole Open To (m)
Nov. 4, 2025	4.2	

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

# Log of Borehole BH 25-08



Project No: OTT-25006966-A0  
 Project: New CECCE Leitrim French Catholic Elementary School  
 Location: 3290 Findlay Creek Drive, Ottawa, Ontario  
 Date Drilled: October 02, 2025  
 Drill Type: CME-55 Track-Mounted Drill Rig  
 Datum: Geodetic Elevation  
 Logged by: SA Checked by: MZ

Figure No. 10  
 Page. 1 of 1

- 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	SOILS	SOIL DESCRIPTION	Geodetic Elevation m	Depth	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>	
					Shear Strength kPa				250	500	750		
					20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)				
		<b>FILL</b> Topsoil with silty sand and gravel, rock fragments, roots and rootlets, brown and grey, moist, no odours, red and yellow stains, (loose to compact)	93.28	0	16					X			SS1
				1	9					X			SS2
				2	12					X			SS3
				3	19					X			SS4
		<b>GLACIAL TILL</b> Silty sand with gravel, rock fragments, brown to grey, wet, no odours, no stains, (dense to very dense) Grey below 3.8 m depth	90.3	3		55				X			SS5
			89.48	4		44				X			SS6
		<b>Auger Refusal at 4.5 m Depth</b>	88.8										

LOG OF BOREHOLE BH-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole data requires interpretation by EXP before use by others
  - A 19 mm diameter standpipe was installed as shown
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - Log to be read with EXP Report OTT-25006966-A0

WATER LEVEL RECORDS		
Date	Water Level (m)	Hole Open To (m)
Nov. 4, 2025	3.8	

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

# Log of Borehole BH 25-09



Project No: OTT-25006966-A0

Figure No. 11

Project: New CECCE Leirim French Catholic Elementary School

Page. 1 of 1

Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 06, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CME-55 Track-Mounted Drill Rig

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at

Shelby Tube

% Strain at Failure

Logged by: AN Checked by: MZ

Shear Strength by Vane Test

Shear Strength by Penetrometer Test

GWL L COMYS L	SOIL DESCRIPTION	Geodetic Elevation m	Depth m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>		
				Shear Strength kPa				250	500	750			
				20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)					
	<b>FILL</b> Sand and gravel, topsoil inclusions, brown, damp to moist, no odours, no stains, (compact)	93.76	0	27					X				SS1
	<b>FILL</b> Topsoil with sandy silt, clayey pockets, some gravel, brown, moist, no odours, no stains, (compact)	93.2	1	14					X				SS2
			2	16					X				SS3
			3	14					X				SS4
	<b>GLACIAL TILL</b> Silty sand with gravel, rock fragments, brown to grey, damp to moist, no odours, no stains, (very dense)	90.8	3	30 then 60 for 100 mm					X				SS5
			4	60					X				SS6
			5	79					X				SS7
			6	70 then 50 for 50 mm					X				SS8
	<b>Auger Refusal at 6.4 m Depth</b>	87.4											

LOG OF BOREHOLE BH-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole data requires interpretation by EXP before use by others
  - A 19 mm diameter standpipe was installed as shown
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - Log to be read with EXP Report OTT-25006966-A0

WATER LEVEL RECORDS		
Date	Water Level (m)	Hole Open To (m)
Nov. 4, 2025	4.1	

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

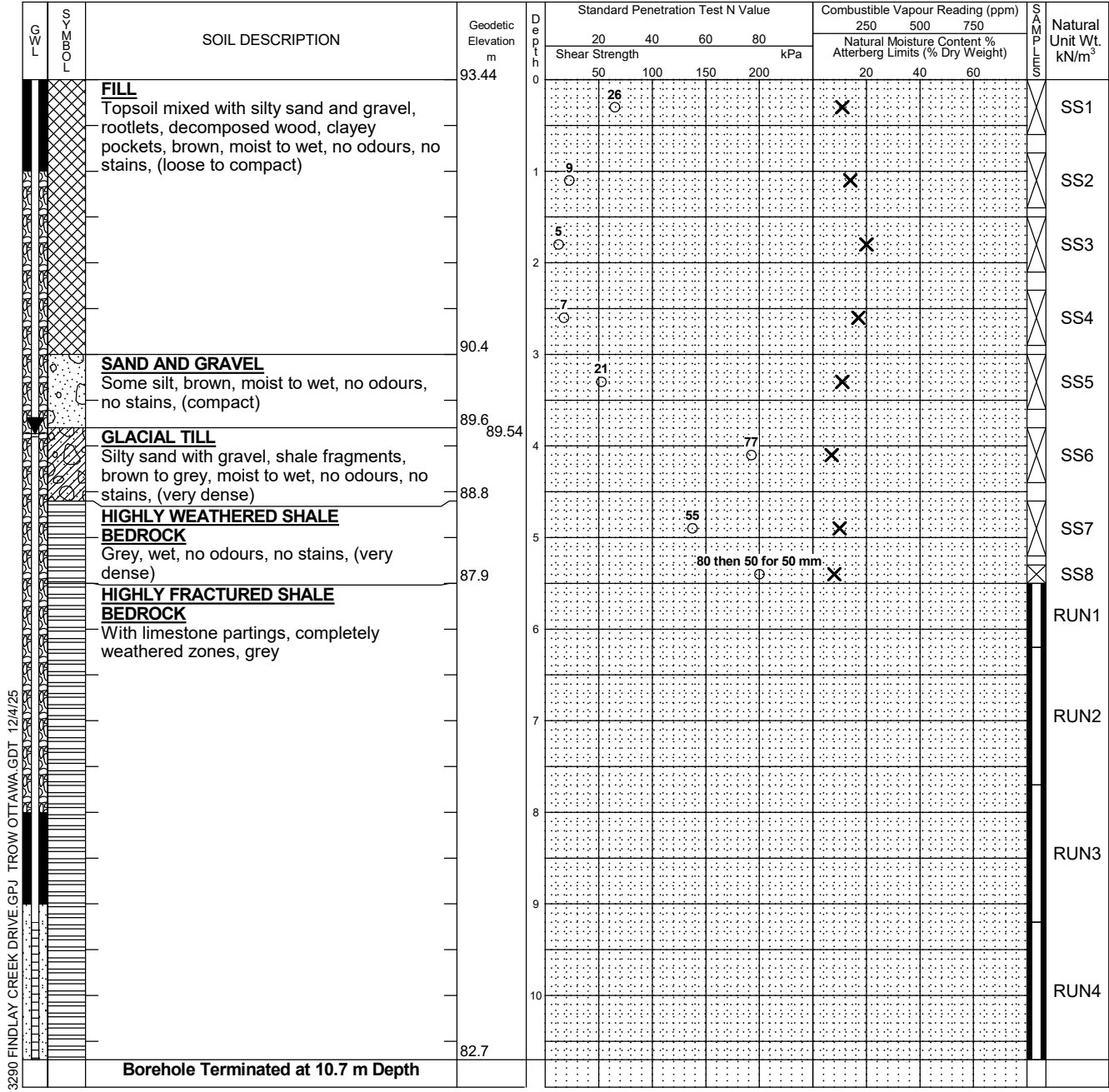
# Log of Borehole BH 25-10



Project No: OTT-25006966-A0  
 Project: New CECCE Leirim French Catholic Elementary School  
 Location: 3290 Findlay Creek Drive, Ottawa, Ontario  
 Date Drilled: October 03, 2025  
 Drill Type: CME-55 Track-Mounted Drill Rig  
 Datum: Geodetic Elevation  
 Logged by: AN Checked by: MZ

Figure No. 12  
 Page. 1 of 1

Split Spoon Sample  Combustible Vapour Reading   
 Auger Sample  Natural Moisture Content   
 SPT (N) Value  Atterberg Limits   
 Dynamic Cone Test  Undrained Triaxial at % Strain at Failure   
 Shelby Tube  Shear Strength by Penetrometer Test   
 Shear Strength by Vane Test



LOG OF BOREHOLE BH-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole data requires interpretation by EXP before use by others
  - A 19 mm diameter standpipe was installed as shown
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - Log to be read with EXP Report OTT-25006966-A0

WATER LEVEL RECORDS		
Date	Water Level (m)	Hole Open To (m)
Nov. 4, 2025	3.9	

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %
1	5.5 - 6.2	100	25
2	6.2 - 7.7	58	0
3	7.7 - 9.2	100	54
4	9.2 - 10.7	68	10

# Log of Borehole BH 25-11



Project No: OTT-25006966-A0  
 Project: New CECCE Leitrim French Catholic Elementary School  
 Location: 3290 Findlay Creek Drive, Ottawa, Ontario  
 Date Drilled: October 02, 2025  
 Drill Type: CME-55 Track-Mounted Drill Rig  
 Datum: Geodetic Elevation  
 Logged by: SA Checked by: MZ

Figure No. 13  
 Page. 1 of 1

- 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 O B Y L	SOIL DESCRIPTION	Geodetic Elevation m	D e p t h m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			S O B Y L	Natural Unit Wt. kN/m <sup>3</sup>		
					Shear Strength kPa				250	500	750				
					20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)						
50	100	150	200	20	40	60									
		<b>FILL</b> Topsoil with silty sand, trace gravel, decomposed wood, rock fragments, roots and rootlets, brown and grey, moist, no odours, no stains, (compact)	93.58	0											
				1											
				2											
				3											
		<b>GLACIAL TILL</b> Silty sand with gravel, rock fragments, augers grinding, brown, moist, no odours, no stains, (very dense) <b>Auger Refusal at 3.5 m Depth</b>	90.6 90.1												

LOG OF BOREHOLE BH-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole data requires interpretation by EXP before use by others
  - Borehole backfilled upon completion
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - Log to be read with EXP Report OTT-25006966-A0

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

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



# Log of Borehole BH 25-13



Project No: OTT-25006966-A0

Figure No. 15

Project: New CECCE Leitrim French Catholic Elementary School

Page. 1 of 1

Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 02, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CME-55 Track-Mounted Drill Rig

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Logged by: SA Checked by: MZ

Shear Strength by Vane Test

GWL	SOIL DESCRIPTION	Geodetic Elevation m	Depth	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>	
				Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
				20	40	60	80	250	500	750		
	<b>FILL</b> Topsoil with sandy silt to silty sand with gravel, silty clay pockets, roots and rootlets, decomposed wood, brown, moist, organic odours, no stains, (very loose to loose)	93.31	0	3					X			SS1
			1	9					X			SS2
			2	8					X			SS3
	<b>SAND</b> Trace gravel, brown to grey, moist, no odours, no stains, (compact)	90.7	3	18					X			SS4
	<b>GLACIAL TILL</b> Silty sand with gravel, grey, moist, no odours, no stains, (dense)	90.0							X			SS5
	<b>GLACIAL TILL</b> Silty sand with gravel, grey, moist, no odours, no stains, (dense)	89.7							X			
	<b>Borehole Terminated at 3.6 m Depth</b>											

LOG OF BOREHOLE BH-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole data requires interpretation by EXP before use by others
  - Borehole backfilled upon completion
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - Log to be read with EXP Report OTT-25006966-A0

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

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

# Log of Borehole BH 25-14



Project No: OTT-25006966-A0  
 Project: New CECCE Leitrim French Catholic Elementary School  
 Location: 3290 Findlay Creek Drive, Ottawa, Ontario  
 Date Drilled: October 02, 2025  
 Drill Type: CME-55 Track-Mounted Drill Rig  
 Datum: Geodetic Elevation  
 Logged by: AN Checked by: MZ

Figure No. 16  
 Page. 1 of 1

- 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	SOIL TYPE	SOIL DESCRIPTION	Geodetic Elevation m	Depth	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>		
					Shear Strength kPa				250	500	750			
					20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)					
		<b>FILL</b> Topsoil with silty sand, trace gravel, concrete pieces, brown, moist, no odours, no stains, (compact)	93.01	0	15					X			SS1	
				1	23					X			SS2	
		<b>GLACIAL TILL</b> Silty sand with gravel, shale fragments, grey, moist, no odours, no stains, (very dense)	91.5	2			62			X			SS3	
				3	13, 25 then 50 for 125 mm						X			SS4
		<b>Borehole Terminated at 3.0 m Depth</b>	90.0	3										

LOG OF BOREHOLE BH-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole data requires interpretation by EXP before use by others
  - Borehole backfilled upon completion
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - Log to be read with EXP Report OTT-25006966-A0

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

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

# Log of Borehole BH 25-15



Project No: OTT-25006966-A0

Figure No. 17

Project: New CECCE Leitrim French Catholic Elementary School

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Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 06, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CME-55 Track-Mounted Drill Rig

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Logged by: AN Checked by: MZ

Shear Strength by Vane Test

G W L	S O B Y L	SOIL DESCRIPTION	Geodetic Elevation m	D e p t h	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			S O I L T E S T S	Natural Unit Wt. kN/m <sup>3</sup>	
					Shear Strength kPa				250	500	750			
					20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)					
50	100	150	200	20	40	60								
		<b>FILL</b> Topsoil with sand and gravel, clayey pockets, decomposed wood, brown, moist, no odours, no stains, (loose to compact)	94.1	0	7					X				SS1
				1	13					X				SS2
				2	9					X				SS3
			91.5	3	28					X				SS4
		<b>GLACIAL TILL</b> Silty sand with gravel, brown to grey, moist, no odours, no stains, (dense)								X				SS5
		<b>Borehole Terminated at 3.6 m Depth</b>	90.5											

LOG OF BOREHOLE BH-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole data requires interpretation by EXP before use by others
  - Borehole backfilled upon completion
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - Log to be read with EXP Report OTT-25006966-A0

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

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

# Log of Test Pit TP 25-02



Project No: OTT-25006966-A0  
 Project: New CECCE Leitrim French Catholic Elementary School  
 Location: 3290 Findlay Creek Drive, Ottawa, Ontario  
 Date Drilled: October 02, 2025  
 Drill Type: CAT 336 Hydraulic Excavator  
 Datum: Geodetic Elevation  
 Logged by: MZ Checked by: MZ

Figure No. 18  
 Page. 1 of 1

- 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	SOIL	SOIL DESCRIPTION	Geodetic Elevation m	Depth m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>
					Shear Strength kPa				Natural Moisture Content %			
					20	40	60	80	250	500	750	
		<b>FILL</b> Sand and crushed gravel, brown, moist, no odours, no stains	93.99	0								GS1
		<b>FILL</b> Topsoil with silty sand, metal and plastic pieces, brown, moist	93.3									GS2
		<b>GLACIAL TILL</b> Silty sand and gravel, trace clay, occasional cobbles, brown, moist	93.0	1								
												GS2
		<b>Test Pit Terminated at 2.1 m Depth</b>	91.9	2								

LOG OF TEST PIT TP-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

NOTES:  
 1. Borehole/Test Pit data requires Interpretation by exp. before use by others  
 2. Test Pit backfilled on completion of excavation  
 3. Field work was supervised by an EXP representative.  
 4. See Notes on Sample Descriptions  
 5. This Figure is to read with exp. Services Inc. report OTT-25006966-A0

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Upon completion	no water	no cave-in

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

# Log of Test Pit TP 25-03



Project No: OTT-25006966-A0

Figure No. 19

Project: New CECCE Leitrim French Catholic Elementary School

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Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 02, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CAT 336 Hydraulic Excavator

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at

Shelby Tube

% Strain at Failure

Logged by: MZ Checked by: MZ

Shear Strength by Vane Test

Shear Strength by Penetrometer Test

GWL	SOIL DESCRIPTION	Geodetic Elevation (m)	Depth (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. (kN/m <sup>3</sup> )
				Shear Strength (kPa)				Natural Moisture Content % Atterberg Limits (% Dry Weight)			
				20	40	60	80	250	500	750	
	<b>FILL</b> Silty sand with gravel, cobbles and boulders, brick and concrete pieces, topsoil inclusions, brown, moist	93.71	0								
											GS1
	<b>GLACIAL TILL</b> Sand and gravel with cobbles, brown, moist	92.8	1								
											GS2
	<b>Bucket Refusal at 2.2 m Depth</b>	91.5	2								

LOG OF TEST PIT TP-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

**NOTES:**  
 1. Borehole/Test Pit data requires Interpretation by exp. before use by others  
 2. Test Pit backfilled on completion of excavation  
 3. Field work was supervised by an EXP representative.  
 4. See Notes on Sample Descriptions  
 5. This Figure is to read with exp. Services Inc. report OTT-25006966-A0

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Upon completion	no water	no cave-in

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

# Log of Test Pit TP 25-04



Project No: OTT-25006966-A0

Figure No. 20

Project: New CECCE Leitrim French Catholic Elementary School

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Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 02, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CAT 336 Hydraulic Excavator

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Logged by: MZ Checked by: MZ

Shear Strength by Vane Test

GWL	SOIL DESCRIPTION	Geodetic Elevation (m)	Depth (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>
				Shear Strength (kPa)				250	500	750	
				20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)			
	<b>GRANULAR FILL</b> ~700 mm thick Crushed limestone	93.22	0								
	<b>FILL</b> Sand and gravel, rounded aggregates, pockets of topsoil, brown and grey, moist	92.5	1					X			GS1
	Thin (~50 mm) organic layer at 1.3 m depth										
		90.9	2					X			GS2
	<b>GLACIAL TILL</b> Silty sand with gravel, cobbles and boulders, brown to grey, moist to wet Wet and grey below 2.5 m depth	90.4						X			GS3
	<b>Test Pit Terminated at 2.8 m Depth</b>										

LOG OF TEST PIT TP-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

**NOTES:**  
 1. Borehole/Test Pit data requires Interpretation by exp. before use by others  
 2. Test Pit backfilled on completion of excavation  
 3. Field work was supervised by an EXP representative.  
 4. See Notes on Sample Descriptions  
 5. This Figure is to read with exp. Services Inc. report OTT-25006966-A0

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Upon completion	no water	no cave-in

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

# Log of Test Pit TP 25-05



Project No: OTT-25006966-A0  
 Project: New CECCE Leitrim French Catholic Elementary School  
 Location: 3290 Findlay Creek Drive, Ottawa, Ontario  
 Date Drilled: October 02, 2025  
 Drill Type: CAT 336 Hydraulic Excavator  
 Datum: Geodetic Elevation  
 Logged by: MZ Checked by: MZ

Figure No. 21  
 Page. 1 of 1

- 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	SOIL	SOIL DESCRIPTION	Geodetic Elevation m	Depth m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>
					kPa				Atterberg Limits (% Dry Weight)			
					20	40	60	80	250	500	750	
		<b>FILL</b> Silty sand with gravel, cobbles, brick and wood pieces, brown, moist	94.36	0								
		<b>FILL</b> Topsoil with silty clay, contains cobbles, roots, dark brown, moist, no odours, no stains	93.5	1					X			GS1
		<b>GLACIAL TILL</b> Silty sand with gravel, brown, moist	92.4	2					X			GS3
		<b>Test Pit Terminated at 2.3 m Depth</b>	92.1									

LOG OF TEST PIT TP-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:**
1. Borehole/Test Pit data requires Interpretation by exp. before use by others
  2. Test Pit backfilled on completion of excavation
  3. Field work was supervised by an EXP representative.
  4. See Notes on Sample Descriptions
  5. This Figure is to read with exp. Services Inc. report OTT-25006966-A0

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Upon completion	no water	no cave-in

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

# Log of Test Pit TP 25-06



Project No: OTT-25006966-A0

Figure No. 22

Project: New CECCE Leitrim French Catholic Elementary School

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Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 02, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CAT 336 Hydraulic Excavator

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at

Shelby Tube

% Strain at Failure

Logged by: MZ Checked by: MZ

Shear Strength by Vane Test

Shear Strength by Penetrometer Test

G W L	S O I L D E S C R I P T I O N	Geodetic Elevation m	D e p t h m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>
				kPa				250	500	750	
				Shear Strength				Natural Moisture Content % Atterberg Limits (% Dry Weight)			
	<b>FILL</b> Topsoil and decomposed wood with silty sand and gravel, cobbles and boulders, clayey pockets, plastic pieces, brown, moist, organic odour	94.02	0	50	100	150	200				
			1					X			GS1
	<b>GLACIAL TILL</b> Silty sand with gravel, cobbles, light brown, moist	92.8						X			GS2
	<b>Test Pit Terminated at 2.0 m Depth</b>	92.0	2								

LOG OF TEST PIT TP-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole/Test Pit data requires Interpretation by exp. before use by others
  - Test Pit backfilled on completion of excavation
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - This Figure is to read with exp. Services Inc. report OTT-25006966-A0

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Upon completion	no water	no cave-in

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

# Log of Test Pit TP 25-08



Project No: OTT-25006966-A0

Figure No. 23

Project: New CECCE Leitrim French Catholic Elementary School

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Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 02, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CAT 336 Hydraulic Excavator

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Logged by: MZ Checked by: MZ

Shear Strength by Vane Test

GWL	SOIL	SOIL DESCRIPTION	Geodetic Elevation m	Depth m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>
					kPa				250	500	750	
					Shear Strength				Natural Moisture Content % Atterberg Limits (% Dry Weight)			
		<b>FILL</b> Silty sand with gravel, cobbles, plastic pieces, brown, moist	94.01	0	50	100	150	200				GS1
		<b>FILL</b> Topsoil with sandy silt, roots and branches, dark brown, moist	93.3	1								
		<b>GLACIAL TILL</b> Silty sand with gravel, cobbles and boulders, bucket grinding, brown, moist	91.4	2								GS2
		<b>Test Pit Terminated at 3.0 m Depth</b>	91.0	3								GS3

LOG OF TEST PIT TP-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

**NOTES:**  
 1. Borehole/Test Pit data requires Interpretation by exp. before use by others  
 2. Test Pit backfilled on completion of excavation  
 3. Field work was supervised by an EXP representative.  
 4. See Notes on Sample Descriptions  
 5. This Figure is to read with exp. Services Inc. report OTT-25006966-A0

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Upon completion	no water	no cave-in

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

# Log of Test Pit TP 25-10



Project No: OTT-25006966-A0

Figure No. 24

Project: New CECCE Leitrim French Catholic Elementary School

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Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 02, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CAT 336 Hydraulic Excavator

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Logged by: MZ Checked by: MZ

Shear Strength by Vane Test

GWL	SOIL	SOIL DESCRIPTION	Geodetic Elevation m	Depth of	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>
					Shear Strength kPa				Natural Moisture Content %			
					20	40	60	80	250	500	750	
		<b>FILL</b> Silty sand and gravel with bricks and plastic pieces, brown, moist	93.95	0								
		<b>FILL</b> Topsoil with silty clay, wood pieces, dark brown, moist, no odour	93.1	1					X			GS1
				2						X		GS2
		<b>SILT</b> With sand seams, brown, moist	91.2									
		<b>SILT</b> With sand seams, brown, moist	91.0	3						X		GS3
		<b>Test Pit Terminated at 3.0 m Depth</b>										

LOG OF TEST PIT TP-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole/Test Pit data requires Interpretation by exp. before use by others
  - Test Pit backfilled on completion of excavation
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - This Figure is to read with exp. Services Inc. report OTT-25006966-A0

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Upon completion	no water	no cave-in

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

# Log of Test Pit TP 25-11



Project No: OTT-25006966-A0  
 Project: New CECCE Leitrim French Catholic Elementary School  
 Location: 3290 Findlay Creek Drive, Ottawa, Ontario  
 Date Drilled: October 02, 2025  
 Drill Type: CAT 336 Hydraulic Excavator  
 Datum: Geodetic Elevation  
 Logged by: MZ Checked by: MZ

Figure No. 25  
 Page. 1 of 1

- 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	SOIL DESCRIPTION	Geodetic Elevation (m)	Depth (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. (kN/m <sup>3</sup> )
				kPa				250	500	750	
				Shear Strength				Natural Moisture Content % Atterberg Limits (% Dry Weight)			
	<b>FILL</b> Silty sand and gravel, brown, moist	93.42	0								
	<b>FILL</b> Topsoil with sandy silt, boulders and wood pieces, brown, moist	92.5	1					X			GS1
			2					X			GS2
	<b>GLACIAL TILL</b> Silty sand with gravel, light brown, moist	90.4	3					X			GS3
	<b>Test Pit Terminated at 3.3 m Depth</b>	90.1									

LOG OF TEST PIT TP-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole/Test Pit data requires Interpretation by exp. before use by others
  - Test Pit backfilled on completion of excavation
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - This Figure is to read with exp. Services Inc. report OTT-25006966-A0

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Upon completion	no water	no cave-in

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

# Log of Test Pit TP 25-12



Project No: OTT-25006966-A0

Figure No. 26

Project: New CECCE Leitrim French Catholic Elementary School

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Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 02, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CAT 336 Hydraulic Excavator

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Logged by: MZ Checked by: MZ

Shear Strength by Vane Test

G W L	S O I L	SOIL DESCRIPTION	Geodetic Elevation m	D e p t h m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>
					kPa				250	500	750	
					Shear Strength				Natural Moisture Content % Atterberg Limits (% Dry Weight)			
		<b>FILL</b> Silty sand with gravel, brown, moist	93.58	0	20	40	60	80				GS1
		<b>FILL</b> Topsoil with sandy silt, cobbles and wood pieces, brown, moist, manure odour	93.0	1								
		<b>GLACIAL TILL</b> Silty sand with gravel, brown, moist	91.3	2								GS2
		<b>Test Pit Terminated at 2.6 m Depth</b>	91.0									GS3

LOG OF TEST PIT TP-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

**NOTES:**  
 1. Borehole/Test Pit data requires Interpretation by exp. before use by others  
 2. Test Pit backfilled on completion of excavation  
 3. Field work was supervised by an EXP representative.  
 4. See Notes on Sample Descriptions  
 5. This Figure is to read with exp. Services Inc. report OTT-25006966-A0

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Upon completion	no water	no cave-in

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

# Log of Test Pit TP 25-13



Project No: OTT-25006966-A0

Figure No. 27

Project: New CECCE Leitrim French Catholic Elementary School

Page. 1 of 1

Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 02, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CAT 336 Hydraulic Excavator

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at

Shelby Tube

% Strain at Failure

Logged by: MZ Checked by: MZ

Shear Strength by Vane Test

Shear Strength by Penetrometer Test

GWL	SOIL	SOIL DESCRIPTION	Geodetic Elevation (m)	Depth (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. (kN/m <sup>3</sup> )
					kPa				250	500	750	
					Shear Strength				Natural Moisture Content % Atterberg Limits (% Dry Weight)			
		<b>FILL</b> Silty sand with gravel and cobbles, brown, moist	93.65	0	50	100	150	200				
		<b>FILL</b> Topsoil and sandy silt with cobbles, roots, wood pieces, dark brown, moist	92.8	1					X			GS1
		<b>GLACIAL TILL</b> Silty sand with gravel, cobbles, possible boulders, brown, moist	90.8	3					X			GS2
		<b>Test Pit Terminated at 3.3 m Depth</b>	90.4						X			GS3

LOG OF TEST PIT TP-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole/Test Pit data requires Interpretation by exp. before use by others
  - Test Pit backfilled on completion of excavation
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - This Figure is to read with exp. Services Inc. report OTT-25006966-A0

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Upon completion	no water	no cave-in

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

# Log of Test Pit TP 25-14



Project No: OTT-25006966-A0  
 Project: New CECCE Leitrim French Catholic Elementary School  
 Location: 3290 Findlay Creek Drive, Ottawa, Ontario  
 Date Drilled: October 02, 2025  
 Drill Type: CAT 336 Hydraulic Excavator  
 Datum: Geodetic Elevation  
 Logged by: MZ Checked by: MZ

Figure No. 28  
 Page. 1 of 1

- 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	SOIL	SOIL DESCRIPTION	Geodetic Elevation (m)	Depth (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. (kN/m <sup>3</sup> )
					Shear Strength (kPa)				Natural Moisture Content % Atterberg Limits (% Dry Weight)			
					20	40	60	80	250	500	750	
		<b>FILL</b> Silty sand and gravel with cobbles, brick and wood pieces, brown, moist	94.14	0								
		<b>FILL</b> Topsoil mixed with sandy silt, wood pieces, dark brown, moist	93.5	0.5					X			GS1
				1						X		GS2
		<b>GLACIAL TILL</b> Silty sand with gravel, boulders, rock fragments, brown, moist	92.3	2								
		<b>Test Pit Terminated at 2.1 m Depth</b>	92.0	2.1					X			GS3

LOG OF TEST PIT TP-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

**NOTES:**  
 1. Borehole/Test Pit data requires Interpretation by exp. before use by others  
 2. Test Pit backfilled on completion of excavation  
 3. Field work was supervised by an EXP representative.  
 4. See Notes on Sample Descriptions  
 5. This Figure is to read with exp. Services Inc. report OTT-25006966-A0

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Upon completion	no water	no cave-in

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

# Log of Test Pit TP 25-15



Project No: OTT-25006966-A0

Figure No. 29

Project: New CECCE Leitrim French Catholic Elementary School

Page. 1 of 1

Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 02, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CAT 336 Hydraulic Excavator

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Logged by: MZ Checked by: MZ

Shear Strength by Vane Test

G W L	S O I L D E S C R I P T I O N	Geodetic Elevation m	D e p t h m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>
				20	40	60	80	250	500	750	
				Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)			
	<b>FILL</b> Silty sand with gravel, cobbles and boulders, brown, moist	93.91	0								GS1
	<b>FILL</b> Topsoil with sandy silt, roots and branches, dark brown, moist	93.4	1					X			
			2					X			GS2
	<b>GLACIAL TILL</b> Silty sand with gravel, cobbles, rock fragments, brown, moist	91.6						X			GS3
	<b>Test Pit Terminated at 2.5 m Depth</b>	91.4									

LOG OF TEST PIT TP-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

NOTES:  
 1. Borehole/Test Pit data requires Interpretation by exp. before use by others  
 2. Test Pit backfilled on completion of excavation  
 3. Field work was supervised by an EXP representative.  
 4. See Notes on Sample Descriptions  
 5. This Figure is to read with exp. Services Inc. report OTT-25006966-A0

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Upon completion	no water	no cave-in

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

# Log of Test Pit TP 25-16



Project No: OTT-25006966-A0

Figure No. 30

Project: New CECCE Leitrim French Catholic Elementary School

Page. 1 of 1

Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 02, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CAT 336 Hydraulic Excavator

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Logged by: MZ Checked by: MZ

Shear Strength by Vane Test

G W L	S O I L D E S C R I P T I O N	Geodetic Elevation m	D e p t h m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>
				kPa				250	500	750	
				Shear Strength				Natural Moisture Content % Atterberg Limits (% Dry Weight)			
	<b>FILL</b> Sand and gravel with cobbles and boulders, brown, moist	93.19	0								
	<b>FILL</b> Topsoil mixed with sandy silt, boulders and wood pieces, dark brown, moist	92.6						X			GS1
			1						X		GS2
	<b>GLACIAL TILL</b> Silty sand with gravel, shale and sandstone fragments, brown, moist	91.6							X		GS3
	<b>Test Pit Terminated at 2.2 m Depth</b>	91.0	2								

LOG OF TEST PIT TP-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

**NOTES:**  
 1. Borehole/Test Pit data requires Interpretation by exp. before use by others  
 2. Test Pit backfilled on completion of excavation  
 3. Field work was supervised by an EXP representative.  
 4. See Notes on Sample Descriptions  
 5. This Figure is to read with exp. Services Inc. report OTT-25006966-A0

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Upon completion	no water	no cave-in

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

# Log of Test Pit TP 25-17



Project No: OTT-25006966-A0

Figure No. 31

Project: New CECCE Leitrim French Catholic Elementary School

Page. 1 of 1

Location: 3290 Findlay Creek Drive, Ottawa, Ontario

Date Drilled: October 02, 2025

Split Spoon Sample

Combustible Vapour Reading

Drill Type: CAT 336 Hydraulic Excavator

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Geodetic Elevation

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Logged by: MZ Checked by: MZ

Shear Strength by Vane Test

GWL	SOIL DESCRIPTION	Geodetic Elevation (m)	Depth (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. (kN/m <sup>3</sup> )
				kPa				250	500	750	
				Shear Strength				Natural Moisture Content % Atterberg Limits (% Dry Weight)			
	<b>FILL</b> Silty sand and gravel, cobbles and boulders, bricks, metal and wood pieces, brown, moist	93.69	0								
	<b>FILL</b> Topsoil with sandy silt, roots and branches, cobbles and boulders, wood and metal pieces, dark brown, moist	93.0	1					X			GS1
			2					X			GS2
	<b>GLACIAL TILL</b> Silty sand with gravel and cobbles, brown, moist	91.2									
		90.9						X			GS3
	<b>Test Pit Terminated at 2.8 m Depth</b>										

LOG OF TEST PIT TP-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole/Test Pit data requires Interpretation by exp. before use by others
  - Test Pit backfilled on completion of excavation
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - This Figure is to read with exp. Services Inc. report OTT-25006966-A0

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Upon completion	no water	no cave-in

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

# Log of Test Pit TP 25-18



Project No: OTT-25006966-A0  
 Project: New CECCE Leirim French Catholic Elementary School  
 Location: 3290 Findlay Creek Drive, Ottawa, Ontario  
 Date Drilled: October 02, 2025  
 Drill Type: CAT 336 Hydraulic Excavator  
 Datum: Geodetic Elevation  
 Logged by: MZ Checked by: MZ

Figure No. 32  
 Page. 1 of 1

- 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	SOIL	SOIL DESCRIPTION	Geodetic Elevation m	Depth m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Wt. kN/m <sup>3</sup>
					kPa				250	500	750	
					Shear Strength				Natural Moisture Content % Atterberg Limits (% Dry Weight)			
		<b>FILL</b> Silty sand and gravel, brown, moist	93.57	0	20	40	60	80				GS1
		<b>FILL</b> Topsoil with sandy silt, wood pieces, dark brown, moist	93.3									
				1								
				2								
		<b>SAND</b> With gravel and cobbles, brown, moist	90.9									GS2
		<b>SAND</b> With gravel and cobbles, brown, moist	90.7									GS3
		<b>Test Pit Terminated at 2.9 m Depth</b>										

LOG OF TEST PIT TP-LOGS - 3290 FINDLAY CREEK DRIVE.GPJ TROW OTTAWA.GDT 12/4/25

- NOTES:
- Borehole/Test Pit data requires Interpretation by exp. before use by others
  - Test Pit backfilled on completion of excavation
  - Field work was supervised by an EXP representative.
  - See Notes on Sample Descriptions
  - This Figure is to read with exp. Services Inc. report OTT-25006966-A0

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Upon completion	no water	no cave-in

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

## Appendix C: Analytical Summary Tables

**Table 1 - Analytical Results in Soil - On-Site Reuse**  
**465 Trident Mews**  
**OTT-25006966-A0**

Sample ID	UNITS	Table 3 RPI SCS	TP25-2 GS-2	TP25-2 GS-3	TP25-3 GS-1	TP25-3 GS-2	TP25-4 GS-2	TP25-5 GS-1	TP25-6 GS-1	Dup 1 (Duplicate TP25-6 GS-1)	TP25-6 GS-2	TP25-8 GS-2	
Sampling Date			2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	
Stratum			Fill	Glacial Till	Fill	Glacial Till	Peat	Fill	Fill	Fill	Fill	Glacial Till	Peat
Sampling Depth (mbgs)			0.7 to 0.8	1.50	0.5 to 0.6	1.5 to 1.6	1.5 to 1.7	0.5 to 0.6	0.5 to 0.6	0.5 to 0.6	0.5 to 0.6	1.2 to 1.3	1.5 to 1.7
<b>Petroleum Hydrocarbons &amp; BTEX</b>													
Benzene	µg/g	0.21	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	
Toluene	µg/g	2.3	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.082	
Ethylbenzene	µg/g	2	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	
Xylenes, Total	µg/g	3.1	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	
F1 PHC (C6-C10)	µg/g	55	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
F2 PHC (C10-C16)	µg/g	98	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	7.5	
F3 PHC (C16-C34)	µg/g	300	76	<50	<50	<50	<50	<50	94	84	<50	96	
F4 PHC (C34-C50)	µg/g	2800	81	<50	<50	<50	<50	<50	<50	100	<50	<50	
<b>Metals</b>													
Antimony	µg/g	7.5	0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
Arsenic	µg/g	18	2.7	5.7	1	3.8	3	3	1.4	1.8	1.4	1.5	
Barium	µg/g	390	130	74	91	130	82	97	65	87	75	74	
Beryllium	µg/g	4	0.43	0.5	0.28	0.44	0.4	0.39	0.3	0.34	0.32	0.32	
Boron	µg/g	120	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Cadmium	µg/g	1.2	0.16	<0.10	<0.10	<0.10	0.1	0.12	0.15	0.16	<0.10	<0.10	
Chromium	µg/g	160	19	22	14	16	15	17	13	14	11	13	
Cobalt	µg/g	22	7.3	11	5	12	8	7	4	4.5	4.7	4.1	
Copper	µg/g	140	16	32	14	32	31	16	7.7	8.7	9.3	6.3	
Lead	µg/g	120	16	7.1	6.7	9.5	7	11	7.8	9	3.6	7.6	
Molybdenum	µg/g	6.9	1.4	<0.50	0.9	0.66	<0.50	1.8	0.55	0.73	<0.50	0.71	
Nickel	µg/g	100	16	24	10	20	17	15	8.7	9.6	10	8.6	
Selenium	µg/g	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
Silver	µg/g	20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
Thallium	µg/g	1	0.12	0.12	0.091	0.13	0.11	0.16	0.075	0.088	0.053	0.075	
Uranium	µg/g	23	0.8	0.5	0.5	0.5	0.5	0.7	0.6	0.7	0.4	0.9	
Vanadium	µg/g	86	28	32	23	28	26	25	21	22	22	19	
Zinc	µg/g	340	59	52	29	58	49	43	33	40	19	31	
<b>General Inorganics</b>													
SAR	No units	5	0.2	0.32	0.27	0.3	0.42	0.4	0.33	0.35	0.44	0.3	
Conductivity	µS/cm	700	390	150	180	160	160	760	310	400	82	120	
pH	pH units	5 to 9	7.27	7.58	7.63	7.66	7.3	7.43	6.55	6.9	6.5	6.49	

**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 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition.
- 1 Non-detectable results are shown as "< (RDL)" where RDL represents the reporting detection limit.
- <RDL Non-detectable results are shown as "< (RDL)" where RDL represents the reporting detection limit.
- NV No Value
- Parameter not analyzed
- Indicates soil exceedance of MECP Table 3 RPI

**Table 1 - Analytical Results in Soil - On-Site Reuse  
465 Trident Mews  
OTT-25006966-A0**

Sample ID	UNITS	Table 3 RPI SCS	TP25-10 GS-1	Dup 2 (Duplicate TP25-10 GS-1)	TP25-11 GS-2	TP25-13 GS-1	TP25-14 GS-2	TP25-14 GS-3	TP25-15 GS-1	TP25-15 GS-3	TP25-18 GS-3	TP25-18 GS-2
Sampling Date			2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25
Stratum			Fill	Fill	Peat	Fill	Peat	Glacial Till	Fill	Glacial Till	Glacial Till	Peat
Sampling Depth (mbgs)			0.0 to 0.9	0.0 to 0.9	1.5 to 1.7	0.5 to 0.7	1.3 to 1.5	2.0 to 2.1	0.3 to 0.5	2.3 to 2.5	2.7 to 2.9	1.5 to 1.5
<b>Petroleum Hydrocarbons &amp; BTEX</b>												
Benzene	µg/g	0.21	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Toluene	µg/g	2.3	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.028
Ethylbenzene	µg/g	2	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Xylenes, Total	µg/g	3.1	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
F1 PHC (C6-C10)	µg/g	55	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
F2 PHC (C10-C16)	µg/g	98	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0
F3 PHC (C16-C34)	µg/g	300	<50	<50	<50	<50	100	<50	54	<50	<50	70
F4 PHC (C34-C50)	µg/g	2800	<50	<50	<50	<50	75	<50	<50	<50	<50	<50
<b>Metals</b>												
Antimony	µg/g	7.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Arsenic	µg/g	18	1.9	1.7	1.1	1.9	1.5	3.1	2.9	3.5	1.4	2
Barium	µg/g	390	84	79	78	110	100	99	88	51	51	59
Beryllium	µg/g	4	0.4	0.32	0.33	0.43	0.41	0.56	0.39	0.36	0.35	0.34
Boron	µg/g	120	<5.0	<5.0	<5.0	<5.0	<5.0	5.9	<5.0	<5.0	<5.0	<5.0
Cadmium	µg/g	1.2	0.1	0.11	<0.10	0.15	0.3	0.15	0.1	<0.10	<0.10	0.13
Chromium	µg/g	160	18	17	13	17	15	23.0	22	14	13	12
Cobalt	µg/g	22	6.3	6	4.9	6.5	5.9	8.9	7.9	6.5	4.3	4.7
Copper	µg/g	140	14	13	11	14	17	23	19	32	15	8.6
Lead	µg/g	120	8.3	7.7	5.1	8.9	9.1	9.3	11.0	5.3	4.3	7.7
Molybdenum	µg/g	6.9	1.1	1.1	0.79	0.96	0.88	0.75	1.6	<0.50	<0.50	<0.50
Nickel	µg/g	100	14	13	11	13	11	21	18	16	12	10
Selenium	µg/g	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Silver	µg/g	20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Thallium	µg/g	1	0.12	0.12	0.06	0.096	0.087	0.13	0.15	0.072	0.097	0.083
Uranium	µg/g	23	0.6	0.6	0.6	0.8	1.3	0.75	0.76	0.45	0.48	1.1
Vanadium	µg/g	86	26	25	19	26	26	30	28	20	23	20
Zinc	µg/g	340	34	32	28	45	60	60	41	47	30	34.0
<b>General Inorganics</b>												
SAR	No units	5	0.16	0.16	0.17	0.22	0.19	0.40	0.21	0.52	0.58	0.23
Conductivity	µS/cm	700	850	840	360	680	290	73	810	55	34	230
pH	pH units	5 to 9	7.4	7.43	7.12	7.31	6.89	6.8	7.53	6.93	7.09	6.79

**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 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition.
- 1 Non-detectable results are shown as "< (RDL)" where RDL represents the reporting detection limit.
- <RDL Non-detectable results are shown as "< (RDL)" where RDL represents the reporting detection limit.
- NV No Value
- Parameter not analyzed
- Indicates soil exceedance of MECP Table 3 RPI

**Table 2 - Analytical Results in Soil - Excess Soil**  
**465 Trident Mews**  
**OTT-25006966-A0**

Sample ID	UNITS	MECP Table 1	MECP Table 2.1	MECP Table 4.1 ICC <sup>3</sup>		MECP Table 6.1	TP25-2 GS-2	TP25-2 GS-3	TP25-3 GS-1	TP25-3 GS-2	TP25-4 GS-2	TP25-5 GS-1	TP25-6 GS-1	Dup 1
		RPI <sup>1</sup>	ICC <sup>2</sup>	Surface	Subsurface	ICC <sup>4</sup>	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25
Sampling Date		<b>Bold</b>	<u>Underline</u>				Fill	Glacial Till	Fill	Glacial Till	Peat	Fill	Fill	Fill
Stratum							0.7 to 0.8	1.50	0.5 to 0.6	1.5 to 1.6	1.5 to 1.7	0.5 to 0.6	0.5 to 0.6	0.5 to 0.6
Sampling Depth (mbgs)														
<b>Petroleum Hydrocarbons &amp; BTEX</b>														
Benzene	µg/g	0.02	0.02	0.02	0.02	0.02	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Toluene	µg/g	0.2	0.2	0.2	0.2	0.2	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Ethylbenzene	µg/g	0.05	0.05	0.05	0.05	0.05	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Xylenes, Total	µg/g	0.05	0.091	0.091	0.091	0.091	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
F1 PHC (C6-C10)	µg/g	25	25	25	25	25	<10	<10	<10	<10	<10	<10	<10	<10
F2 PHC (C10-C16)	µg/g	10	26	26	26	10	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0
F3 PHC (C16-C34)	µg/g	240	240	240	240	240	76	<50	<50	<50	<50	<50	94	84
F4 PHC (C34-C50)	µg/g	120	3300	3300	6900	3300	81	<50	<50	<50	<50	<50	<50	100
<b>Metals</b>														
Antimony	µg/g	1.3	40	40	63	40	0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Arsenic	µg/g	18	18	18	39	18	2.7	5.7	1	3.8	3	3	1.4	1.8
Barium	µg/g	220	670	670	7700	670	130	74	91	130	82	97	65	87
Beryllium	µg/g	2.5	8	8	60	8	0.43	0.5	0.28	0.44	0.4	0.39	0.3	0.34
Boron	µg/g	36	120	N/A	5000	120	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cadmium	µg/g	1.2	1.9	1.9	7.9	1.9	0.16	<0.10	1.9	<0.10	<0.10	0.1	0.12	0.15
Chromium	µg/g	70	160	160	11000	160	19	22	14	16	15	17	13	14
Cobalt	µg/g	21	80	80	2500	80	7.3	11	5	12	8	7	4	4.5
Copper	µg/g	92	230	230	1900	230	16	32	14	32	31	16	7.7	8.7
Lead	µg/g	120	120	120	1000	120	16	7.1	6.7	9.5	7	11	7.8	9
Molybdenum	µg/g	2	40	40	1200	40	1.4	<0.50	0.9	0.66	<0.50	1.8	0.55	0.73
Nickel	µg/g	82	270	270	510	270	16	24	10	20	17	15	8.7	9.6
Selenium	µg/g	1.5	5.5	5.5	1200	5.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Silver	µg/g	0.5	40	40	490	40	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Thallium	µg/g	1	3.3	3.3	33	3.3	0.12	0.12	0.091	0.13	0.11	0.16	0.075	0.088
Uranium	µg/g	2.5	33	33	300	33	0.8	0.5	0.5	0.5	0.5	0.7	0.6	0.7
Vanadium	µg/g	86	86	86	160	86	28	32	23	28	26	25	21	22
Zinc	µg/g	290	340	340	15000	340	59	52	29	58	49	43	33	40
<b>General Inorganics</b>														
SAR	No units	2.4	12	12	12	12	0.2	0.32	0.27	0.3	0.42	0.4	0.33	0.35
Conductivity	µS/cm	570	1400	1400	1400	1400	390	150	180	160	160	760	310	400
pH	pH units	5 to 9	5 to 9	5 to 9	5 to 9	5 to 9	7.27	7.58	7.63	7.66	7.3	7.43	6.55	6.9

**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
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  - 3 Ontario Ministry of Environment, Conservation and Parks (MECP), Rules or Soil Management and Excess Soil Quality Standards, Table 4.1: Stratified Excess Soil Quality Standards in a Potable Ground Water Condition for Industrial/Commercial/Community Property Use
  - 4 Ontario Ministry of Environment, Conservation and Parks (MECP), Rules or Soil Management and Excess Soil Quality Standards, Table 6.1: Full Depth Excess Soil Standards for Shallow Soils in a Potable Groundwater Condition for Industrial/Commercial/Community Property Use
- <RDL Non-detectable results are shown as "< (RDL)" where RDL represents the reporting detection limit.
- NV No Value
- Parameter not analyzed
- Bold** Indicates soil exceedance of MECP Table 1 RPI/ICC
- Underline Indicates soil exceedance of MECP Table 2.1 ICC
- Indicates soil exceedance of MECP Table 4.1 Surface ICC
- Indicates soil exceedance of MECP Table 4.1 Subsurface ICC
- Indicates soil exceedance of MECP Table 6.1 ICC

**Table 2 - Analytical Results in Soil - Excess Soil**  
**465 Trident Mews**  
**OTT-25006966-A0**

Sample ID	UNITS	MECP Table 1	MECP Table 2.1	MECP Table 4.1 ICC <sup>3</sup>		MECP Table 6.1	TP25-6 GS-2	TP25-8 GS-2	TP25-10 GS-1	Dup 2	TP25-11 GS-2	TP25-13 GS-1	TP25-14 GS-2	TP25-14 GS-3
		RPI <sup>1</sup>	ICC <sup>2</sup>	Surface	Subsurface	ICC <sup>4</sup>	2-Oct-25	2-Oct-25	2-Oct-25	(Duplicate TP25-10 GS-1)	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25
Sampling Date		<b>Bold</b>	<u>Underline</u>				Glacial Till	Peat	Fill	Fill	Peat	Fill	Peat	Glacial Till
Stratum							1.2 to 1.3	1.5 to 1.7	0.0 to 0.9	0.0 to 0.9	1.5 to 1.7	0.5 to 0.7	1.3 to 1.5	2.0 to 2.1
Sampling Depth (mbgs)														
<b>Petroleum Hydrocarbons &amp; BTEX</b>														
Benzene	µg/g	0.02	0.02	0.02	0.02	0.02	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Toluene	µg/g	0.2	0.2	0.2	0.2	0.2	<0.020	0.082	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Ethylbenzene	µg/g	0.05	0.05	0.05	0.05	0.05	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Xylenes, Total	µg/g	0.05	0.091	0.091	0.091	0.091	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
F1 PHC (C6-C10)	µg/g	25	25	25	25	25	<10	<10	<10	<10	<10	<10	<10	<10
F2 PHC (C10-C16)	µg/g	10	26	26	26	10	<7.0	7.5	<7.0	<7.0	<7.0	<7.0	8.5	<7.0
F3 PHC (C16-C34)	µg/g	240	240	240	240	240	<50	96	<50	<50	<50	<50	100	<50
F4 PHC (C34-C50)	µg/g	120	3300	3300	6900	3300	<50	<50	<50	<50	<50	<50	75	<50
<b>Metals</b>														
Antimony	µg/g	1.3	40	40	63	40	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Arsenic	µg/g	18	18	18	39	18	1.4	1.5	1.9	1.7	1.1	1.9	1.5	3.1
Barium	µg/g	220	670	670	7700	670	75	74	84	79	78	110	100	99
Beryllium	µg/g	2.5	8	8	60	8	0.32	0.32	0.4	0.32	0.33	0.43	0.41	0.56
Boron	µg/g	36	120	N/A	5000	120	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cadmium	µg/g	1.2	1.9	1.9	7.9	1.9	<0.10	<0.10	0.1	0.11	<0.10	0.15	0.3	0.15
Chromium	µg/g	70	160	160	11000	160	11	13	18	17	13	17	15	23.0
Cobalt	µg/g	21	80	80	2500	80	4.7	4.1	6.3	6	4.9	6.5	5.9	8.9
Copper	µg/g	92	230	230	1900	230	9.3	6.3	14	13	11	14	17	23
Lead	µg/g	120	120	120	1000	120	3.6	7.6	8.3	7.7	5.1	8.9	9.1	9.3
Molybdenum	µg/g	2	40	40	1200	40	<0.50	0.71	1.1	1.1	0.79	0.96	0.88	0.75
Nickel	µg/g	82	270	270	510	270	10	8.6	14	13	11	11	11	21
Selenium	µg/g	1.5	5.5	5.5	1200	5.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Silver	µg/g	0.5	40	40	490	40	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Thallium	µg/g	1	3.3	3.3	33	3.3	0.053	0.075	0.12	0.12	0.06	0.096	0.087	0.13
Uranium	µg/g	2.5	33	33	300	33	0.4	0.9	0.6	0.6	0.8	1.3	1.3	0.75
Vanadium	µg/g	86	86	86	160	86	22	19	26	25	19	26	26	30
Zinc	µg/g	290	340	340	15000	340	19	31	34	32	28	45	60	60
<b>General Inorganics</b>														
SAR	No units	2.4	12	12	12	12	0.44	0.3	0.16	0.16	0.17	0.22	0.19	0.40
Conductivity	µS/cm	570	1400	1400	1400	1400	82	120	850	840	360	680	290	73
pH	pH units	5 to 9	5 to 9	5 to 9	5 to 9	5 to 9	6.5	6.49	7.4	7.43	7.12	7.31	6.89	6.8

**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
  - 2 Ontario Ministry of Environment, Conservation and Parks (MECP), Rules or Soil Management and Excess Soil Quality Standards, Table 2.1: Full Depth Excess Soil Quality Standards in a Potable Groundwater Condition for Industrial/Commercial/Community Property Use
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  - 4 Ontario Ministry of Environment, Conservation and Parks (MECP), Rules or Soil Management and Excess Soil Quality Standards, Table 6.1: Full Depth Excess Soil Standards for Shallow Soils in a Potable Groundwater Condition for Industrial/Commercial/Community Property Use
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- Underline Indicates soil exceedance of MECP Table 2.1 ICC
- Indicates soil exceedance of MECP Table 4.1 Surface ICC
- Indicates soil exceedance of MECP Table 4.1 Subsurface ICC
- Indicates soil exceedance of MECP Table 6.1 ICC

**Table 2 - Analytical Results in Soil - Excess Soil**  
**465 Trident Mews**  
**OTT-25006966-A0**

Sample ID	UNITS	MECP Table 1	MECP Table 2.1	MECP Table 4.1 ICC <sup>3</sup>		MECP Table 6.1	TP25-15 GS-1	TP25-15 GS-3	TP25-18 GS-3	TP25-18 GS-2
		RPI <sup>1</sup>	ICC <sup>2</sup>	Surface	Subsurface	ICC <sup>4</sup>	2-Oct-25	2-Oct-25	2-Oct-25	2-Oct-25
		<b>Bold</b>	<u>Underline</u>				Fill	Glacial Till	Glacial Till	Peat
Stratum										
Sampling Depth (mbgs)							0.3 to 0.5	2.3 to 2.5	2.7 to 2.9	1.5 to 1.5
<b>Petroleum Hydrocarbons &amp; BTEX</b>										
Benzene	µg/g	0.02	0.02	0.02	0.02	0.02	<0.020	<0.020	<0.020	<0.020
Toluene	µg/g	0.2	0.2	0.2	0.2	0.2	<0.020	<0.020	<0.020	0.028
Ethylbenzene	µg/g	0.05	0.05	0.05	0.05	0.05	<0.020	<0.020	<0.020	<0.020
Xylenes, Total	µg/g	0.05	0.091	0.091	0.091	0.091	<0.040	<0.040	<0.040	<0.040
F1 PHC (C6-C10)	µg/g	25	25	25	25	25	<10	<10	<10	<10
F2 PHC (C10-C16)	µg/g	10	26	26	26	10	<7.0	<7.0	<7.0	<7.0
F3 PHC (C16-C34)	µg/g	240	240	240	240	240	54	<50	<50	70
F4 PHC (C34-C50)	µg/g	120	3300	3300	6900	3300	<50	<50	<50	<50
<b>Metals</b>										
Antimony	µg/g	1.3	40	40	63	40	<0.20	<0.20	<0.20	<0.20
Arsenic	µg/g	18	18	18	39	18	2.9	3.5	1.4	2
Barium	µg/g	220	670	670	7700	670	88	51	51	59
Beryllium	µg/g	2.5	8	8	60	8	0.39	0.36	0.35	0.34
Boron	µg/g	36	120	N/A	5000	120	5.9	<5.0	<5.0	<5.0
Cadmium	µg/g	1.2	1.9	1.9	7.9	1.9	0.1	<0.10	<0.10	0.13
Chromium	µg/g	70	160	160	11000	160	22	14	13	12
Cobalt	µg/g	21	80	80	2500	80	7.9	6.5	4.3	4.7
Copper	µg/g	92	230	230	1900	230	19	32	15	8.6
Lead	µg/g	120	120	120	1000	120	11.0	5.3	4.3	7.7
Molybdenum	µg/g	2	40	40	1200	40	1.6	<0.50	<0.50	<0.50
Nickel	µg/g	82	270	270	510	270	18	16	12	10
Selenium	µg/g	1.5	5.5	5.5	1200	5.5	<0.50	<0.50	<0.50	<0.50
Silver	µg/g	0.5	40	40	490	40	<0.20	<0.20	<0.20	<0.20
Thallium	µg/g	1	3.3	3.3	33	3.3	0.15	0.072	0.097	0.083
Uranium	µg/g	2.5	33	33	300	33	0.76	0.45	0.48	1.1
Vanadium	µg/g	86	86	86	160	86	28	20	23	20
Zinc	µg/g	290	340	340	15000	340	41	47	30	34.0
<b>General Inorganics</b>										
SAR	No units	2.4	12	12	12	12	0.21	0.52	0.58	0.23
Conductivity	µS/cm	570	1400	1400	1400	1400	810	55	34	230
pH	pH units	5 to 9	5 to 9	5 to 9	5 to 9	5 to 9	7.53	6.93	7.09	6.79

**NOTES:**

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  - 4 Ontario Ministry of Environment, Conservation and Parks (MECP), Rules or Soil Management and Excess Soil Quality Standards, Table 6.1: Full Depth Excess Soil Standards for Shallow Soils in a Potable Groundwater Condition for Industrial/Commercial/Community Property Use
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- Indicates soil exceedance of MECP Table 4.1 Subsurface ICC
- Indicates soil exceedance of MECP Table 6.1 ICC

## Appendix D: Laboratory Certificates of Analysis



Your Project #: OTT-25006966-A0  
 Your C.O.C. #: C#1063336-01-01

**Attention: Leah Wells**

exp Services Inc  
 Ottawa Branch  
 100-2650 Queensview Drive  
 Ottawa, ON  
 CANADA K2B 8H6

**Report Date: 2025/10/16**  
 Report #: R8633079  
 Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5C7957**

**Received: 2025/10/09, 12:20**

Sample Matrix: Soil  
 # Samples Received: 20

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Conductivity (1)	20	2025/10/15	2025/10/15	CAM SOP-00414	OMOE E3530 v1 m
Petroleum Hydro. CCME F1 & BTEX in Soil (1, 2)	20	N/A	2025/10/15	CAM SOP-00315	CCME PHC-CWS m
Petroleum Hydrocarbons F2-F4 in Soil (1, 3)	20	2025/10/14	2025/10/15	CAM SOP-00316	CCME CWS m
Acid Extractable Metals by ICPMS (1)	20	2025/10/15	2025/10/15	CAM SOP-00447	EPA 6020B m
Moisture (1)	20	N/A	2025/10/11	CAM SOP-00445	Carter 2nd ed 70.2 m
pH CaCl2 EXTRACT (1)	20	2025/10/15	2025/10/15	CAM SOP-00413	EPA 9045 D m
Sodium Adsorption Ratio (SAR) (1)	20	N/A	2025/10/15	CAM SOP-00102	EPA 6010C

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

\* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Bureau Veritas Mississauga, 6740 Campobello Rd, Mississauga, ON, L5N 2L8

(2) No lab extraction date is given for F1BTEX & VOC samples that are field preserved with methanol. Extraction date is the date sampled unless otherwise stated.

(3) All CCME PHC results met required criteria unless otherwise stated in the report. The CWS PHC methods employed by Bureau Veritas conform to all prescribed elements of the reference method and performance based elements have been validated. All modifications have been validated and proven equivalent following "Alberta Environment's Interpretation of the Reference Method for the Canada-Wide Standard for Petroleum Hydrocarbons in Soil Validation of Performance-Based Alternative Methods September 2003".



Your Project #: OTT-25006966-A0  
Your C.O.C. #: C#1063336-01-01

**Attention: Leah Wells**

exp Services Inc  
Ottawa Branch  
100-2650 Queensview Drive  
Ottawa, ON  
CANADA K2B 8H6

**Report Date: 2025/10/16**  
Report #: R8633079  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C5C7957**

**Received: 2025/10/09, 12:20**

Documentation is available upon request. Modifications from Reference Method for the Canada-wide Standard for Petroleum Hydrocarbons in Soil-Tier 1 Method: F2/F3/F4 data reported using validated cold solvent extraction instead of Soxhlet extraction.

Encryption Key



**AUTHORIZED REPORT  
RAPPORT AUTORISÉ**

Bureau Veritas

16 Oct 2025 21:10:04

Please direct all questions regarding this Certificate of Analysis to:

Katherine Szozda, Project Manager  
Email: Katherine.Szozda@bureauveritas.com  
Phone# (613)274-0573 Ext:7063633

=====

This report has been generated and distributed using a secure automated process.

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU  
VERITAS

Bureau Veritas Job #: C5C7957  
Report Date: 2025/10/16

exp Services Inc  
Client Project #: OTT-25006966-A0

**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD63			AWCD63		
Sampling Date		2025/10/02 03:30			2025/10/02 03:30		
COC Number		C#1063336-01-01			C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-18 GS-3</b>	<b>RDL</b>	<b>QC Batch</b>	<b>TP25-18 GS-3 Lab-Dup</b>	<b>RDL</b>	<b>QC Batch</b>

**Calculated Parameters**

Sodium Adsorption Ratio	N/A	0.58 (1)		A030341			
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**Inorganics**

Conductivity	mS/cm	0.034	0.002	A032106			
Available (CaCl2) pH	pH	7.09		A032511			

**Metals**

Acid Extractable Antimony (Sb)	ug/g	<0.20	0.20	A032121			
Acid Extractable Arsenic (As)	ug/g	1.4	1.0	A032121			
Acid Extractable Barium (Ba)	ug/g	51	0.50	A032121			
Acid Extractable Beryllium (Be)	ug/g	0.35	0.20	A032121			
Acid Extractable Boron (B)	ug/g	<5.0	5.0	A032121			
Acid Extractable Cadmium (Cd)	ug/g	<0.10	0.10	A032121			
Acid Extractable Chromium (Cr)	ug/g	13	1.0	A032121			
Acid Extractable Cobalt (Co)	ug/g	4.3	0.10	A032121			
Acid Extractable Copper (Cu)	ug/g	15	0.50	A032121			
Acid Extractable Lead (Pb)	ug/g	4.3	1.0	A032121			
Acid Extractable Molybdenum (Mo)	ug/g	<0.50	0.50	A032121			
Acid Extractable Nickel (Ni)	ug/g	12	0.50	A032121			
Acid Extractable Selenium (Se)	ug/g	<0.50	0.50	A032121			
Acid Extractable Silver (Ag)	ug/g	<0.20	0.20	A032121			
Acid Extractable Thallium (Tl)	ug/g	0.097	0.050	A032121			
Acid Extractable Uranium (U)	ug/g	0.48	0.050	A032121			
Acid Extractable Vanadium (V)	ug/g	23	5.0	A032121			
Acid Extractable Zinc (Zn)	ug/g	30	5.0	A032121			

**BTEX & F1 Hydrocarbons**

Benzene	ug/g	<0.020	0.020	A031626			
Toluene	ug/g	<0.020	0.020	A031626			
Ethylbenzene	ug/g	<0.020	0.020	A031626			
o-Xylene	ug/g	<0.020	0.020	A031626			
p+m-Xylene	ug/g	<0.040	0.040	A031626			
Total Xylenes	ug/g	<0.040	0.040	A031626			
F1 (C6-C10)	ug/g	<10	10	A031626			
F1 (C6-C10) - BTEX	ug/g	<10	10	A031626			

RDL = Reportable Detection Limit  
 QC Batch = Quality Control Batch  
 Lab-Dup = Laboratory Initiated Duplicate  
 (1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.



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Bureau Veritas Job #: C5C7957  
Report Date: 2025/10/16

exp Services Inc  
Client Project #: OTT-25006966-A0

**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD63			AWCD63		
Sampling Date		2025/10/02 03:30			2025/10/02 03:30		
COC Number		C#1063336-01-01			C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-18 GS-3</b>	<b>RDL</b>	<b>QC Batch</b>	<b>TP25-18 GS-3 Lab-Dup</b>	<b>RDL</b>	<b>QC Batch</b>
<b>F2-F4 Hydrocarbons</b>							
F2 (C10-C16 Hydrocarbons)	ug/g	<7.0	7.0	A031711	<7.0	7.0	A031711
F3 (C16-C34 Hydrocarbons)	ug/g	<50	50	A031711	<50	50	A031711
F4 (C34-C50 Hydrocarbons)	ug/g	<50	50	A031711	<50	50	A031711
Reached Baseline at C50	ug/g	Yes		A031711	Yes		A031711
<b>Surrogate Recovery (%)</b>							
1,4-Difluorobenzene	%	104		A031626			
4-Bromofluorobenzene	%	98		A031626			
D10-o-Xylene	%	98		A031626			
D4-1,2-Dichloroethane	%	104		A031626			
o-Terphenyl	%	95		A031711	96		A031711
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD64			AWCD64		
Sampling Date		2025/10/02 03:30			2025/10/02 03:30		
COC Number		C#1063336-01-01			C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-18 GS-2</b>	<b>RDL</b>	<b>QC Batch</b>	<b>TP25-18 GS-2 Lab-Dup</b>	<b>RDL</b>	<b>QC Batch</b>

**Calculated Parameters**

Sodium Adsorption Ratio	N/A	0.23 (1)		A030341			
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**Inorganics**

Conductivity	mS/cm	0.23	0.002	A032106			
Available (CaCl2) pH	pH	6.79		A032511			

**Metals**

Acid Extractable Antimony (Sb)	ug/g	<0.20	0.20	A032121			
Acid Extractable Arsenic (As)	ug/g	2.0	1.0	A032121			
Acid Extractable Barium (Ba)	ug/g	59	0.50	A032121			
Acid Extractable Beryllium (Be)	ug/g	0.34	0.20	A032121			
Acid Extractable Boron (B)	ug/g	<5.0	5.0	A032121			
Acid Extractable Cadmium (Cd)	ug/g	0.13	0.10	A032121			
Acid Extractable Chromium (Cr)	ug/g	12	1.0	A032121			
Acid Extractable Cobalt (Co)	ug/g	4.7	0.10	A032121			
Acid Extractable Copper (Cu)	ug/g	8.6	0.50	A032121			
Acid Extractable Lead (Pb)	ug/g	7.7	1.0	A032121			
Acid Extractable Molybdenum (Mo)	ug/g	<0.50	0.50	A032121			
Acid Extractable Nickel (Ni)	ug/g	10	0.50	A032121			
Acid Extractable Selenium (Se)	ug/g	<0.50	0.50	A032121			
Acid Extractable Silver (Ag)	ug/g	<0.20	0.20	A032121			
Acid Extractable Thallium (Tl)	ug/g	0.083	0.050	A032121			
Acid Extractable Uranium (U)	ug/g	1.1	0.050	A032121			
Acid Extractable Vanadium (V)	ug/g	20	5.0	A032121			
Acid Extractable Zinc (Zn)	ug/g	34	5.0	A032121			

**BTEX & F1 Hydrocarbons**

Benzene	ug/g	<0.020	0.020	A031626	<0.020	0.020	A031626
Toluene	ug/g	0.028	0.020	A031626	0.028	0.020	A031626
Ethylbenzene	ug/g	<0.020	0.020	A031626	<0.020	0.020	A031626
o-Xylene	ug/g	<0.020	0.020	A031626	<0.020	0.020	A031626
p+m-Xylene	ug/g	<0.040	0.040	A031626	<0.040	0.040	A031626
Total Xylenes	ug/g	<0.040	0.040	A031626	<0.040	0.040	A031626
F1 (C6-C10)	ug/g	<10	10	A031626	<10	10	A031626
F1 (C6-C10) - BTEX	ug/g	<10	10	A031626	<10	10	A031626

RDL = Reportable Detection Limit  
 QC Batch = Quality Control Batch  
 Lab-Dup = Laboratory Initiated Duplicate  
 (1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.



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Bureau Veritas Job #: C5C7957  
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exp Services Inc  
Client Project #: OTT-25006966-A0

**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD64			AWCD64		
Sampling Date		2025/10/02 03:30			2025/10/02 03:30		
COC Number		C#1063336-01-01			C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-18 GS-2</b>	<b>RDL</b>	<b>QC Batch</b>	<b>TP25-18 GS-2 Lab-Dup</b>	<b>RDL</b>	<b>QC Batch</b>
<b>F2-F4 Hydrocarbons</b>							
F2 (C10-C16 Hydrocarbons)	ug/g	<7.0	7.0	A031711			
F3 (C16-C34 Hydrocarbons)	ug/g	70	50	A031711			
F4 (C34-C50 Hydrocarbons)	ug/g	<50	50	A031711			
Reached Baseline at C50	ug/g	Yes		A031711			
<b>Surrogate Recovery (%)</b>							
1,4-Difluorobenzene	%	107		A031626	104		A031626
4-Bromofluorobenzene	%	94		A031626	98		A031626
D10-o-Xylene	%	102		A031626	108		A031626
D4-1,2-Dichloroethane	%	103		A031626	104		A031626
o-Terphenyl	%	94		A031711			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD65	AWCD66	AWCD67	AWCD68		
Sampling Date		2025/10/02 04:30	2025/10/02 04:30	2025/10/02 10:30	2025/10/02 10:30		
COC Number		C#1063336-01-01	C#1063336-01-01	C#1063336-01-01	C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-15 GS-1</b>	<b>TP25-15</b>	<b>TP25-14 GS-2</b>	<b>TP25-14 GS-3</b>	<b>RDL</b>	<b>QC Batch</b>

**Calculated Parameters**

Sodium Adsorption Ratio	N/A	0.21	0.52 (1)	0.19 (1)	0.40 (1)		A030341
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**Inorganics**

Conductivity	mS/cm	0.81	0.055	0.29	0.073	0.002	A032106
Available (CaCl2) pH	pH	7.53	6.93	6.89	6.80		A032511

**Metals**

Acid Extractable Antimony (Sb)	ug/g	<0.20	<0.20	<0.20	<0.20	0.20	A032121
Acid Extractable Arsenic (As)	ug/g	2.9	3.5	1.5	3.1	1.0	A032121
Acid Extractable Barium (Ba)	ug/g	88	51	100	99	0.50	A032121
Acid Extractable Beryllium (Be)	ug/g	0.39	0.36	0.41	0.56	0.20	A032121
Acid Extractable Boron (B)	ug/g	5.9	<5.0	<5.0	<5.0	5.0	A032121
Acid Extractable Cadmium (Cd)	ug/g	0.10	<0.10	0.30	0.15	0.10	A032121
Acid Extractable Chromium (Cr)	ug/g	22	14	15	23	1.0	A032121
Acid Extractable Cobalt (Co)	ug/g	7.9	6.5	5.9	8.9	0.10	A032121
Acid Extractable Copper (Cu)	ug/g	19	32	17	23	0.50	A032121
Acid Extractable Lead (Pb)	ug/g	11	5.3	9.1	9.3	1.0	A032121
Acid Extractable Molybdenum (Mo)	ug/g	1.6	<0.50	0.88	0.75	0.50	A032121
Acid Extractable Nickel (Ni)	ug/g	18	16	11	21	0.50	A032121
Acid Extractable Selenium (Se)	ug/g	<0.50	<0.50	<0.50	<0.50	0.50	A032121
Acid Extractable Silver (Ag)	ug/g	<0.20	<0.20	<0.20	<0.20	0.20	A032121
Acid Extractable Thallium (Tl)	ug/g	0.15	0.072	0.087	0.13	0.050	A032121
Acid Extractable Uranium (U)	ug/g	0.76	0.45	1.3	0.75	0.050	A032121
Acid Extractable Vanadium (V)	ug/g	28	20	26	30	5.0	A032121
Acid Extractable Zinc (Zn)	ug/g	41	47	60	60	5.0	A032121

**BTEX & F1 Hydrocarbons**

Benzene	ug/g	<0.020	<0.020	<0.020	<0.020	0.020	A031626
Toluene	ug/g	<0.020	<0.020	<0.020	<0.020	0.020	A031626
Ethylbenzene	ug/g	<0.020	<0.020	<0.020	<0.020	0.020	A031626
o-Xylene	ug/g	<0.020	<0.020	<0.020	<0.020	0.020	A031626
p+m-Xylene	ug/g	<0.040	<0.040	<0.040	<0.040	0.040	A031626
Total Xylenes	ug/g	<0.040	<0.040	<0.040	<0.040	0.040	A031626
F1 (C6-C10)	ug/g	<10	<10	<10	<10	10	A031626
F1 (C6-C10) - BTEX	ug/g	<10	<10	<10	<10	10	A031626

RDL = Reportable Detection Limit  
 QC Batch = Quality Control Batch  
 (1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.



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Bureau Veritas Job #: C5C7957  
Report Date: 2025/10/16

exp Services Inc  
Client Project #: OTT-25006966-A0

**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD65	AWCD66	AWCD67	AWCD68		
Sampling Date		2025/10/02 04:30	2025/10/02 04:30	2025/10/02 10:30	2025/10/02 10:30		
COC Number		C#1063336-01-01	C#1063336-01-01	C#1063336-01-01	C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-15 GS-1</b>	<b>TP25-15</b>	<b>TP25-14 GS-2</b>	<b>TP25-14 GS-3</b>	<b>RDL</b>	<b>QC Batch</b>

<b>F2-F4 Hydrocarbons</b>							
F2 (C10-C16 Hydrocarbons)	ug/g	<7.0	<7.0	8.5	<7.0	7.0	A031711
F3 (C16-C34 Hydrocarbons)	ug/g	54	<50	100	<50	50	A031711
F4 (C34-C50 Hydrocarbons)	ug/g	<50	<50	75	<50	50	A031711
Reached Baseline at C50	ug/g	Yes	Yes	Yes	Yes		A031711
<b>Surrogate Recovery (%)</b>							
1,4-Difluorobenzene	%	107	109	104	105		A031626
4-Bromofluorobenzene	%	98	97	96	99		A031626
D10-o-Xylene	%	108	101	101	113		A031626
D4-1,2-Dichloroethane	%	102	100	106	103		A031626
o-Terphenyl	%	94	93	93	95		A031711
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							



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Bureau Veritas Job #: C5C7957  
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Client Project #: OTT-25006966-A0

**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD69	AWCD70	AWCD71			AWCD71	
Sampling Date		2025/10/02 01:30	2025/10/02 12:30	2025/10/02 12:00			2025/10/02 12:00	
COC Number		C#1063336-01-01	C#1063336-01-01	C#1063336-01-01			C#1063336-01-01	
	<b>UNITS</b>	<b>TP25-13 GS-1</b>	<b>TP25-11 GS-2</b>	<b>TP25-10 GS-1</b>	<b>RDL</b>	<b>QC Batch</b>	<b>TP25-10 GS-1 Lab-Dup</b>	<b>QC Batch</b>

**Calculated Parameters**

Sodium Adsorption Ratio	N/A	0.22	0.17 (1)	0.16		A030341		
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**Inorganics**

Conductivity	mS/cm	0.68	0.36	0.85	0.002	A032106		
Available (CaCl2) pH	pH	7.31	7.12	7.40		A032511	7.29	A032511

**Metals**

Acid Extractable Antimony (Sb)	ug/g	<0.20	<0.20	<0.20	0.20	A032121		
Acid Extractable Arsenic (As)	ug/g	1.9	1.1	1.9	1.0	A032121		
Acid Extractable Barium (Ba)	ug/g	110	78	84	0.50	A032121		
Acid Extractable Beryllium (Be)	ug/g	0.43	0.33	0.40	0.20	A032121		
Acid Extractable Boron (B)	ug/g	<5.0	<5.0	<5.0	5.0	A032121		
Acid Extractable Cadmium (Cd)	ug/g	0.15	<0.10	0.10	0.10	A032121		
Acid Extractable Chromium (Cr)	ug/g	17	13	18	1.0	A032121		
Acid Extractable Cobalt (Co)	ug/g	6.5	4.9	6.3	0.10	A032121		
Acid Extractable Copper (Cu)	ug/g	14	11	14	0.50	A032121		
Acid Extractable Lead (Pb)	ug/g	8.9	5.1	8.3	1.0	A032121		
Acid Extractable Molybdenum (Mo)	ug/g	0.96	0.79	1.1	0.50	A032121		
Acid Extractable Nickel (Ni)	ug/g	13	11	14	0.50	A032121		
Acid Extractable Selenium (Se)	ug/g	<0.50	<0.50	<0.50	0.50	A032121		
Acid Extractable Silver (Ag)	ug/g	<0.20	<0.20	<0.20	0.20	A032121		
Acid Extractable Thallium (Tl)	ug/g	0.096	0.060	0.12	0.050	A032121		
Acid Extractable Uranium (U)	ug/g	0.77	0.63	0.62	0.050	A032121		
Acid Extractable Vanadium (V)	ug/g	26	19	26	5.0	A032121		
Acid Extractable Zinc (Zn)	ug/g	45	28	34	5.0	A032121		

**BTEX & F1 Hydrocarbons**

Benzene	ug/g	<0.020	<0.020	<0.020	0.020	A031626		
Toluene	ug/g	<0.020	<0.020	<0.020	0.020	A031626		
Ethylbenzene	ug/g	<0.020	<0.020	<0.020	0.020	A031626		
o-Xylene	ug/g	<0.020	<0.020	<0.020	0.020	A031626		
p+m-Xylene	ug/g	<0.040	<0.040	<0.040	0.040	A031626		
Total Xylenes	ug/g	<0.040	<0.040	<0.040	0.040	A031626		
F1 (C6-C10)	ug/g	<10	<10	<10	10	A031626		
F1 (C6-C10) - BTEX	ug/g	<10	<10	<10	10	A031626		

RDL = Reportable Detection Limit  
 QC Batch = Quality Control Batch  
 Lab-Dup = Laboratory Initiated Duplicate  
 (1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.



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Bureau Veritas Job #: C5C7957  
Report Date: 2025/10/16

exp Services Inc  
Client Project #: OTT-25006966-A0

**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD69	AWCD70	AWCD71			AWCD71	
Sampling Date		2025/10/02 01:30	2025/10/02 12:30	2025/10/02 12:00			2025/10/02 12:00	
COC Number		C#1063336-01-01	C#1063336-01-01	C#1063336-01-01			C#1063336-01-01	
	<b>UNITS</b>	<b>TP25-13 GS-1</b>	<b>TP25-11 GS-2</b>	<b>TP25-10 GS-1</b>	<b>RDL</b>	<b>QC Batch</b>	<b>TP25-10 GS-1 Lab-Dup</b>	<b>QC Batch</b>

<b>F2-F4 Hydrocarbons</b>								
F2 (C10-C16 Hydrocarbons)	ug/g	<7.0	<7.0	<7.0	7.0	A031711		
F3 (C16-C34 Hydrocarbons)	ug/g	<50	<50	<50	50	A031711		
F4 (C34-C50 Hydrocarbons)	ug/g	<50	<50	<50	50	A031711		
Reached Baseline at C50	ug/g	Yes	Yes	Yes		A031711		

<b>Surrogate Recovery (%)</b>								
1,4-Difluorobenzene	%	105	106	108		A031626		
4-Bromofluorobenzene	%	97	98	97		A031626		
D10-o-Xylene	%	92	96	103		A031626		
D4-1,2-Dichloroethane	%	101	100	98		A031626		
o-Terphenyl	%	93	99	92		A031711		

RDL = Reportable Detection Limit  
QC Batch = Quality Control Batch  
Lab-Dup = Laboratory Initiated Duplicate



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Bureau Veritas Job #: C5C7957  
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exp Services Inc  
Client Project #: OTT-25006966-A0

**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD72		AWCD73		AWCD74		
Sampling Date		2025/10/02 12:00		2025/10/02 08:30		2025/10/02 08:30		
COC Number		C#1063336-01-01		C#1063336-01-01		C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-8 GS-2</b>	<b>QC Batch</b>	<b>TP25-6 GS-1</b>	<b>QC Batch</b>	<b>TP25-6 GS-2</b>	<b>RDL</b>	<b>QC Batch</b>

<b>Calculated Parameters</b>								
Sodium Adsorption Ratio	N/A	0.30 (1)	A030380	0.33	A030380	0.44 (1)		A030380

<b>Inorganics</b>								
Conductivity	mS/cm	0.12	A032106	0.31	A032106	0.082	0.002	A032106
Available (CaCl2) pH	pH	6.49	A032511	6.55	A032511	6.50		A032593

<b>Metals</b>								
Acid Extractable Antimony (Sb)	ug/g	<0.20	A032119	<0.20	A032121	<0.20	0.20	A032121
Acid Extractable Arsenic (As)	ug/g	1.5	A032119	1.4	A032121	1.4	1.0	A032121
Acid Extractable Barium (Ba)	ug/g	74	A032119	65	A032121	75	0.50	A032121
Acid Extractable Beryllium (Be)	ug/g	0.32	A032119	0.30	A032121	0.32	0.20	A032121
Acid Extractable Boron (B)	ug/g	<5.0	A032119	<5.0	A032121	<5.0	5.0	A032121
Acid Extractable Cadmium (Cd)	ug/g	<0.10	A032119	0.15	A032121	<0.10	0.10	A032121
Acid Extractable Chromium (Cr)	ug/g	13	A032119	13	A032121	11	1.0	A032121
Acid Extractable Cobalt (Co)	ug/g	4.1	A032119	4.0	A032121	4.7	0.10	A032121
Acid Extractable Copper (Cu)	ug/g	6.3	A032119	7.7	A032121	9.3	0.50	A032121
Acid Extractable Lead (Pb)	ug/g	7.6	A032119	7.8	A032121	3.6	1.0	A032121
Acid Extractable Molybdenum (Mo)	ug/g	0.71	A032119	0.55	A032121	<0.50	0.50	A032121
Acid Extractable Nickel (Ni)	ug/g	8.6	A032119	8.7	A032121	10	0.50	A032121
Acid Extractable Selenium (Se)	ug/g	<0.50	A032119	<0.50	A032121	<0.50	0.50	A032121
Acid Extractable Silver (Ag)	ug/g	<0.20	A032119	<0.20	A032121	<0.20	0.20	A032121
Acid Extractable Thallium (Tl)	ug/g	0.075	A032119	0.075	A032121	0.053	0.050	A032121
Acid Extractable Uranium (U)	ug/g	0.91	A032119	0.62	A032121	0.42	0.050	A032121
Acid Extractable Vanadium (V)	ug/g	19	A032119	21	A032121	22	5.0	A032121
Acid Extractable Zinc (Zn)	ug/g	31	A032119	33	A032121	19	5.0	A032121

<b>BTEX &amp; F1 Hydrocarbons</b>								
Benzene	ug/g	<0.020	A031626	<0.020	A031626	<0.020	0.020	A031626
Toluene	ug/g	0.082	A031626	<0.020	A031626	<0.020	0.020	A031626
Ethylbenzene	ug/g	<0.020	A031626	<0.020	A031626	<0.020	0.020	A031626
o-Xylene	ug/g	<0.020	A031626	<0.020	A031626	<0.020	0.020	A031626
p+m-Xylene	ug/g	<0.040	A031626	<0.040	A031626	<0.040	0.040	A031626
Total Xylenes	ug/g	<0.040	A031626	<0.040	A031626	<0.040	0.040	A031626
F1 (C6-C10)	ug/g	<10	A031626	<10	A031626	<10	10	A031626
F1 (C6-C10) - BTEX	ug/g	<10	A031626	<10	A031626	<10	10	A031626

RDL = Reportable Detection Limit  
 QC Batch = Quality Control Batch  
 (1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.



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Bureau Veritas Job #: C5C7957  
Report Date: 2025/10/16

exp Services Inc  
Client Project #: OTT-25006966-A0

**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD72		AWCD73		AWCD74		
Sampling Date		2025/10/02 12:00		2025/10/02 08:30		2025/10/02 08:30		
COC Number		C#1063336-01-01		C#1063336-01-01		C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-8 GS-2</b>	<b>QC Batch</b>	<b>TP25-6 GS-1</b>	<b>QC Batch</b>	<b>TP25-6 GS-2</b>	<b>RDL</b>	<b>QC Batch</b>

<b>F2-F4 Hydrocarbons</b>								
F2 (C10-C16 Hydrocarbons)	ug/g	7.5	A031711	<7.0	A031711	<7.0	7.0	A031711
F3 (C16-C34 Hydrocarbons)	ug/g	96	A031711	94	A031711	<50	50	A031711
F4 (C34-C50 Hydrocarbons)	ug/g	<50	A031711	<50	A031711	<50	50	A031711
Reached Baseline at C50	ug/g	Yes	A031711	Yes	A031711	Yes		A031711
<b>Surrogate Recovery (%)</b>								
1,4-Difluorobenzene	%	109	A031626	107	A031626	106		A031626
4-Bromofluorobenzene	%	98	A031626	97	A031626	100		A031626
D10-o-Xylene	%	105	A031626	114	A031626	134		A031626
D4-1,2-Dichloroethane	%	99	A031626	100	A031626	98		A031626
o-Terphenyl	%	94	A031711	98	A031711	93		A031711
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								



O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)

Bureau Veritas ID		AWCD74			AWCD75	AWCD76		
Sampling Date		2025/10/02 08:30			2025/10/02 11:00	2025/10/02 11:00		
COC Number		C#1063336-01-01			C#1063336-01-01	C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-6 GS-2 Lab-Dup</b>	<b>RDL</b>	<b>QC Batch</b>	<b>TP25-3 GS-1</b>	<b>TP25-3 GS-2</b>	<b>RDL</b>	<b>QC Batch</b>

**Calculated Parameters**

Sodium Adsorption Ratio	N/A				0.27 (1)	0.30 (1)		A030380
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**Inorganics**

Conductivity	mS/cm				0.18	0.16	0.002	A032106
Available (CaCl2) pH	pH				7.63	7.66		A032511

**Metals**

Acid Extractable Antimony (Sb)	ug/g	<0.20	0.20	A032121	<0.20	<0.20	0.20	A032121
Acid Extractable Arsenic (As)	ug/g	1.5	1.0	A032121	1.0	3.8	1.0	A032121
Acid Extractable Barium (Ba)	ug/g	76	0.50	A032121	91	130	0.50	A032121
Acid Extractable Beryllium (Be)	ug/g	0.32	0.20	A032121	0.28	0.44	0.20	A032121
Acid Extractable Boron (B)	ug/g	<5.0	5.0	A032121	<5.0	<5.0	5.0	A032121
Acid Extractable Cadmium (Cd)	ug/g	<0.10	0.10	A032121	<0.10	<0.10	0.10	A032121
Acid Extractable Chromium (Cr)	ug/g	11	1.0	A032121	14	16	1.0	A032121
Acid Extractable Cobalt (Co)	ug/g	4.7	0.10	A032121	5.0	12	0.10	A032121
Acid Extractable Copper (Cu)	ug/g	10	0.50	A032121	14	32	0.50	A032121
Acid Extractable Lead (Pb)	ug/g	3.6	1.0	A032121	6.7	9.5	1.0	A032121
Acid Extractable Molybdenum (Mo)	ug/g	<0.50	0.50	A032121	0.90	0.66	0.50	A032121
Acid Extractable Nickel (Ni)	ug/g	11	0.50	A032121	10	20	0.50	A032121
Acid Extractable Selenium (Se)	ug/g	<0.50	0.50	A032121	<0.50	<0.50	0.50	A032121
Acid Extractable Silver (Ag)	ug/g	<0.20	0.20	A032121	<0.20	<0.20	0.20	A032121
Acid Extractable Thallium (Tl)	ug/g	<0.050	0.050	A032121	0.091	0.13	0.050	A032121
Acid Extractable Uranium (U)	ug/g	0.46	0.050	A032121	0.45	0.46	0.050	A032121
Acid Extractable Vanadium (V)	ug/g	23	5.0	A032121	23	28	5.0	A032121
Acid Extractable Zinc (Zn)	ug/g	20	5.0	A032121	29	58	5.0	A032121

**BTEX & F1 Hydrocarbons**

Benzene	ug/g				<0.020	<0.020	0.020	A031626
Toluene	ug/g				<0.020	<0.020	0.020	A031626
Ethylbenzene	ug/g				<0.020	<0.020	0.020	A031626
o-Xylene	ug/g				<0.020	<0.020	0.020	A031626
p+m-Xylene	ug/g				<0.040	<0.040	0.040	A031626
Total Xylenes	ug/g				<0.040	<0.040	0.040	A031626
F1 (C6-C10)	ug/g				<10	<10	10	A031626
F1 (C6-C10) - BTEX	ug/g				<10	<10	10	A031626

RDL = Reportable Detection Limit  
QC Batch = Quality Control Batch  
Lab-Dup = Laboratory Initiated Duplicate  
(1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.



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Bureau Veritas Job #: C5C7957  
Report Date: 2025/10/16

exp Services Inc  
Client Project #: OTT-25006966-A0

**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD74			AWCD75	AWCD76		
Sampling Date		2025/10/02 08:30			2025/10/02 11:00	2025/10/02 11:00		
COC Number		C#1063336-01-01			C#1063336-01-01	C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-6 GS-2 Lab-Dup</b>	<b>RDL</b>	<b>QC Batch</b>	<b>TP25-3 GS-1</b>	<b>TP25-3 GS-2</b>	<b>RDL</b>	<b>QC Batch</b>

<b>F2-F4 Hydrocarbons</b>								
F2 (C10-C16 Hydrocarbons)	ug/g				<7.0	<7.0	7.0	A031711
F3 (C16-C34 Hydrocarbons)	ug/g				<50	<50	50	A031711
F4 (C34-C50 Hydrocarbons)	ug/g				<50	<50	50	A031711
Reached Baseline at C50	ug/g				Yes	Yes		A031711
<b>Surrogate Recovery (%)</b>								
1,4-Difluorobenzene	%				105	107		A031626
4-Bromofluorobenzene	%				98	98		A031626
D10-o-Xylene	%				88	94		A031626
D4-1,2-Dichloroethane	%				103	100		A031626
o-Terphenyl	%				94	97		A031711
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate								



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Bureau Veritas Job #: C5C7957  
Report Date: 2025/10/16

exp Services Inc  
Client Project #: OTT-25006966-A0

**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD77		AWCD78		AWCD79		
Sampling Date		2025/10/02 02:30		2025/10/02 10:00		2025/10/02 09:30		
COC Number		C#1063336-01-01		C#1063336-01-01		C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-4 GS-2</b>	<b>QC Batch</b>	<b>TP25-5 GS-1</b>	<b>QC Batch</b>	<b>TP25-2 GS-2</b>	<b>RDL</b>	<b>QC Batch</b>

<b>Calculated Parameters</b>								
Sodium Adsorption Ratio	N/A	0.42	A030380	0.40	A030380	0.20		A030380

<b>Inorganics</b>								
Conductivity	mS/cm	0.16	A032106	0.76	A032106	0.39	0.002	A032106
Available (CaCl2) pH	pH	7.30	A032511	7.43	A032511	7.27		A032511

<b>Metals</b>								
Acid Extractable Antimony (Sb)	ug/g	<0.20	A032119	<0.20	A032121	0.20	0.20	A032119
Acid Extractable Arsenic (As)	ug/g	3.0	A032119	3.0	A032121	2.7	1.0	A032119
Acid Extractable Barium (Ba)	ug/g	82	A032119	97	A032121	130	0.50	A032119
Acid Extractable Beryllium (Be)	ug/g	0.40	A032119	0.39	A032121	0.43	0.20	A032119
Acid Extractable Boron (B)	ug/g	<5.0	A032119	<5.0	A032121	<5.0	5.0	A032119
Acid Extractable Cadmium (Cd)	ug/g	0.10	A032119	0.12	A032121	0.16	0.10	A032119
Acid Extractable Chromium (Cr)	ug/g	15	A032119	17	A032121	19	1.0	A032119
Acid Extractable Cobalt (Co)	ug/g	8.0	A032119	7.0	A032121	7.3	0.10	A032119
Acid Extractable Copper (Cu)	ug/g	31	A032119	16	A032121	16	0.50	A032119
Acid Extractable Lead (Pb)	ug/g	7.0	A032119	11	A032121	16	1.0	A032119
Acid Extractable Molybdenum (Mo)	ug/g	<0.50	A032119	1.8	A032121	1.4	0.50	A032119
Acid Extractable Nickel (Ni)	ug/g	17	A032119	15	A032121	16	0.50	A032119
Acid Extractable Selenium (Se)	ug/g	<0.50	A032119	<0.50	A032121	<0.50	0.50	A032119
Acid Extractable Silver (Ag)	ug/g	<0.20	A032119	<0.20	A032121	<0.20	0.20	A032119
Acid Extractable Thallium (Tl)	ug/g	0.11	A032119	0.16	A032121	0.12	0.050	A032119
Acid Extractable Uranium (U)	ug/g	0.53	A032119	0.70	A032121	0.77	0.050	A032119
Acid Extractable Vanadium (V)	ug/g	26	A032119	25	A032121	28	5.0	A032119
Acid Extractable Zinc (Zn)	ug/g	49	A032119	43	A032121	59	5.0	A032119

<b>BTEX &amp; F1 Hydrocarbons</b>								
Benzene	ug/g	<0.020	A031626	<0.020	A031626	<0.020	0.020	A031626
Toluene	ug/g	<0.020	A031626	<0.020	A031626	<0.020	0.020	A031626
Ethylbenzene	ug/g	<0.020	A031626	<0.020	A031626	<0.020	0.020	A031626
o-Xylene	ug/g	<0.020	A031626	<0.020	A031626	<0.020	0.020	A031626
p+m-Xylene	ug/g	<0.040	A031626	<0.040	A031626	<0.040	0.040	A031626
Total Xylenes	ug/g	<0.040	A031626	<0.040	A031626	<0.040	0.040	A031626
F1 (C6-C10)	ug/g	<10	A031626	<10	A031626	<10	10	A031626
F1 (C6-C10) - BTEX	ug/g	<10	A031626	<10	A031626	<10	10	A031626

<b>F2-F4 Hydrocarbons</b>								
F2 (C10-C16 Hydrocarbons)	ug/g	<7.0	A031711	<7.0	A031711	<7.0	7.0	A031711

RDL = Reportable Detection Limit  
QC Batch = Quality Control Batch



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Bureau Veritas Job #: C5C7957  
Report Date: 2025/10/16

exp Services Inc  
Client Project #: OTT-25006966-A0

**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD77		AWCD78		AWCD79		
Sampling Date		2025/10/02 02:30		2025/10/02 10:00		2025/10/02 09:30		
COC Number		C#1063336-01-01		C#1063336-01-01		C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-4 GS-2</b>	<b>QC Batch</b>	<b>TP25-5 GS-1</b>	<b>QC Batch</b>	<b>TP25-2 GS-2</b>	<b>RDL</b>	<b>QC Batch</b>
F3 (C16-C34 Hydrocarbons)	ug/g	<50	A031711	<50	A031711	76	50	A031711
F4 (C34-C50 Hydrocarbons)	ug/g	<50	A031711	<50	A031711	81	50	A031711
Reached Baseline at C50	ug/g	Yes	A031711	Yes	A031711	Yes		A031711
<b>Surrogate Recovery (%)</b>								
1,4-Difluorobenzene	%	103	A031626	109	A031626	107		A031626
4-Bromofluorobenzene	%	96	A031626	98	A031626	98		A031626
D10-o-Xylene	%	99	A031626	109	A031626	108		A031626
D4-1,2-Dichloroethane	%	99	A031626	101	A031626	100		A031626
o-Terphenyl	%	95	A031711	95	A031711	95		A031711
RDL = Reportable Detection Limit QC Batch = Quality Control Batch								



**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD80			AWCD80		
Sampling Date		2025/10/02 09:30			2025/10/02 09:30		
COC Number		C#1063336-01-01			C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-2 GS-3</b>	<b>RDL</b>	<b>QC Batch</b>	<b>TP25-2 GS-3 Lab-Dup</b>	<b>RDL</b>	<b>QC Batch</b>

**Calculated Parameters**

Sodium Adsorption Ratio	N/A	0.32		A030380			
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**Inorganics**

Conductivity	mS/cm	0.15	0.002	A032106	0.15	0.002	A032106
Available (CaCl2) pH	pH	7.58		A032511			

**Metals**

Acid Extractable Antimony (Sb)	ug/g	<0.20	0.20	A032121			
Acid Extractable Arsenic (As)	ug/g	5.7	1.0	A032121			
Acid Extractable Barium (Ba)	ug/g	74	0.50	A032121			
Acid Extractable Beryllium (Be)	ug/g	0.50	0.20	A032121			
Acid Extractable Boron (B)	ug/g	<5.0	5.0	A032121			
Acid Extractable Cadmium (Cd)	ug/g	<0.10	0.10	A032121			
Acid Extractable Chromium (Cr)	ug/g	22	1.0	A032121			
Acid Extractable Cobalt (Co)	ug/g	11	0.10	A032121			
Acid Extractable Copper (Cu)	ug/g	32	0.50	A032121			
Acid Extractable Lead (Pb)	ug/g	7.1	1.0	A032121			
Acid Extractable Molybdenum (Mo)	ug/g	<0.50	0.50	A032121			
Acid Extractable Nickel (Ni)	ug/g	24	0.50	A032121			
Acid Extractable Selenium (Se)	ug/g	<0.50	0.50	A032121			
Acid Extractable Silver (Ag)	ug/g	<0.20	0.20	A032121			
Acid Extractable Thallium (Tl)	ug/g	0.12	0.050	A032121			
Acid Extractable Uranium (U)	ug/g	0.52	0.050	A032121			
Acid Extractable Vanadium (V)	ug/g	32	5.0	A032121			
Acid Extractable Zinc (Zn)	ug/g	52	5.0	A032121			

**BTEX & F1 Hydrocarbons**

Benzene	ug/g	<0.020	0.020	A031626			
Toluene	ug/g	<0.020	0.020	A031626			
Ethylbenzene	ug/g	<0.020	0.020	A031626			
o-Xylene	ug/g	<0.020	0.020	A031626			
p+m-Xylene	ug/g	<0.040	0.040	A031626			
Total Xylenes	ug/g	<0.040	0.040	A031626			
F1 (C6-C10)	ug/g	<10	10	A031626			
F1 (C6-C10) - BTEX	ug/g	<10	10	A031626			

**F2-F4 Hydrocarbons**

F2 (C10-C16 Hydrocarbons)	ug/g	<7.0	7.0	A031711			
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RDL = Reportable Detection Limit  
 QC Batch = Quality Control Batch  
 Lab-Dup = Laboratory Initiated Duplicate



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Bureau Veritas Job #: C5C7957  
Report Date: 2025/10/16

exp Services Inc  
Client Project #: OTT-25006966-A0

**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD80			AWCD80		
Sampling Date		2025/10/02 09:30			2025/10/02 09:30		
COC Number		C#1063336-01-01			C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-2 GS-3</b>	<b>RDL</b>	<b>QC Batch</b>	<b>TP25-2 GS-3 Lab-Dup</b>	<b>RDL</b>	<b>QC Batch</b>
F3 (C16-C34 Hydrocarbons)	ug/g	<50	50	A031711			
F4 (C34-C50 Hydrocarbons)	ug/g	<50	50	A031711			
Reached Baseline at C50	ug/g	Yes		A031711			
<b>Surrogate Recovery (%)</b>							
1,4-Difluorobenzene	%	108		A031626			
4-Bromofluorobenzene	%	95		A031626			
D10-o-Xylene	%	109		A031626			
D4-1,2-Dichloroethane	%	100		A031626			
o-Terphenyl	%	94		A031711			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							



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Bureau Veritas Job #: C5C7957  
Report Date: 2025/10/16

exp Services Inc  
Client Project #: OTT-25006966-A0

**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD81	AWCD82		
Sampling Date		2025/10/02 08:30	2025/10/02 12:00		
COC Number		C#1063336-01-01	C#1063336-01-01		
	<b>UNITS</b>	<b>DUP 1</b>	<b>DUP 2</b>	<b>RDL</b>	<b>QC Batch</b>
<b>Calculated Parameters</b>					
Sodium Adsorption Ratio	N/A	0.35	0.16		A030380
<b>Inorganics</b>					
Conductivity	mS/cm	0.40	0.84	0.002	A032106
Available (CaCl2) pH	pH	6.90	7.43		A032511
<b>Metals</b>					
Acid Extractable Antimony (Sb)	ug/g	<0.20	<0.20	0.20	A032121
Acid Extractable Arsenic (As)	ug/g	1.8	1.7	1.0	A032121
Acid Extractable Barium (Ba)	ug/g	87	79	0.50	A032121
Acid Extractable Beryllium (Be)	ug/g	0.34	0.32	0.20	A032121
Acid Extractable Boron (B)	ug/g	<5.0	<5.0	5.0	A032121
Acid Extractable Cadmium (Cd)	ug/g	0.16	0.11	0.10	A032121
Acid Extractable Chromium (Cr)	ug/g	14	17	1.0	A032121
Acid Extractable Cobalt (Co)	ug/g	4.5	6.0	0.10	A032121
Acid Extractable Copper (Cu)	ug/g	8.7	13	0.50	A032121
Acid Extractable Lead (Pb)	ug/g	9.0	7.7	1.0	A032121
Acid Extractable Molybdenum (Mo)	ug/g	0.73	1.1	0.50	A032121
Acid Extractable Nickel (Ni)	ug/g	9.6	13	0.50	A032121
Acid Extractable Selenium (Se)	ug/g	<0.50	<0.50	0.50	A032121
Acid Extractable Silver (Ag)	ug/g	<0.20	<0.20	0.20	A032121
Acid Extractable Thallium (Tl)	ug/g	0.088	0.12	0.050	A032121
Acid Extractable Uranium (U)	ug/g	0.69	0.57	0.050	A032121
Acid Extractable Vanadium (V)	ug/g	22	25	5.0	A032121
Acid Extractable Zinc (Zn)	ug/g	40	32	5.0	A032121
<b>BTEX &amp; F1 Hydrocarbons</b>					
Benzene	ug/g	<0.020	<0.020	0.020	A031626
Toluene	ug/g	<0.020	<0.020	0.020	A031626
Ethylbenzene	ug/g	<0.020	<0.020	0.020	A031626
o-Xylene	ug/g	<0.020	<0.020	0.020	A031626
p+m-Xylene	ug/g	<0.040	<0.040	0.040	A031626
Total Xylenes	ug/g	<0.040	<0.040	0.040	A031626
F1 (C6-C10)	ug/g	<10	<10	10	A031626
F1 (C6-C10) - BTEX	ug/g	<10	<10	10	A031626
<b>F2-F4 Hydrocarbons</b>					
F2 (C10-C16 Hydrocarbons)	ug/g	<7.0	<7.0	7.0	A031711
RDL = Reportable Detection Limit QC Batch = Quality Control Batch					



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VERITAS

Bureau Veritas Job #: C5C7957  
Report Date: 2025/10/16

exp Services Inc  
Client Project #: OTT-25006966-A0

**O.REG 406 EXCESS SOIL MIN. BULK S/SS PKG (SOIL)**

Bureau Veritas ID		AWCD81	AWCD82		
Sampling Date		2025/10/02 08:30	2025/10/02 12:00		
COC Number		C#1063336-01-01	C#1063336-01-01		
	<b>UNITS</b>	<b>DUP 1</b>	<b>DUP 2</b>	<b>RDL</b>	<b>QC Batch</b>
F3 (C16-C34 Hydrocarbons)	ug/g	84	<50	50	A031711
F4 (C34-C50 Hydrocarbons)	ug/g	100	<50	50	A031711
Reached Baseline at C50	ug/g	Yes	Yes		A031711
<b>Surrogate Recovery (%)</b>					
1,4-Difluorobenzene	%	104	108		A031626
4-Bromofluorobenzene	%	100	96		A031626
D10-o-Xylene	%	111	101		A031626
D4-1,2-Dichloroethane	%	102	98		A031626
o-Terphenyl	%	94	93		A031711
RDL = Reportable Detection Limit QC Batch = Quality Control Batch					



BUREAU  
VERITAS

Bureau Veritas Job #: C5C7957  
Report Date: 2025/10/16

exp Services Inc  
Client Project #: OTT-25006966-A0

### RESULTS OF ANALYSES OF SOIL

Bureau Veritas ID		AWCD63	AWCD64	AWCD65	AWCD66	AWCD67		
Sampling Date		2025/10/02 03:30	2025/10/02 03:30	2025/10/02 04:30	2025/10/02 04:30	2025/10/02 10:30		
COC Number		C#1063336-01-01	C#1063336-01-01	C#1063336-01-01	C#1063336-01-01	C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-18 GS-3</b>	<b>TP25-18 GS-2</b>	<b>TP25-15 GS-1</b>	<b>TP25-15</b>	<b>TP25-14 GS-2</b>	<b>RDL</b>	<b>QC Batch</b>

<b>Inorganics</b>								
Moisture	%	6.1	19	24	13	30	1.0	A030738
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								

Bureau Veritas ID		AWCD68	AWCD69	AWCD70	AWCD71	AWCD72		
Sampling Date		2025/10/02 10:30	2025/10/02 01:30	2025/10/02 12:30	2025/10/02 12:00	2025/10/02 12:00		
COC Number		C#1063336-01-01	C#1063336-01-01	C#1063336-01-01	C#1063336-01-01	C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-14 GS-3</b>	<b>TP25-13 GS-1</b>	<b>TP25-11 GS-2</b>	<b>TP25-10 GS-1</b>	<b>TP25-8 GS-2</b>	<b>RDL</b>	<b>QC Batch</b>

<b>Inorganics</b>								
Moisture	%	31	11	15	12	20	1.0	A030738
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								

Bureau Veritas ID		AWCD73	AWCD74	AWCD75	AWCD76	AWCD77		
Sampling Date		2025/10/02 08:30	2025/10/02 08:30	2025/10/02 11:00	2025/10/02 11:00	2025/10/02 02:30		
COC Number		C#1063336-01-01	C#1063336-01-01	C#1063336-01-01	C#1063336-01-01	C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-6 GS-1</b>	<b>TP25-6 GS-2</b>	<b>TP25-3 GS-1</b>	<b>TP25-3 GS-2</b>	<b>TP25-4 GS-2</b>	<b>RDL</b>	<b>QC Batch</b>

<b>Inorganics</b>								
Moisture	%	30	7.5	5.0	6.8	14	1.0	A030738
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								

Bureau Veritas ID		AWCD78	AWCD79	AWCD80	AWCD80	AWCD81		
Sampling Date		2025/10/02 10:00	2025/10/02 09:30	2025/10/02 09:30	2025/10/02 09:30	2025/10/02 08:30		
COC Number		C#1063336-01-01	C#1063336-01-01	C#1063336-01-01	C#1063336-01-01	C#1063336-01-01		
	<b>UNITS</b>	<b>TP25-5 GS-1</b>	<b>TP25-2 GS-2</b>	<b>TP25-2 GS-3</b>	<b>TP25-2 GS-3 Lab-Dup</b>	<b>DUP 1</b>	<b>RDL</b>	<b>QC Batch</b>

<b>Inorganics</b>								
Moisture	%	11	9.0	13	13	15	1.0	A030738
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								
Lab-Dup = Laboratory Initiated Duplicate								



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### RESULTS OF ANALYSES OF SOIL

Bureau Veritas ID		AWCD82		
Sampling Date		2025/10/02 12:00		
COC Number		C#1063336-01-01		
	<b>UNITS</b>	<b>DUP 2</b>	<b>RDL</b>	<b>QC Batch</b>
<b>Inorganics</b>				
Moisture	%	12	1.0	A030738
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				



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### TEST SUMMARY

**Bureau Veritas ID:** AWCD63  
**Sample ID:** TP25-18 GS-3  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurparteek KAUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030341	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD63 Dup  
**Sample ID:** TP25-18 GS-3  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou

**Bureau Veritas ID:** AWCD64  
**Sample ID:** TP25-18 GS-2  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurparteek KAUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030341	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD64 Dup  
**Sample ID:** TP25-18 GS-2  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali

**Bureau Veritas ID:** AWCD65  
**Sample ID:** TP25-15 GS-1  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurparteek KAUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030341	N/A	2025/10/15	Automated Statchk



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### TEST SUMMARY

**Bureau Veritas ID:** AWCD66  
**Sample ID:** TP25-15  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee KAU
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030341	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD67  
**Sample ID:** TP25-14 GS-2  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee KAU
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030341	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD68  
**Sample ID:** TP25-14 GS-3  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee KAU
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030341	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD69  
**Sample ID:** TP25-13 GS-1  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee KAU
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030341	N/A	2025/10/15	Automated Statchk



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### TEST SUMMARY

**Bureau Veritas ID:** AWCD70  
**Sample ID:** TP25-11 GS-2  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee K AUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030341	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD71  
**Sample ID:** TP25-10 GS-1  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee K AUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030341	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD71 Dup  
**Sample ID:** TP25-10 GS-1  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot

**Bureau Veritas ID:** AWCD72  
**Sample ID:** TP25-8 GS-2  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee K AUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032119	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030380	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD73  
**Sample ID:** TP25-6 GS-1  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee K AUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali



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### TEST SUMMARY

**Bureau Veritas ID:** AWCD73  
**Sample ID:** TP25-6 GS-1  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030380	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD74  
**Sample ID:** TP25-6 GS-2  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee K AUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032593	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030380	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD74 Dup  
**Sample ID:** TP25-6 GS-2  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu

**Bureau Veritas ID:** AWCD75  
**Sample ID:** TP25-3 GS-1  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee K AUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030380	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD76  
**Sample ID:** TP25-3 GS-2  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee K AUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu



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### TEST SUMMARY

**Bureau Veritas ID:** AWCD76  
**Sample ID:** TP25-3 GS-2  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030380	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD77  
**Sample ID:** TP25-4 GS-2  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee K AUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032119	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030380	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD78  
**Sample ID:** TP25-5 GS-1  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee K AUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030380	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD79  
**Sample ID:** TP25-2 GS-2  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee K AUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032119	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030380	N/A	2025/10/15	Automated Statchk



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VERITAS

Bureau Veritas Job #: C5C7957  
Report Date: 2025/10/16

exp Services Inc  
Client Project #: OTT-25006966-A0

### TEST SUMMARY

**Bureau Veritas ID:** AWCD80  
**Sample ID:** TP25-2 GS-3  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee K AUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030380	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD80 Dup  
**Sample ID:** TP25-2 GS-3  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee K AUR
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas

**Bureau Veritas ID:** AWCD81  
**Sample ID:** DUP 1  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee K AUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030380	N/A	2025/10/15	Automated Statchk

**Bureau Veritas ID:** AWCD82  
**Sample ID:** DUP 2  
**Matrix:** Soil

**Collected:** 2025/10/02  
**Shipped:**  
**Received:** 2025/10/09

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	A032106	2025/10/15	2025/10/15	Gurpartee K AUR
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	A031626	N/A	2025/10/15	Abdikarim Ali
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	A031711	2025/10/14	2025/10/15	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	A032121	2025/10/15	2025/10/15	Daniel Teclu
Moisture	BAL	A030738	N/A	2025/10/11	Joe Thomas
pH CaCl2 EXTRACT	AT	A032511	2025/10/15	2025/10/15	Sreena Thekkoot
Sodium Adsorption Ratio (SAR)	CALC/MET	A030380	N/A	2025/10/15	Automated Statchk



### GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	12.3°C
Package 2	10.3°C
Package 3	11.7°C

Sample AWCD63 [TP25-18 GS-3] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD64 [TP25-18 GS-2] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD65 [TP25-15 GS-1] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD66 [TP25-15] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD67 [TP25-14 GS-2] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD68 [TP25-14 GS-3] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD69 [TP25-13 GS-1] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD70 [TP25-11 GS-2] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD71 [TP25-10 GS-1] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD72 [TP25-8 GS-2] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD73 [TP25-6 GS-1] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD75 [TP25-3 GS-1] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD76 [TP25-3 GS-2] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD77 [TP25-4 GS-2] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD78 [TP25-5 GS-1] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD80 [TP25-2 GS-3] : F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

Sample AWCD81 [DUP 1] : One or more of the pre-weighed sample vials in the order had an extra label attached. To determine the original vial weight used in calculating the sample weight, the weight of any extra labels was approximated using the weight of a label similar to the extra label



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Bureau Veritas Job #: C5C7957  
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exp Services Inc  
Client Project #: OTT-25006966-A0

attached.

F1/BTEX Analysis: Soil weight exceeds the protocol specification of approximately 5g in the field preserved vial. Additional methanol was added to the vial to ensure extraction efficiency.

**Results relate only to the items tested.**



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Bureau Veritas Job #: C5C7957

Report Date: 2025/10/16

### QUALITY ASSURANCE REPORT

exp Services Inc

Client Project #: OTT-25006966-A0

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
A031626	1,4-Difluorobenzene	2025/10/15	102	60 - 140	104	60 - 140	106	%		
A031626	4-Bromofluorobenzene	2025/10/15	101	60 - 140	103	60 - 140	97	%		
A031626	D10-o-Xylene	2025/10/15	96	60 - 140	99	60 - 140	87	%		
A031626	D4-1,2-Dichloroethane	2025/10/15	102	60 - 140	104	60 - 140	105	%		
A031711	o-Terphenyl	2025/10/15	91	60 - 140	89	60 - 140	94	%		
A030738	Moisture	2025/10/11							0.75	20
A031626	Benzene	2025/10/15	96	50 - 140	99	50 - 140	<0.020	ug/g	NC	50
A031626	Ethylbenzene	2025/10/15	93	50 - 140	103	50 - 140	<0.020	ug/g	NC	50
A031626	F1 (C6-C10) - BTEX	2025/10/15					<10	ug/g	NC	30
A031626	F1 (C6-C10)	2025/10/15	86	60 - 140	105	80 - 120	<10	ug/g	NC	30
A031626	o-Xylene	2025/10/15	102	50 - 140	101	50 - 140	<0.020	ug/g	NC	50
A031626	p+m-Xylene	2025/10/15	95	50 - 140	96	50 - 140	<0.040	ug/g	NC	50
A031626	Toluene	2025/10/15	90	50 - 140	90	50 - 140	<0.020	ug/g	0	50
A031626	Total Xylenes	2025/10/15					<0.040	ug/g	NC	50
A031711	F2 (C10-C16 Hydrocarbons)	2025/10/15	87	60 - 140	86	80 - 120	<7.0	ug/g	NC	30
A031711	F3 (C16-C34 Hydrocarbons)	2025/10/15	89	60 - 140	88	80 - 120	<50	ug/g	NC	30
A031711	F4 (C34-C50 Hydrocarbons)	2025/10/15	84	60 - 140	82	80 - 120	<50	ug/g	NC	30
A032106	Conductivity	2025/10/15			100	90 - 110	<0.002	mS/cm	1.3	10
A032119	Acid Extractable Antimony (Sb)	2025/10/15	104	75 - 125	104	80 - 120	<0.20	ug/g	NC	30
A032119	Acid Extractable Arsenic (As)	2025/10/15	102	75 - 125	104	80 - 120	<1.0	ug/g	NC	30
A032119	Acid Extractable Barium (Ba)	2025/10/15	100	75 - 125	99	80 - 120	<0.50	ug/g	9.5	30
A032119	Acid Extractable Beryllium (Be)	2025/10/15	95	75 - 125	98	80 - 120	<0.20	ug/g	NC	30
A032119	Acid Extractable Boron (B)	2025/10/15	94	75 - 125	97	80 - 120	<5.0	ug/g	NC	30
A032119	Acid Extractable Cadmium (Cd)	2025/10/15	101	75 - 125	100	80 - 120	<0.10	ug/g	NC	30
A032119	Acid Extractable Chromium (Cr)	2025/10/15	101	75 - 125	101	80 - 120	<1.0	ug/g	1.8	30
A032119	Acid Extractable Cobalt (Co)	2025/10/15	101	75 - 125	102	80 - 120	<0.10	ug/g	4.3	30
A032119	Acid Extractable Copper (Cu)	2025/10/15	97	75 - 125	101	80 - 120	<0.50	ug/g	16	30
A032119	Acid Extractable Lead (Pb)	2025/10/15	98	75 - 125	100	80 - 120	<1.0	ug/g	5.8	30
A032119	Acid Extractable Molybdenum (Mo)	2025/10/15	101	75 - 125	99	80 - 120	<0.50	ug/g	NC	30
A032119	Acid Extractable Nickel (Ni)	2025/10/15	99	75 - 125	103	80 - 120	<0.50	ug/g	5.8	30
A032119	Acid Extractable Selenium (Se)	2025/10/15	104	75 - 125	105	80 - 120	<0.50	ug/g	NC	30
A032119	Acid Extractable Silver (Ag)	2025/10/15	101	75 - 125	100	80 - 120	<0.20	ug/g	NC	30
A032119	Acid Extractable Thallium (Tl)	2025/10/15	97	75 - 125	100	80 - 120	<0.050	ug/g	NC	30



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Bureau Veritas Job #: C5C7957

Report Date: 2025/10/16

### QUALITY ASSURANCE REPORT(CONT'D)

exp Services Inc

Client Project #: OTT-25006966-A0

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
A032119	Acid Extractable Uranium (U)	2025/10/15	104	75 - 125	107	80 - 120	<0.050	ug/g	10	30
A032119	Acid Extractable Vanadium (V)	2025/10/15	96	75 - 125	101	80 - 120	<5.0	ug/g	2.4	30
A032119	Acid Extractable Zinc (Zn)	2025/10/15	101	75 - 125	102	80 - 120	<5.0	ug/g	0.43	30
A032121	Acid Extractable Antimony (Sb)	2025/10/15	91	75 - 125	102	80 - 120	<0.20	ug/g	NC	30
A032121	Acid Extractable Arsenic (As)	2025/10/15	92	75 - 125	100	80 - 120	<1.0	ug/g	4.0	30
A032121	Acid Extractable Barium (Ba)	2025/10/15	NC	75 - 125	97	80 - 120	<0.50	ug/g	0.68	30
A032121	Acid Extractable Beryllium (Be)	2025/10/15	96	75 - 125	99	80 - 120	<0.20	ug/g	0.37	30
A032121	Acid Extractable Boron (B)	2025/10/15	90	75 - 125	96	80 - 120	<5.0	ug/g	NC	30
A032121	Acid Extractable Cadmium (Cd)	2025/10/15	93	75 - 125	99	80 - 120	<0.10	ug/g	NC	30
A032121	Acid Extractable Chromium (Cr)	2025/10/15	97	75 - 125	101	80 - 120	<1.0	ug/g	3.3	30
A032121	Acid Extractable Cobalt (Co)	2025/10/15	93	75 - 125	99	80 - 120	<0.10	ug/g	0.41	30
A032121	Acid Extractable Copper (Cu)	2025/10/15	94	75 - 125	100	80 - 120	<0.50	ug/g	9.3	30
A032121	Acid Extractable Lead (Pb)	2025/10/15	90	75 - 125	97	80 - 120	<1.0	ug/g	1.5	30
A032121	Acid Extractable Molybdenum (Mo)	2025/10/15	91	75 - 125	96	80 - 120	<0.50	ug/g	NC	30
A032121	Acid Extractable Nickel (Ni)	2025/10/15	93	75 - 125	99	80 - 120	<0.50	ug/g	2.0	30
A032121	Acid Extractable Selenium (Se)	2025/10/15	93	75 - 125	99	80 - 120	<0.50	ug/g	NC	30
A032121	Acid Extractable Silver (Ag)	2025/10/15	92	75 - 125	97	80 - 120	<0.20	ug/g	NC	30
A032121	Acid Extractable Thallium (Tl)	2025/10/15	89	75 - 125	96	80 - 120	<0.050	ug/g	4.9	30
A032121	Acid Extractable Uranium (U)	2025/10/15	92	75 - 125	100	80 - 120	<0.050	ug/g	9.5	30
A032121	Acid Extractable Vanadium (V)	2025/10/15	102	75 - 125	99	80 - 120	<5.0	ug/g	1.9	30
A032121	Acid Extractable Zinc (Zn)	2025/10/15	95	75 - 125	100	80 - 120	<5.0	ug/g	3.9	30
A032511	Available (CaCl2) pH	2025/10/15			100	97 - 103			1.4	N/A
A032593	Available (CaCl2) pH	2025/10/15			100	97 - 103			0.10	N/A

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).



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Bureau Veritas Job #: C5C7957  
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exp Services Inc  
Client Project #: OTT-25006966-A0

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

*Cristina Carriere*

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Cristina Carriere, Senior Scientific Specialist

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Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

C5C7957  
2025/10/09 12:20

Bureau Veritas  
36 Antares Dr Unit 100, Nepean, Ontario Canada K2E 7W5 Tel:(613) 274-0573 Toll-free:800-563-6266 Fax:(613) 274-0574 www.bvna.com

Received in Ottawa

CHAIN OF CUSTODY RECORD

<b>Invoice To:</b> Company: #17498 exp Services Inc Attention: Accounts Payable Address: 100-2650 Queensview Drive Ottawa ON K2B 8H6 Tel: (613) 688-1899 Fax: (613) 225-7337 Email: AP@exp.com; Karen.Burke@exp.com		<b>Report To:</b> Company: Leah Wells Attention: Leah Wells Address: Tel: Email: leah.wells@exp.com		<b>PROJECT INFORMATION:</b> Quotation #: C41513 P.O. #: Project: OTT-25006966-A0 Project Name: Site #: Sampled By:		<b>Laboratory Use Only:</b> Bureau Veritas Job #: Bottle Order #: COC #: Project Manager: Katherine Szozda	
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MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS DRINKING WATER CHAIN OF CUSTODY					ANALYSIS REQUESTED (PLEASE BE SPECIFIC)										Turnaround Time (TAT) Required: Please provide advance notice for rush projects					
Regulation 153 (2011)			Other Regulations			Special Instructions	Field Filtered (please circle): Metals / Hg / Cr VI	O Reg 405 Excess Sol Min. Bulk SSS Pkg											Regular (Standard) TAT: (will be applied if Rush TAT is not specified): Standard TAT = 5-7 Working days for most tests. Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.	
<input type="checkbox"/> Table 1 <input type="checkbox"/> Table 2 <input checked="" type="checkbox"/> Table 3 <input type="checkbox"/> Table			<input type="checkbox"/> CCME <input type="checkbox"/> Reg 558. <input type="checkbox"/> MISA <input type="checkbox"/> PWQO <input type="checkbox"/> Other																Job Specific Rush TAT (if applies to entire submission) Date Required: _____ Time Required: _____ Rush Confirmation Number: _____ (call lab for it)	
Include Criteria on Certificate of Analysis (Y/N)?															# of Baites		Comments			
Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix																
1	TP25-18 GS-3	Oct 9/25	3:30	S											4					
2	TP25-18 GS-2		3:30																	
3	TP25-15 GS-1		4:30																	
4	TP25-15		4:30																	
5	TP25-14 GS-2		10:30																	
6	TP25-14 GS-3		10:30																	
7	TP25-13 GS-1		1:30																	
8	TP25-11 GS-2		12:30																	
9	TP25-10 GS-1		12:00																	
10	TP25-8 GS-2		2:00																	



OTT-2025-10-134

* Relinquished By (Print): <i>Leah Wells</i>		Date: (YY/MM/DD) 25/10/08	Time	RECEIVED BY: (Signature/Print) <i>Redas da Silva / MEX</i>	Date: (YY/MM/DD) 2025/10/09	Time 12:20	# Jars used and not submitted	Laboratory Use Only			
Time Sensitive		Temperature (°C) on Receipt ACTB		Custody Seal Present		Yes	No				

UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BUREAU VERITAS'S STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVNA.COM/ENVIRONMENTAL-LABORATORIES/RESOURCES/COC-TERMS-AND-CONDITIONS.

IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

SAMPLES MUST BE KEPT COOL (< 10° C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BUREAU VERITAS

\*\* SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVNA.COM/ENVIRONMENTAL-LABORATORIES/RESOURCES/CHAIN-CUSTODY-FORMS-COCS.

White: Bureau Veritas - Yellow: Client

C5C7957  
2025/10/09 12:20

Bureau Veritas  
36 Antares Dr Unit 100, Nepean, Ontario Canada K2E 7W5 Tel: (613) 274-0573 Toll-free: 800-563-6266 Fax: (613) 274-0574 www.bvna.com

Received in Ottawa

CHAIN OF CUSTODY RECORD

<b>Invoice To:</b> Company: #17498 exp Services Inc Attention: Accounts Payable Address: 100-2650 Queensview Drive Ottawa ON K2B 8H6 Tel: (613) 688-1899 Fax: (613) 225-7337 Email: AP@exp.com; Karen.Burke@exp.com		<b>Report To:</b> Company: Leah Wells Attention: Leah Wells Address: _____ Tel: _____ Fax: _____ Email: leah.wells@exp.com		<b>PROJECT INFORMATION:</b> Quotation #: C41513 P.O. #: _____ Project: OTT-25006966-A0 Project Name: _____ Site #: _____ Sampled By: _____		<b>Laboratory Use Only:</b> Bureau Veritas Job #: _____ Bottle Order #: 1063336 COC #: _____ Project Manager: Katherine Szozda	
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MDE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS DRINKING WATER CHAIN OF CUSTODY						ANALYSIS REQUESTED (PLEASE BE SPECIFIC)										Turnaround Time (TAT) Required: Please provide advance notice for rush projects										
Regulation 153 (2011)			Other Regulations			Special Instructions			Field Filtered (please circle): Metals / Hg / Cr/V	IO Reg 406 Excess S.C. Mem. Bulk S/GS (Pkg)											Regular (Standard) TAT: (will be applied if Rush TAT is not specified): Standard TAT = 5-7 Working days for most tests. Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.					
Table 1	Res/Part	Medium/Fine	CCME	Sanitary Sewer Bylaw																						
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
Include Criteria on Certificate of Analysis (Y/N)?																Job Specific Rush TAT (if applies to entire submission) Date Required: _____ Time Required: _____ Rush Confirmation Number: _____ (call lab for #)										
Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix																						
1	TP25-6 GS-1	Oct 2/25	8:30	S				X																		
2	TP25-6 GS-2		8:30																							
3	TP25-3 GS-1		11:00																							
4	TP25-3 GS-2		11:00																							
5	TP25-4 GS-2		2:30																							
6	TP25-5 GS-1		10:00																							
7	TP25-2 GS-2		9:30																							
8	TP25-2 GS-3		9:30																							
9	DUP 1		8:30																							
10	DUP 2		12:00																							

* Relinquished By (Print): Leah Wells		Date: (YY/MM/DD): 25/10/25	Time:	RECEIVED BY: (Signature/Print): Leah Wells	Date: (YY/MM/DD):	Time:	# Jars used and not submitted:	Laboratory Use Only			
Time Sensitive	Temperature (°C) on Recept	Custody Seal Present	Yes	No							

UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BUREAU VERITAS'S STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVNA.COM/ENVIRONMENTAL-LABORATORIES/RESOURCES/COC-TERMS-AND-CONDITIONS.

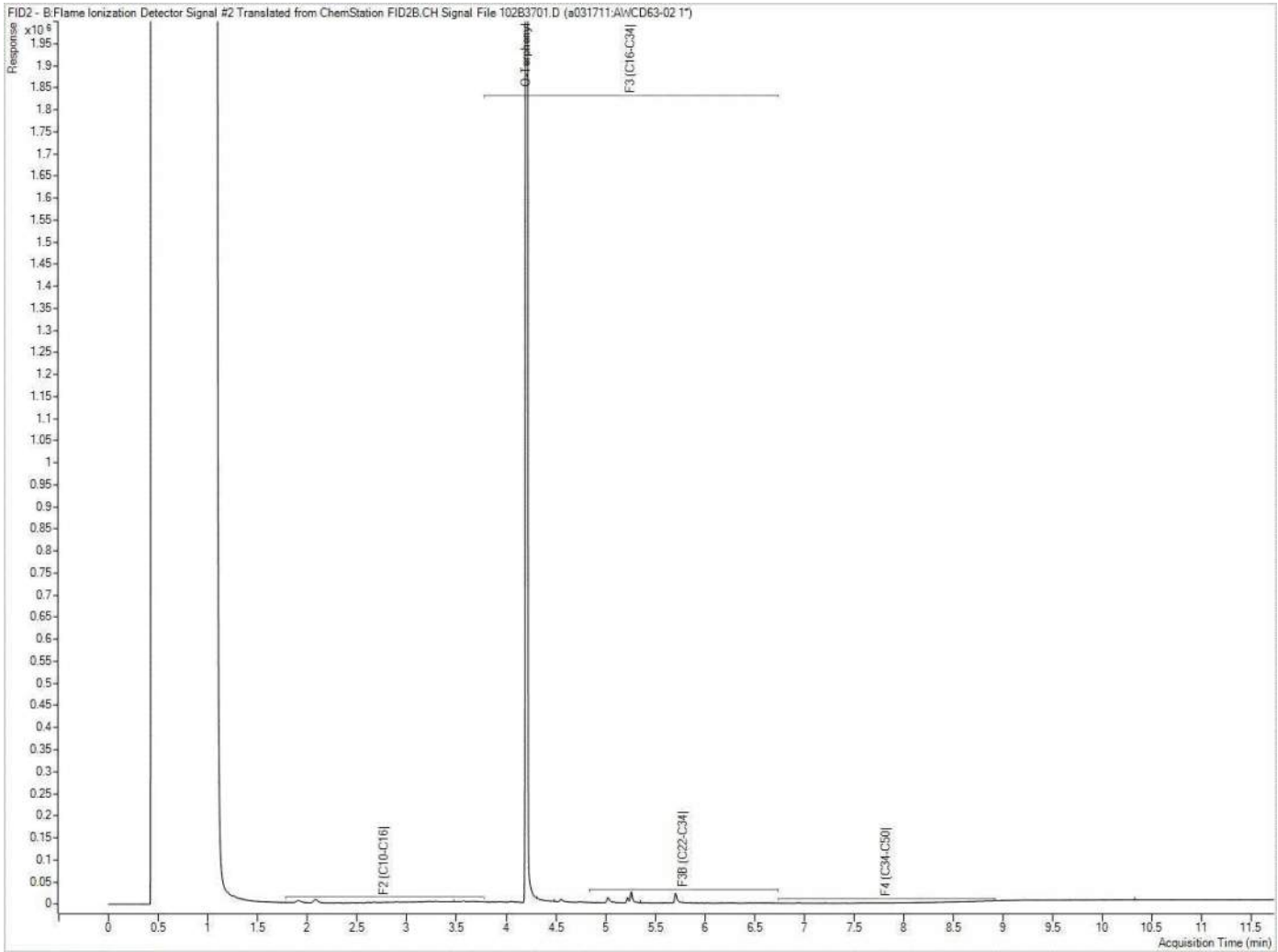
\* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

\*\* SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVNA.COM/ENVIRONMENTAL-LABORATORIES/RESOURCES/CHAIN-CUSTODY-FORMS-COCS.

SAMPLES MUST BE KEPT COOL (< 10° C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BUREAU VERITAS

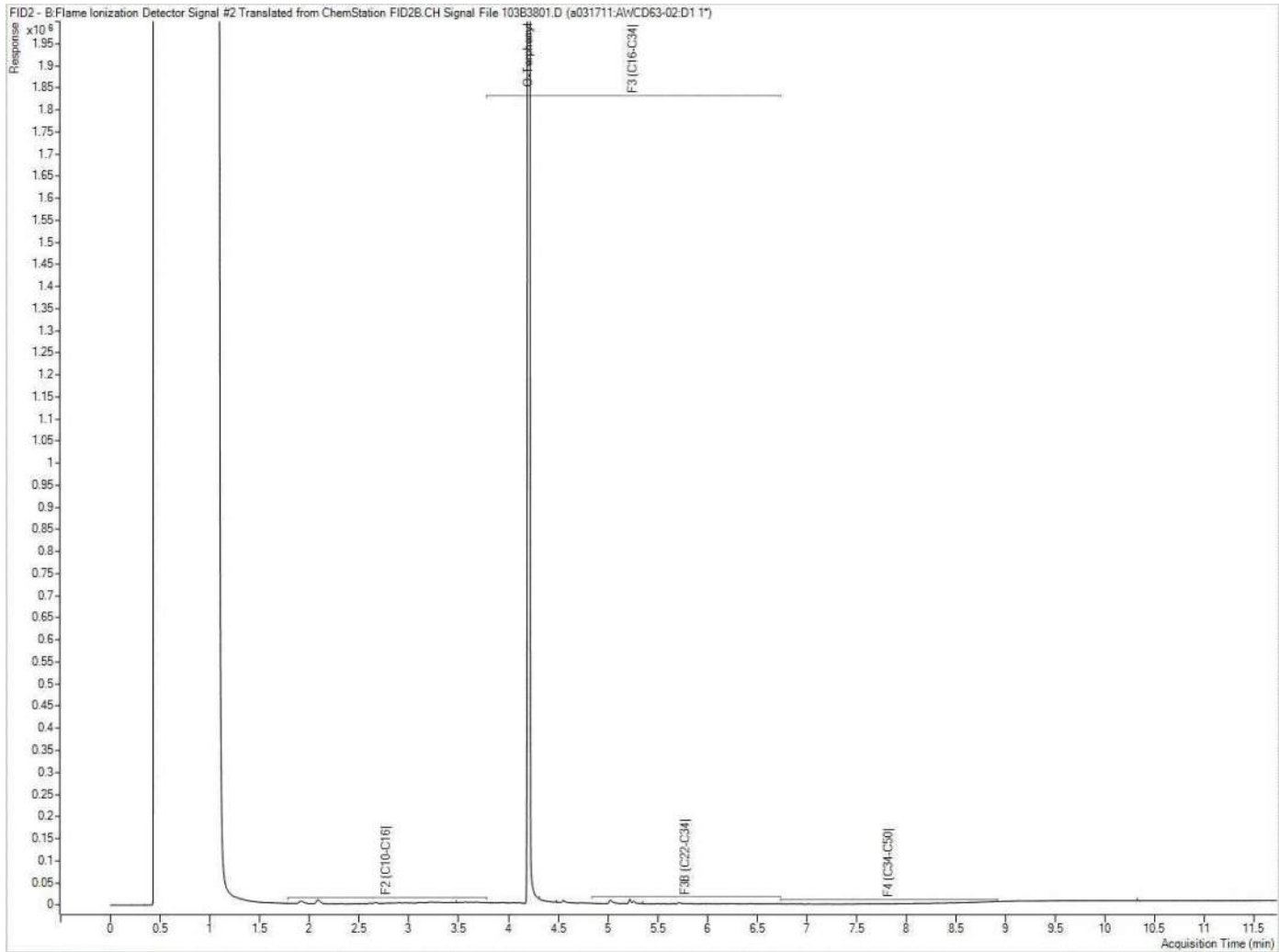
White: Bureau Veritas - Yellow: Client

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



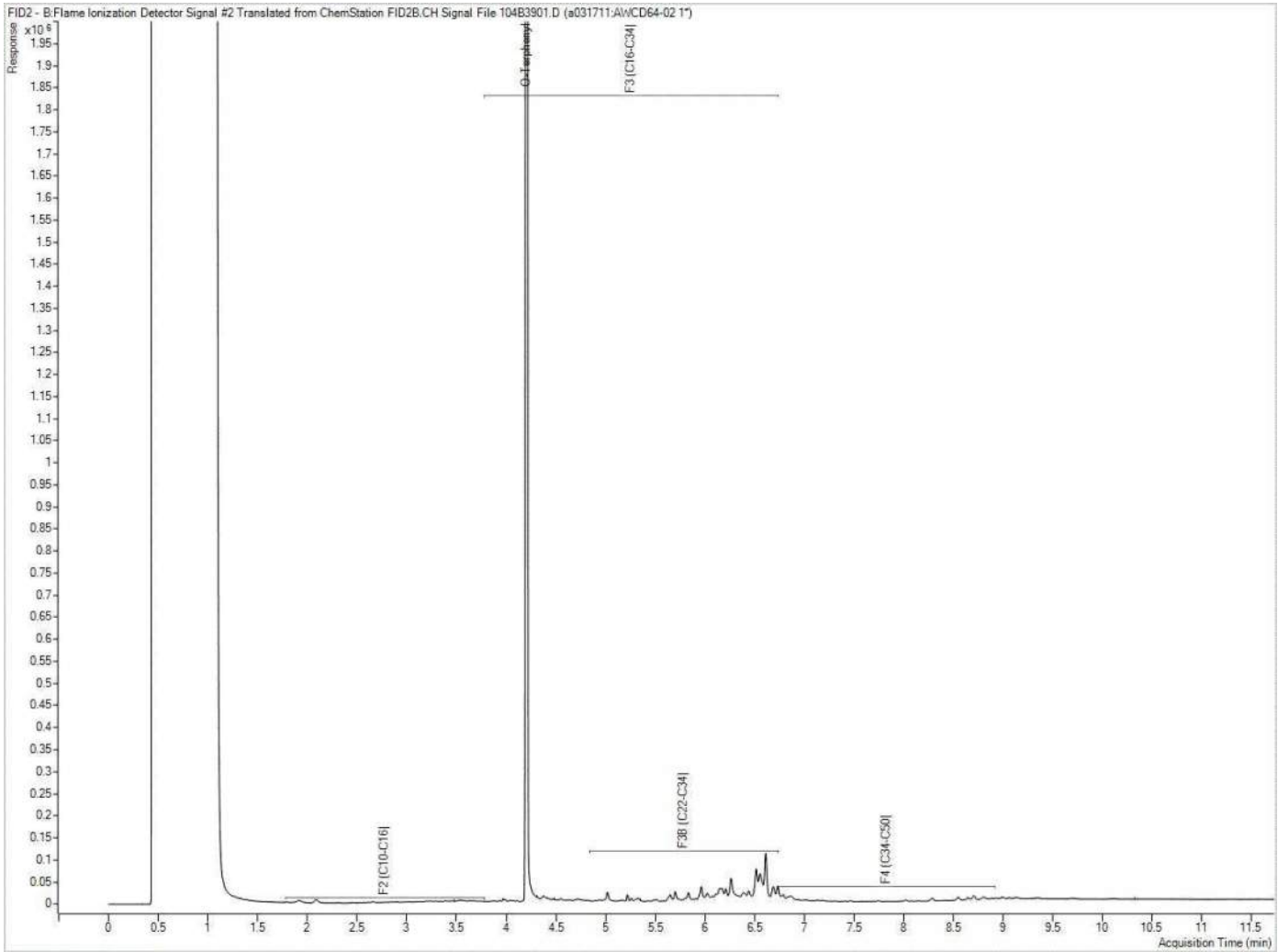
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Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



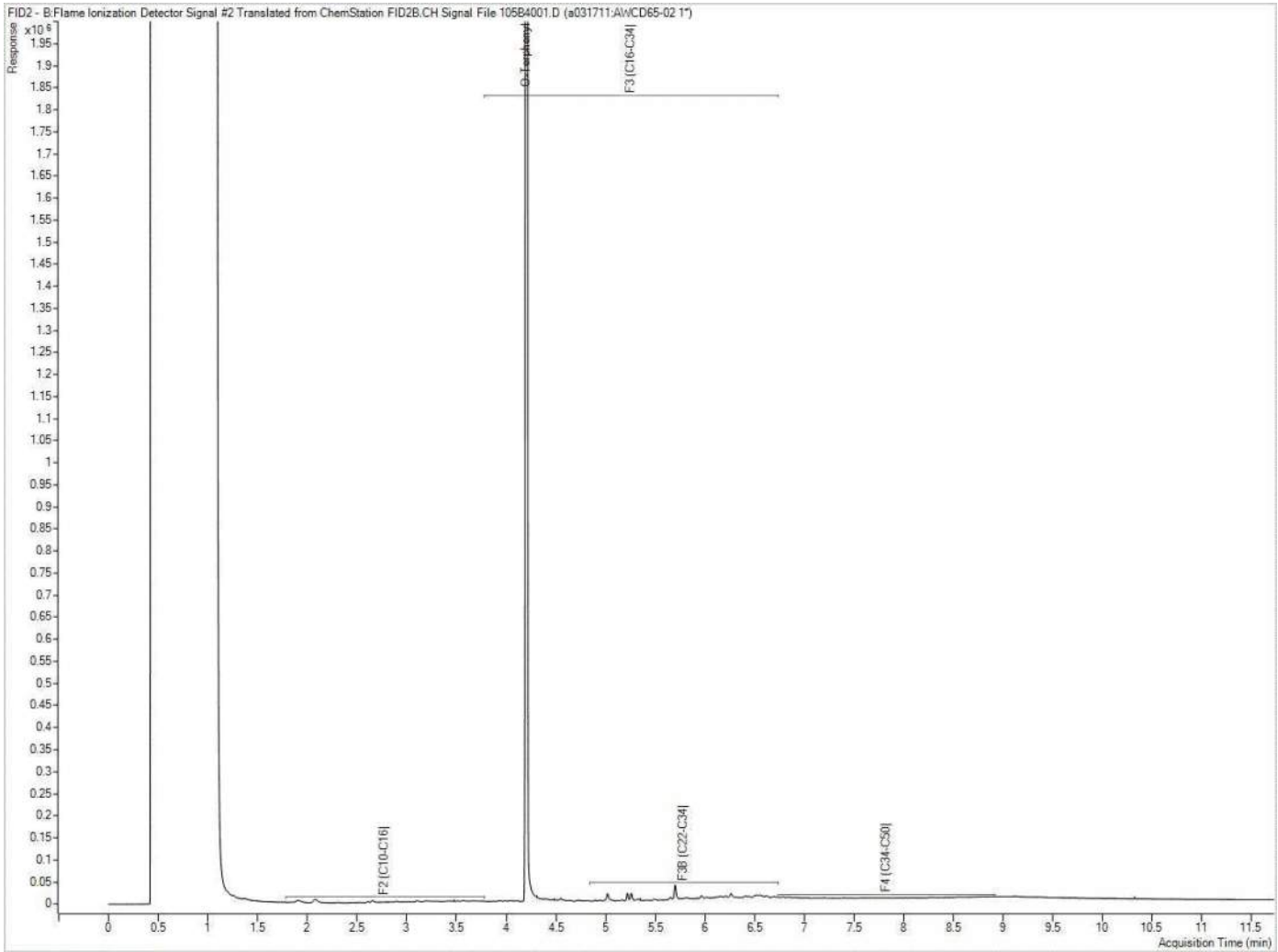
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Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



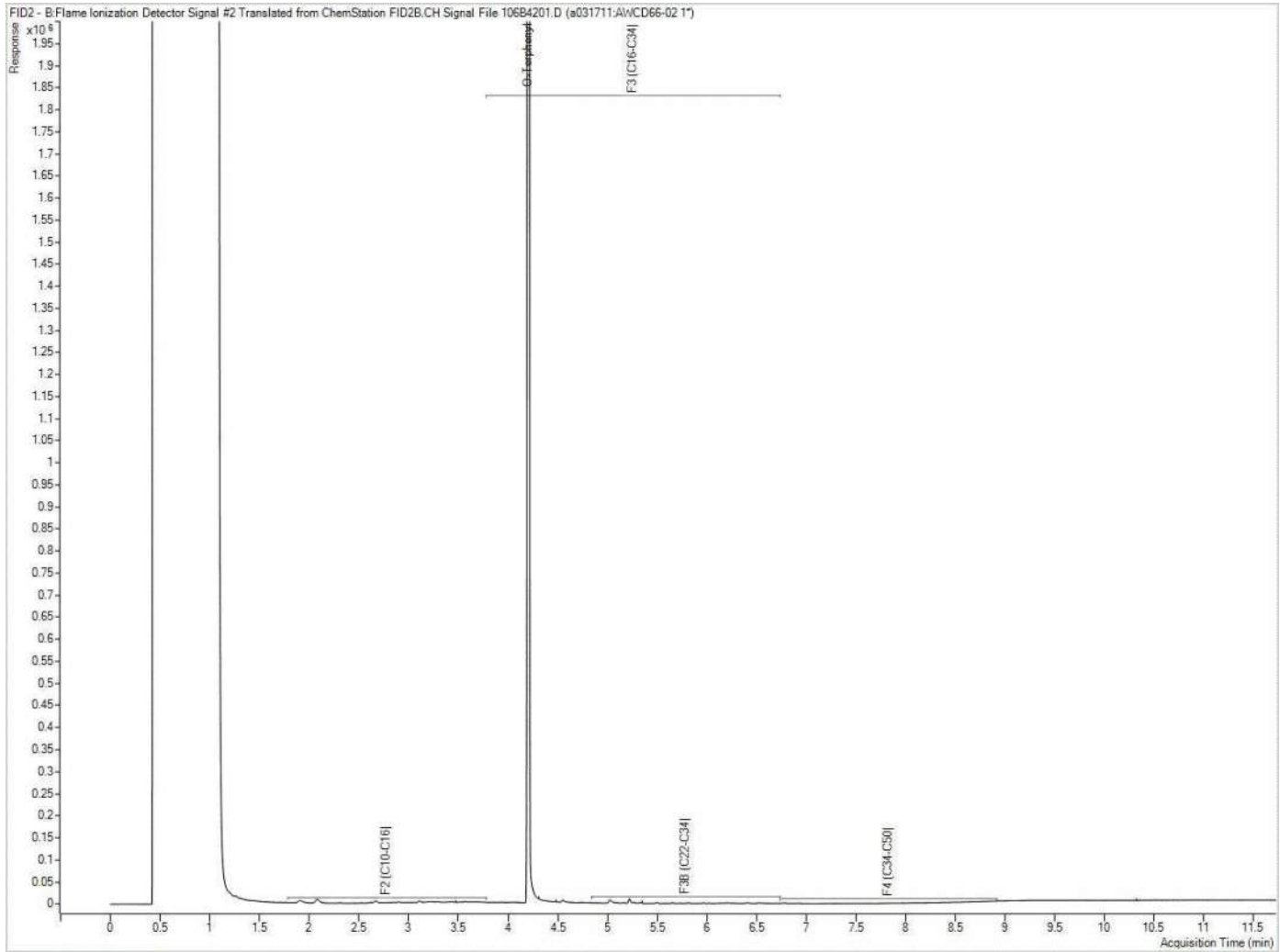
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Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



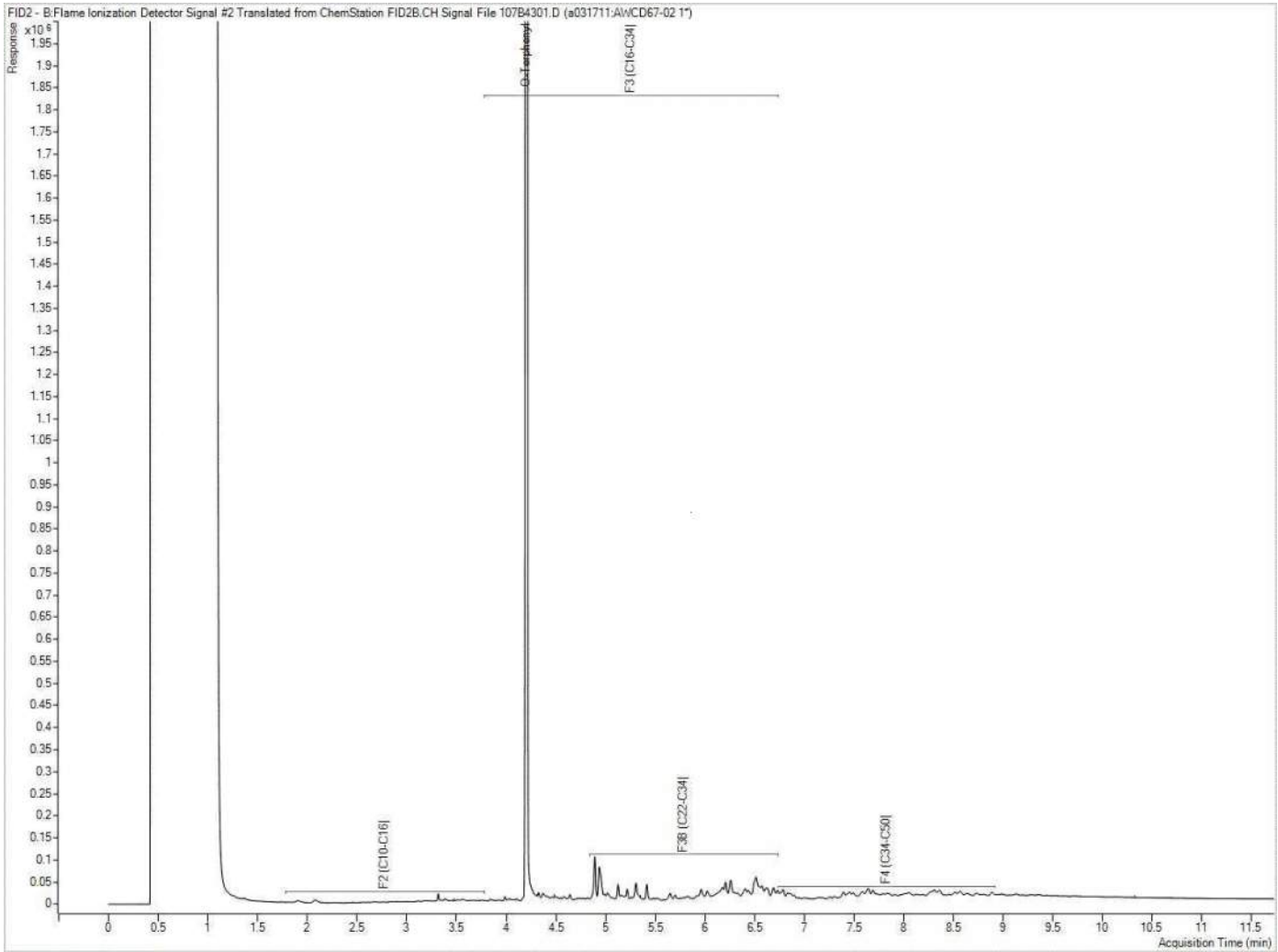
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Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



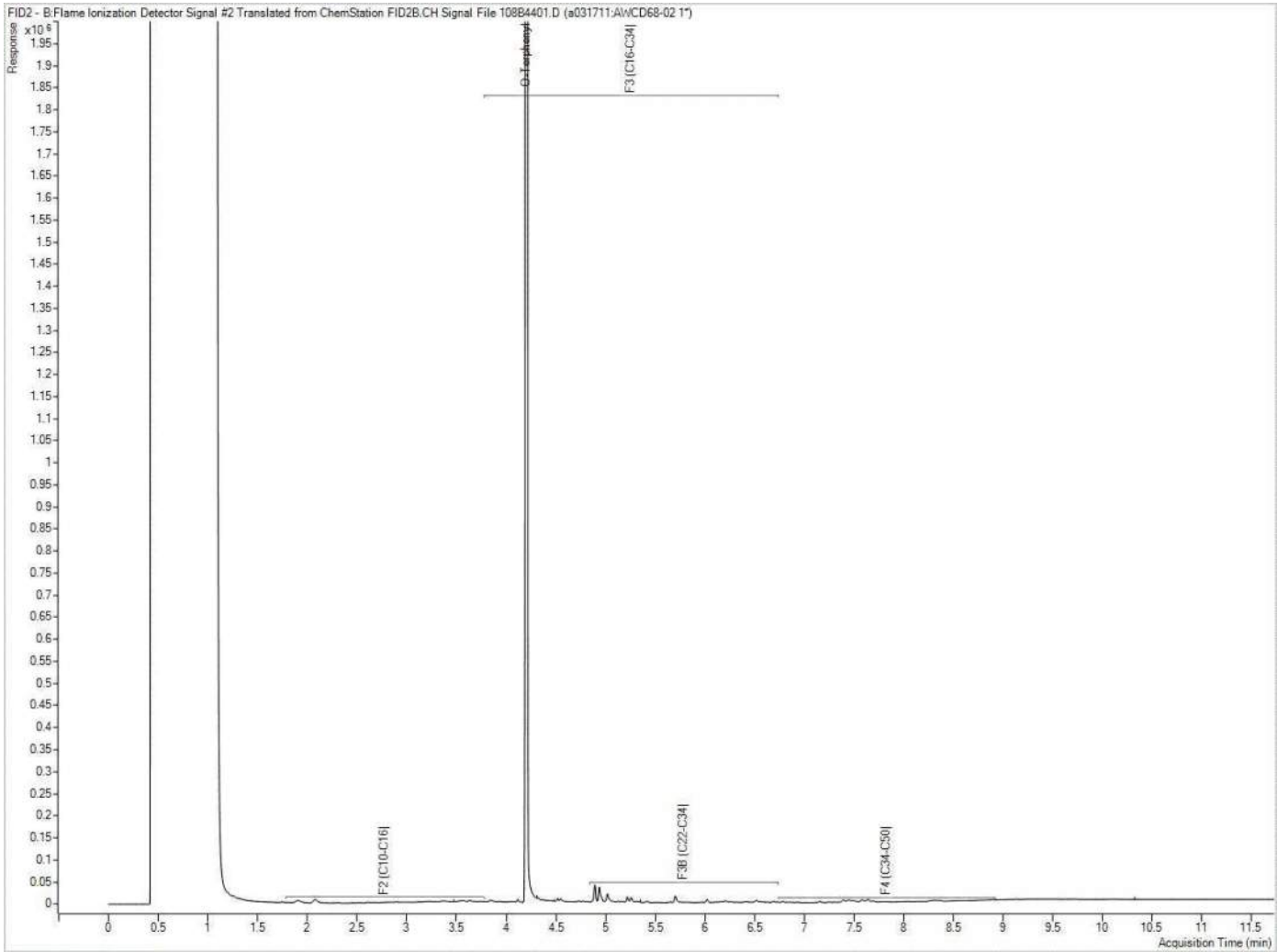
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Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



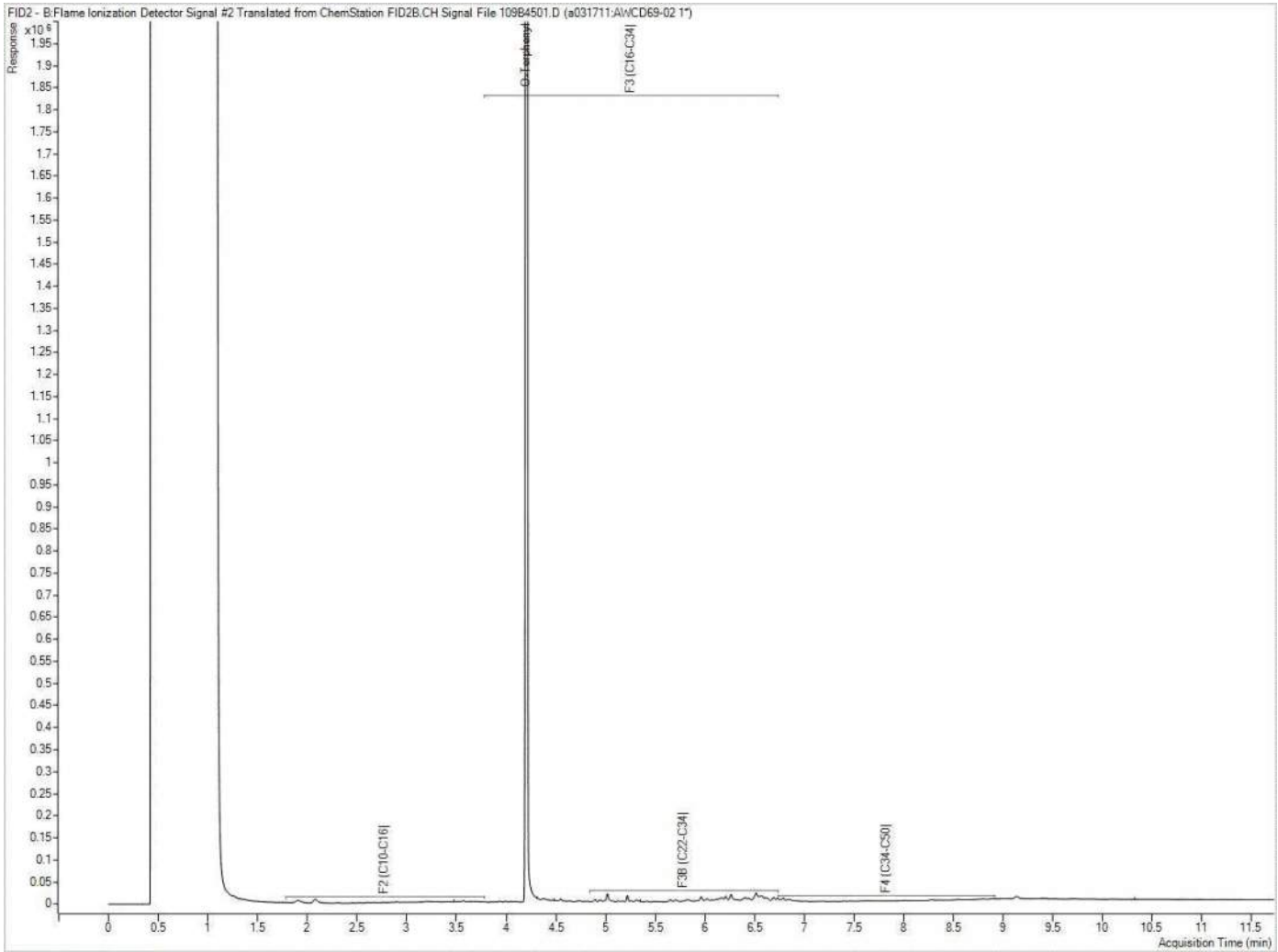
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Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



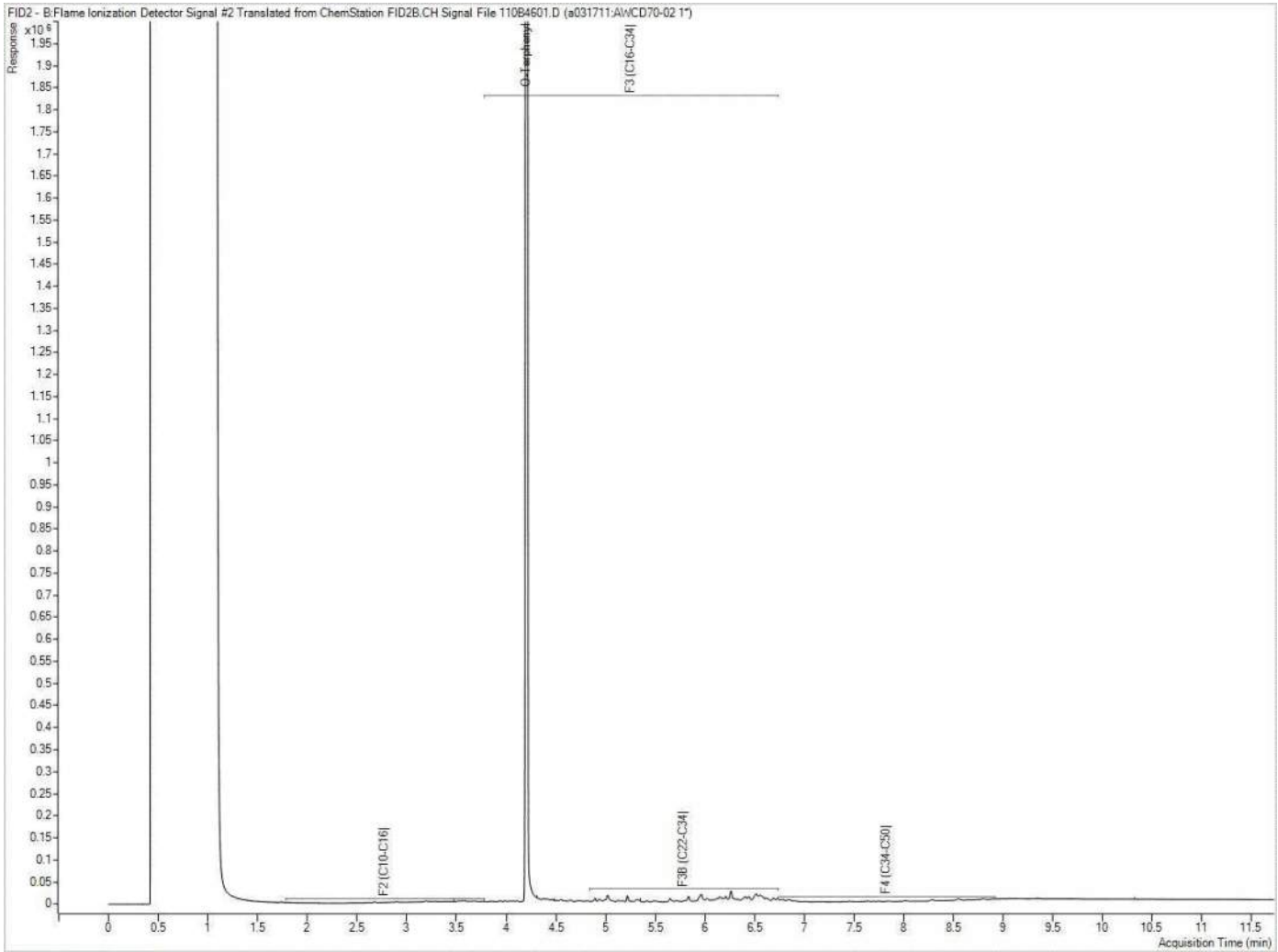
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Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



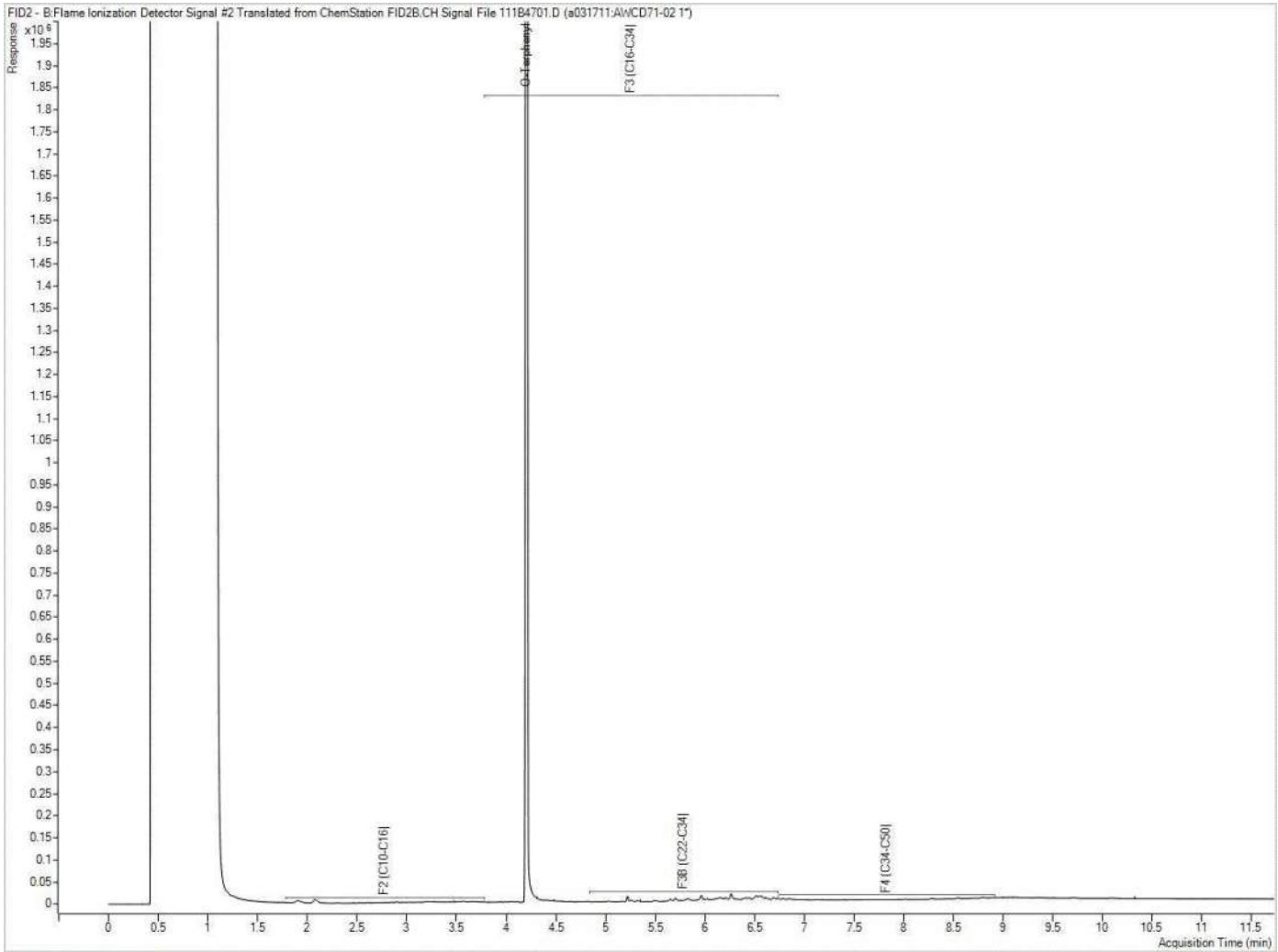
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Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



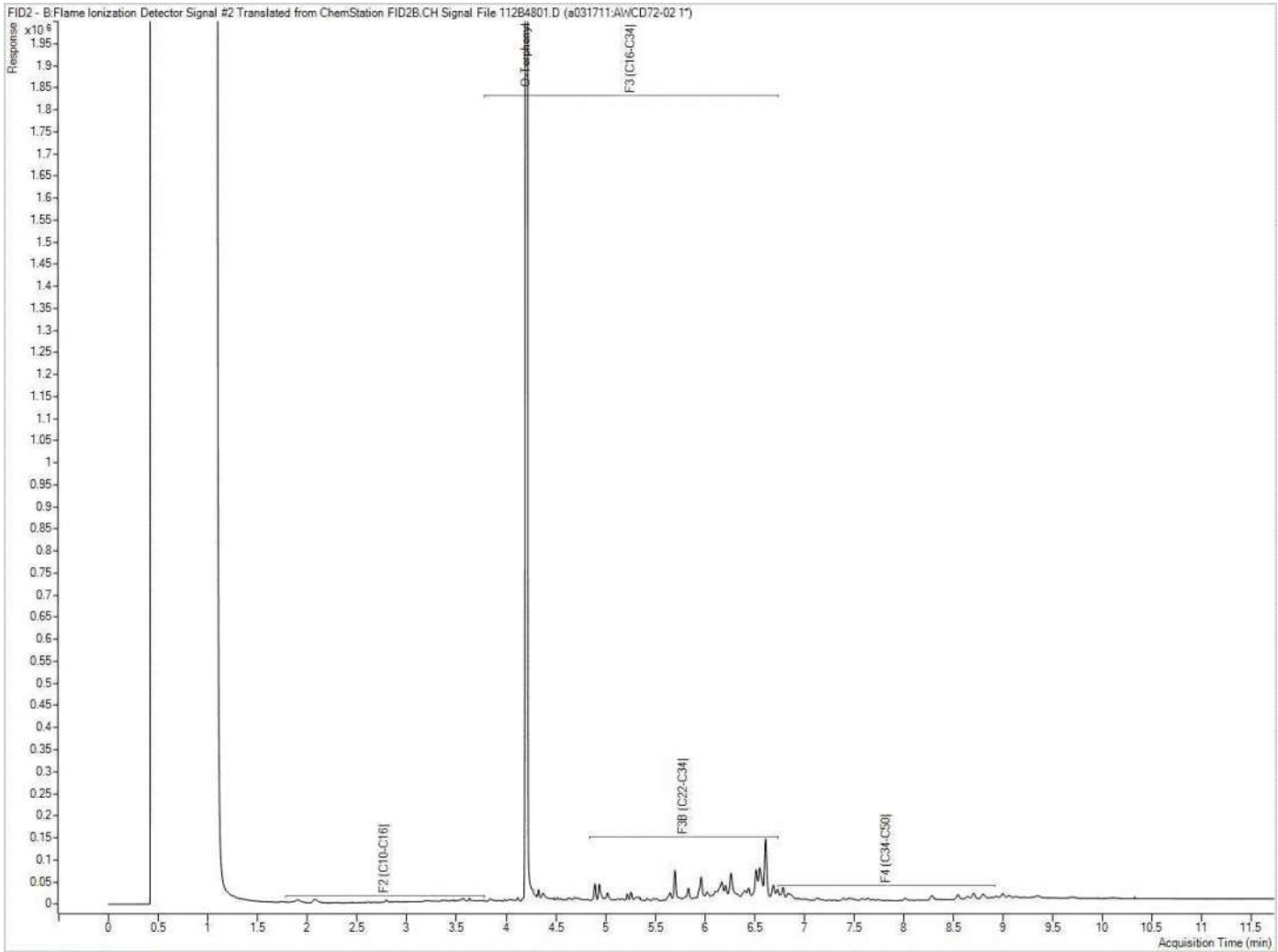
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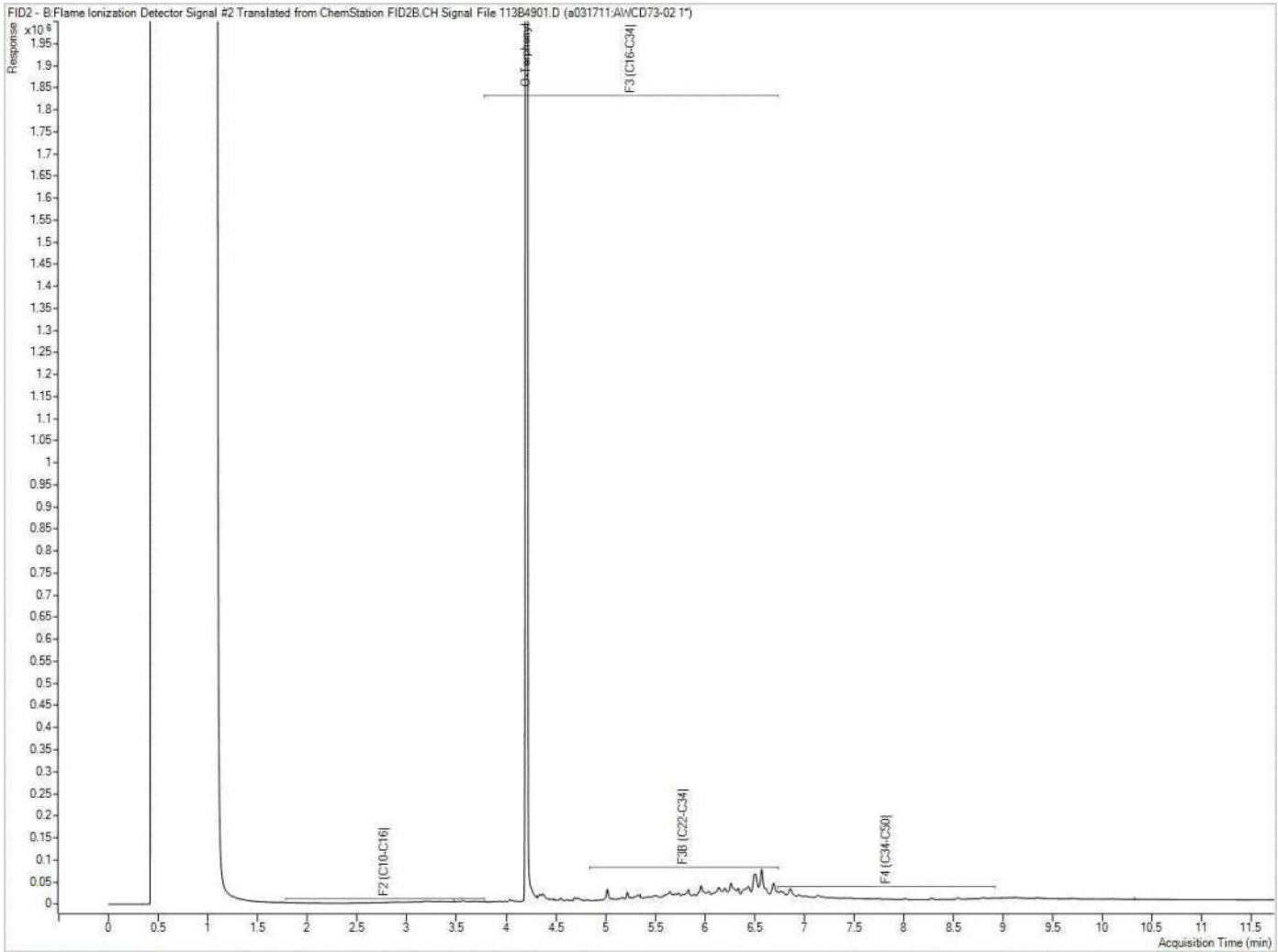
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Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



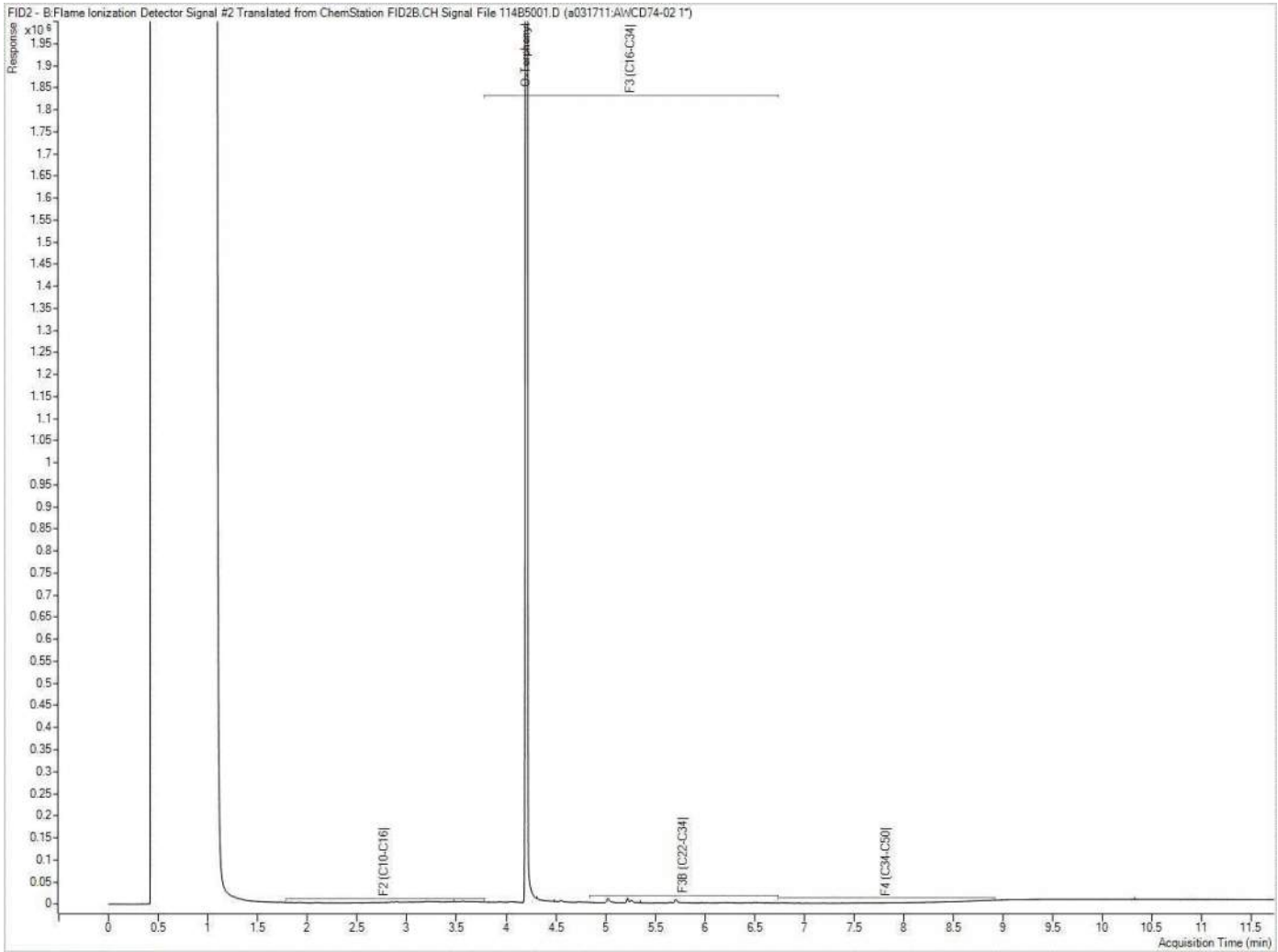
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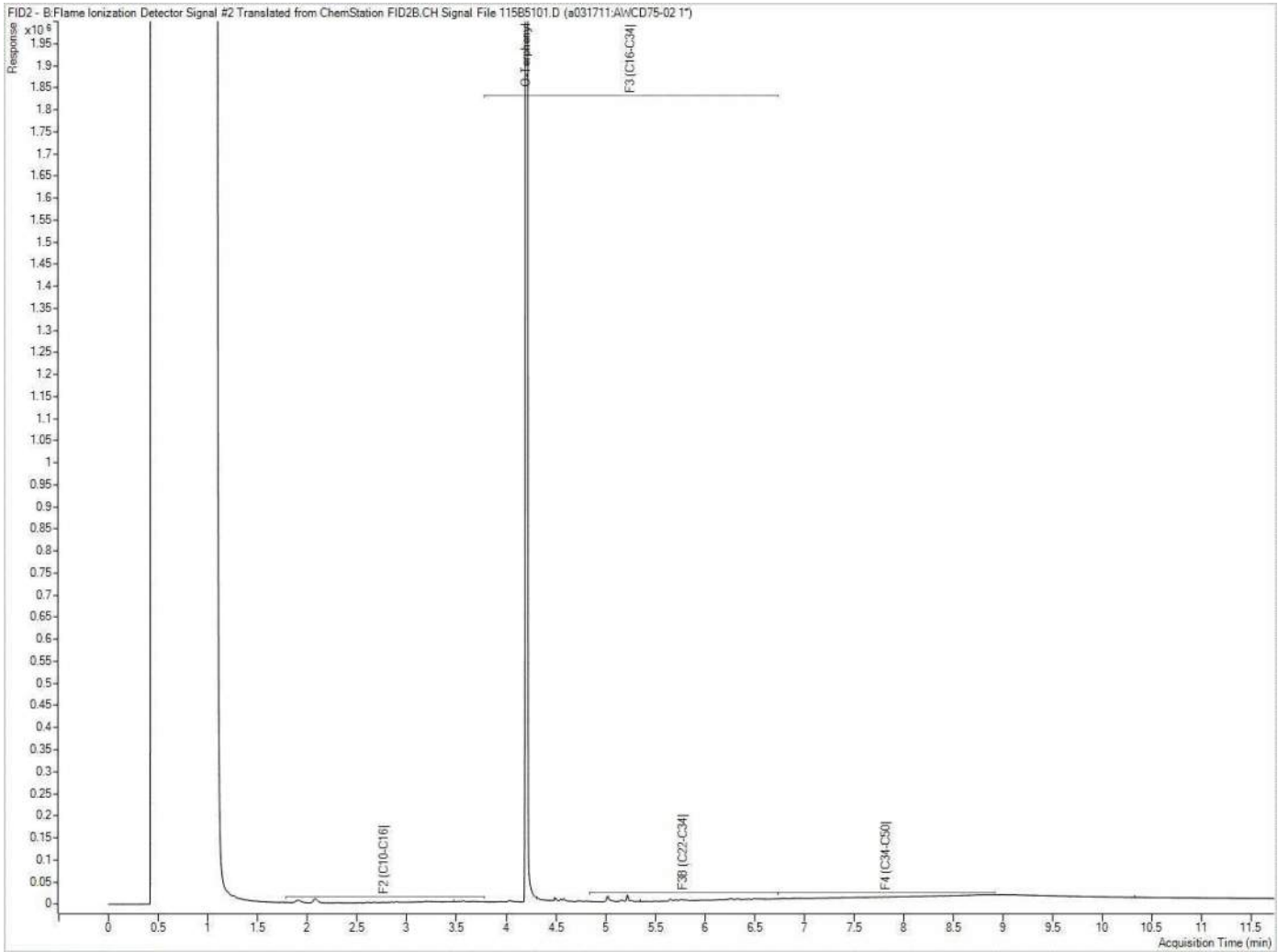
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Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



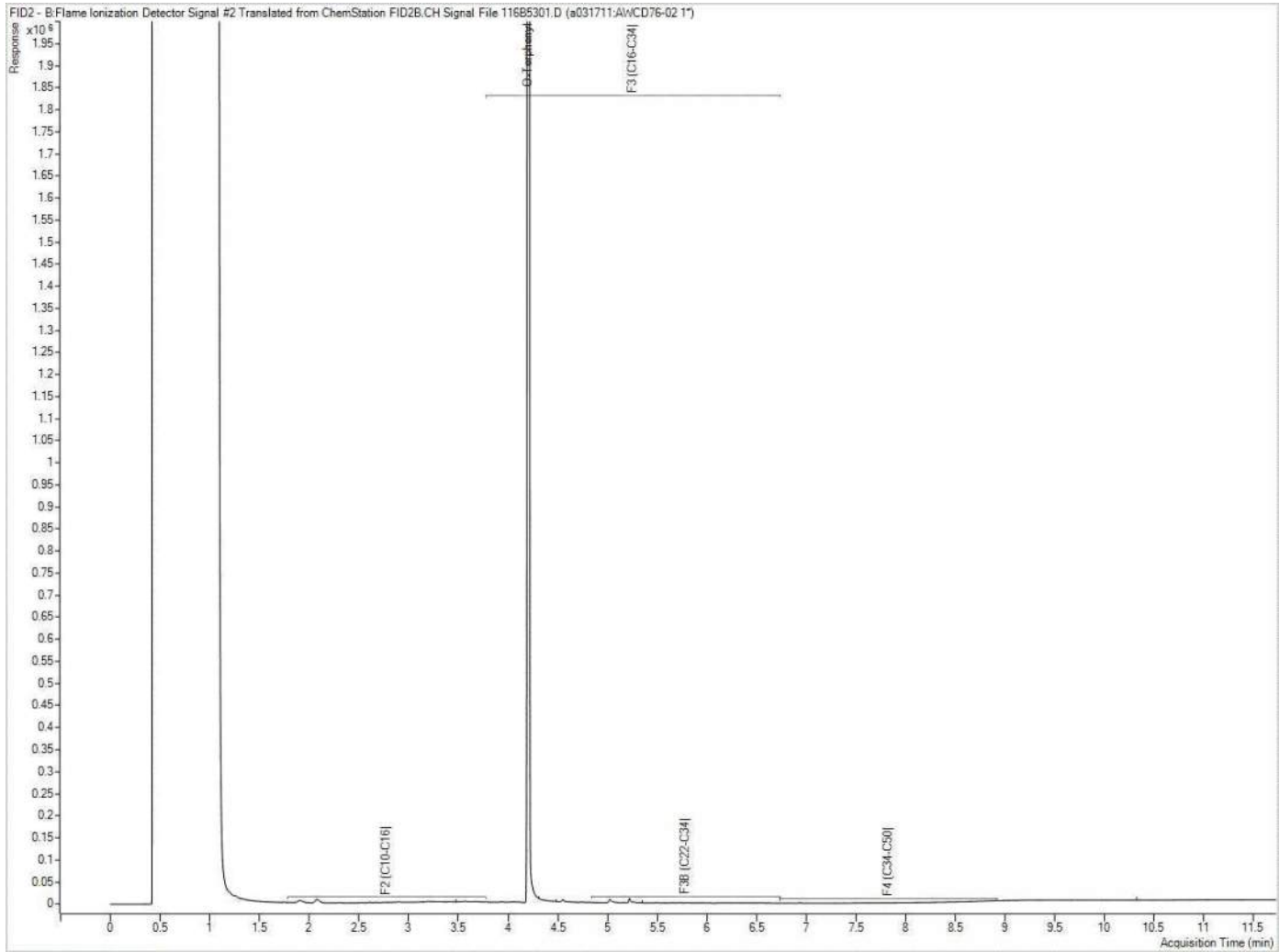
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Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



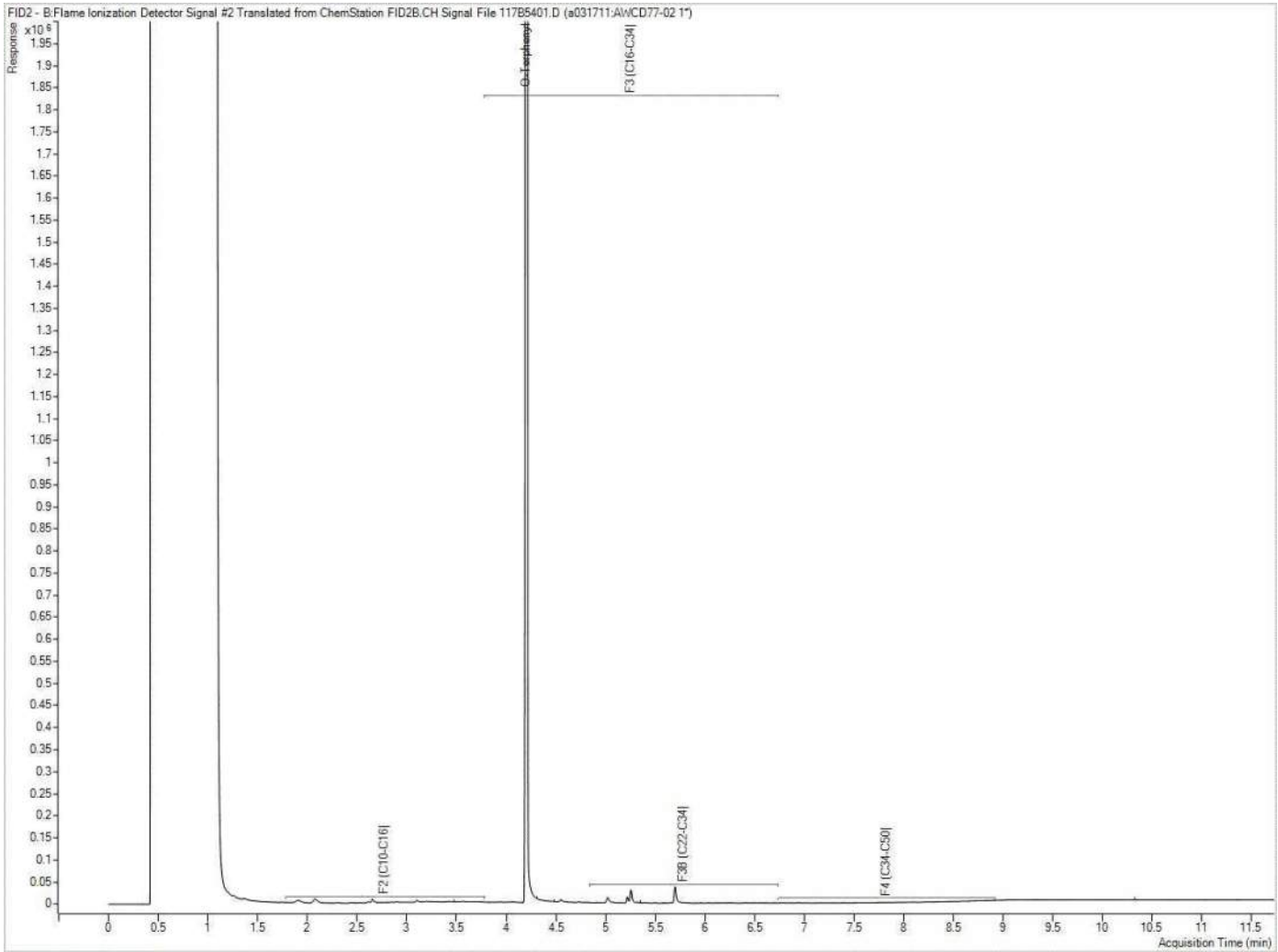
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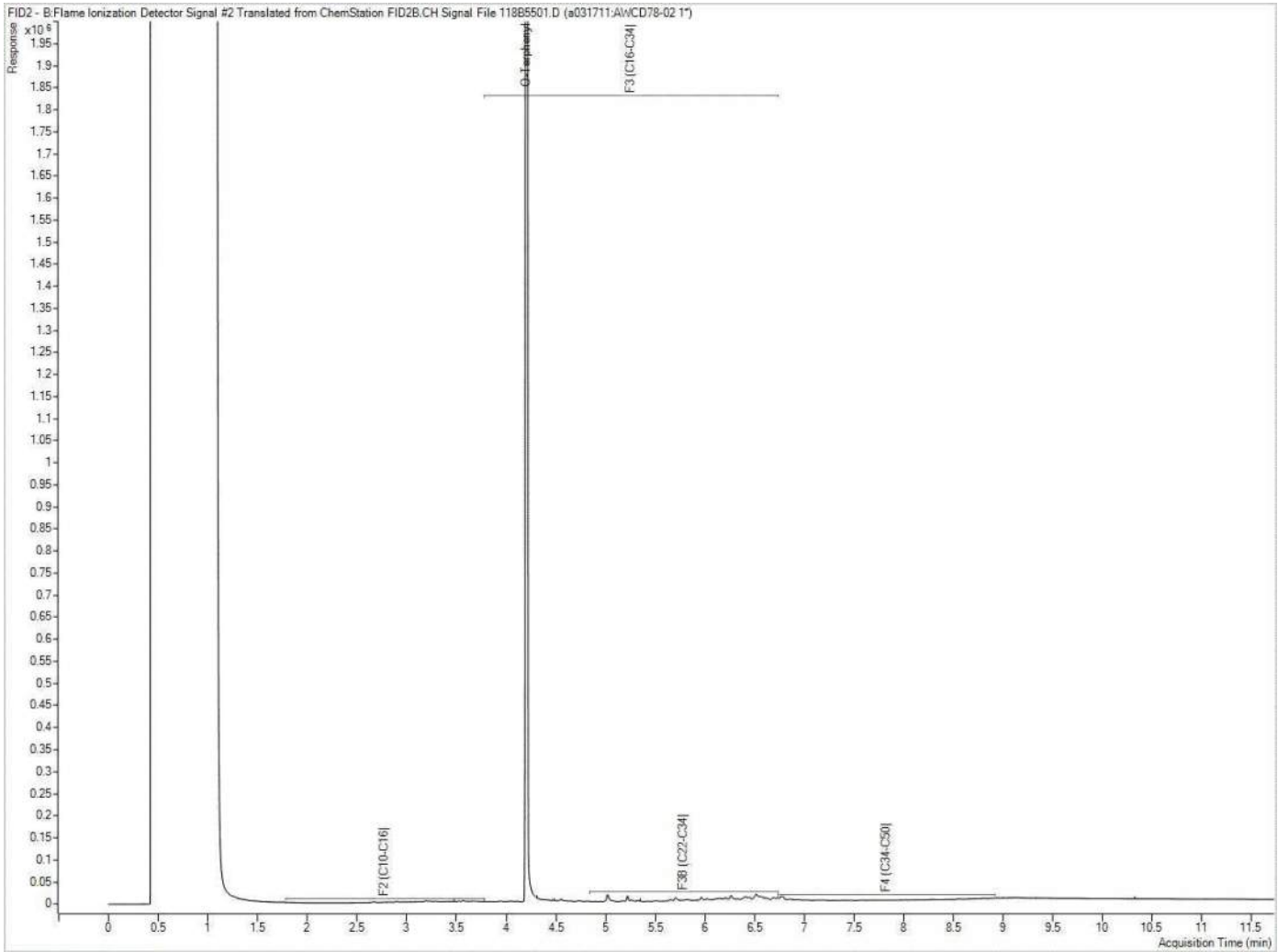
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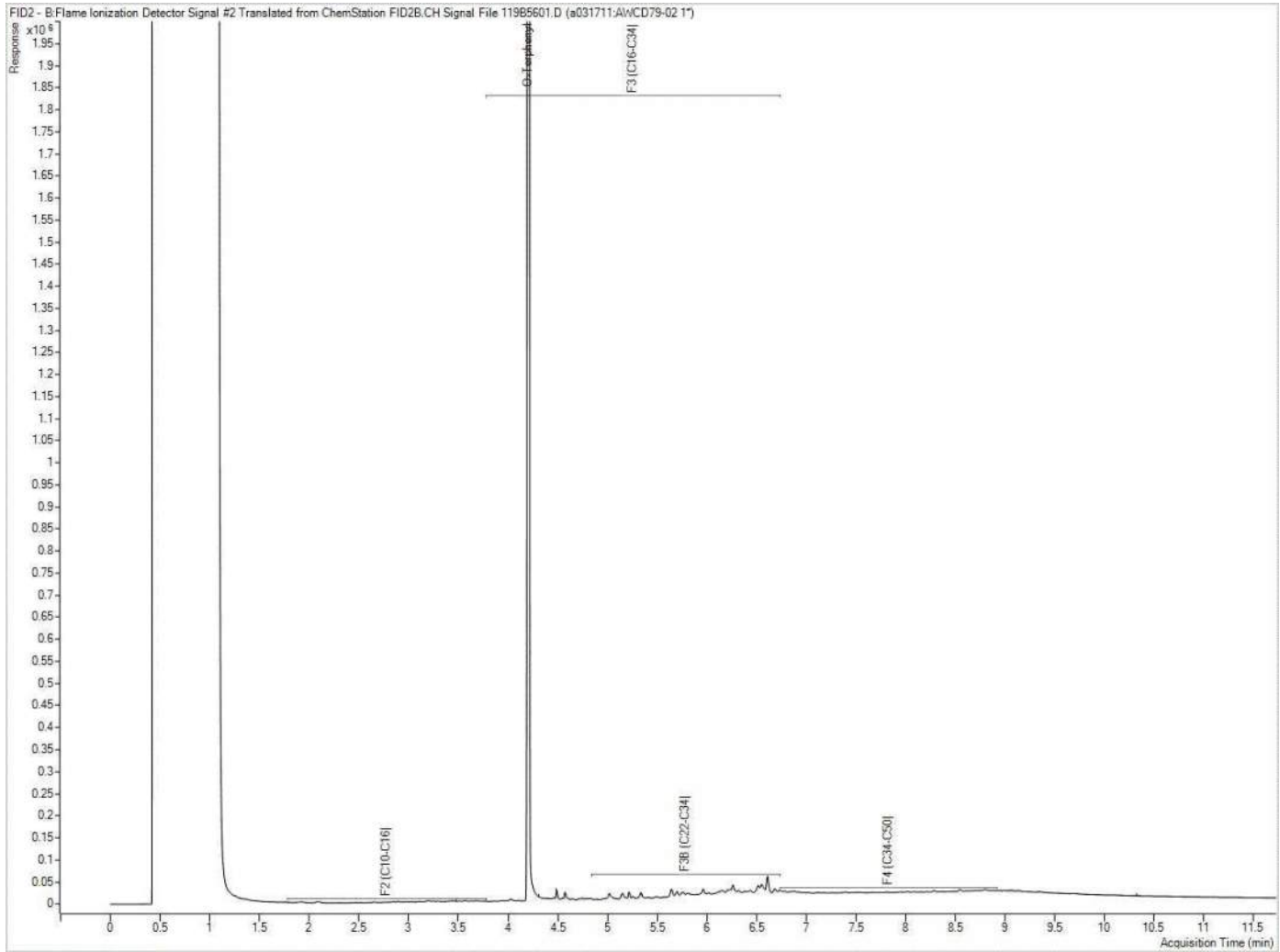
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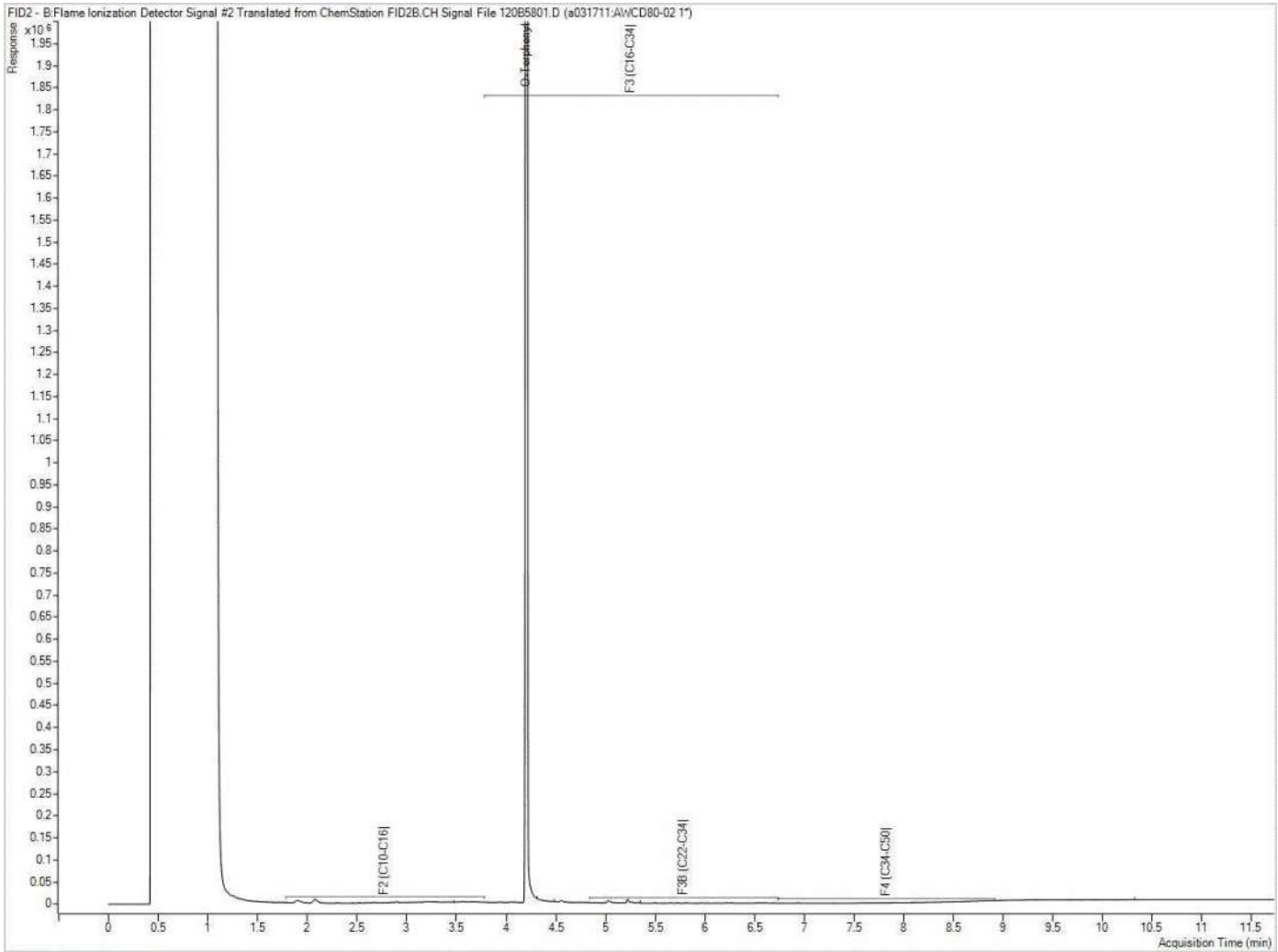
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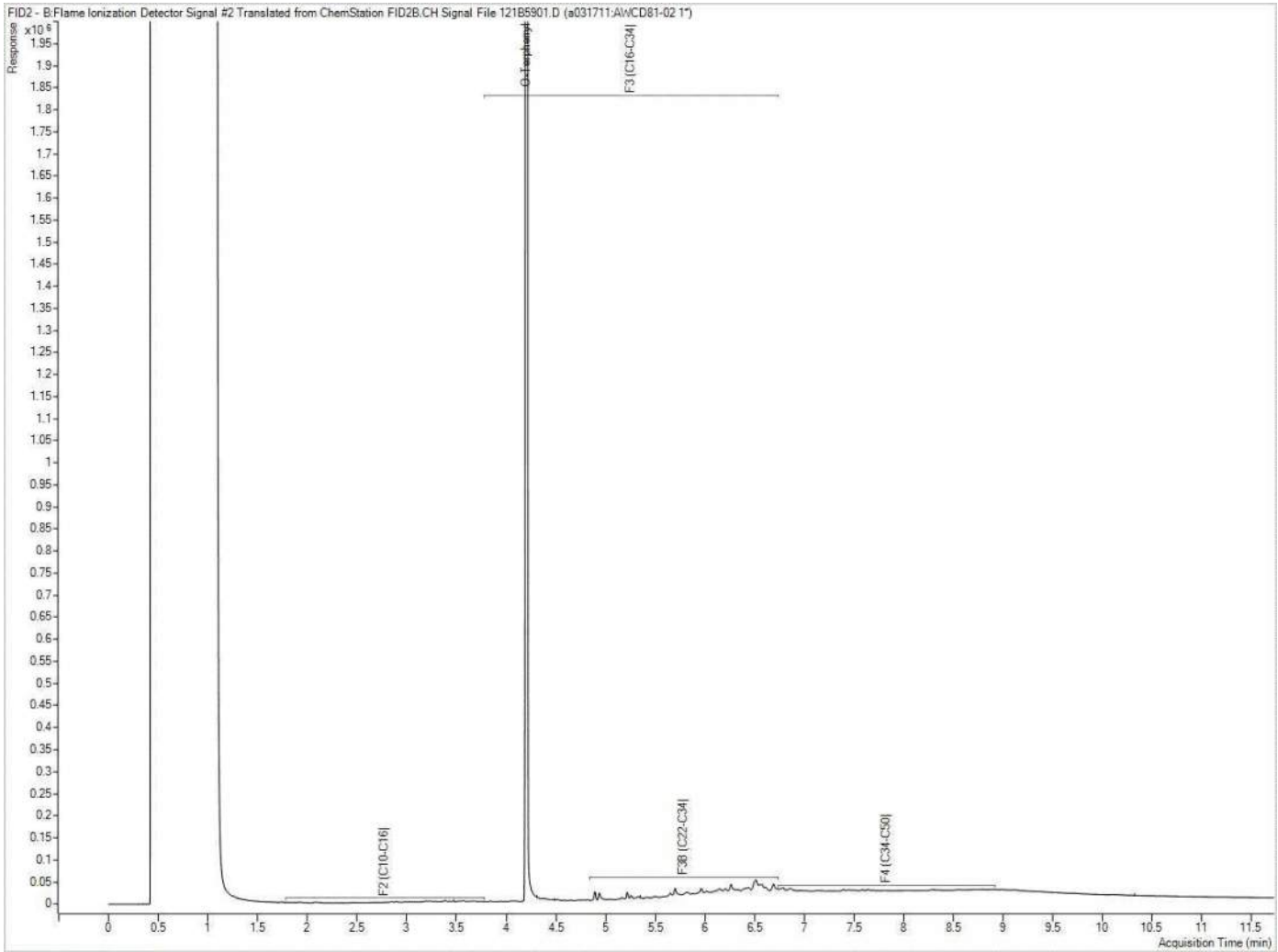
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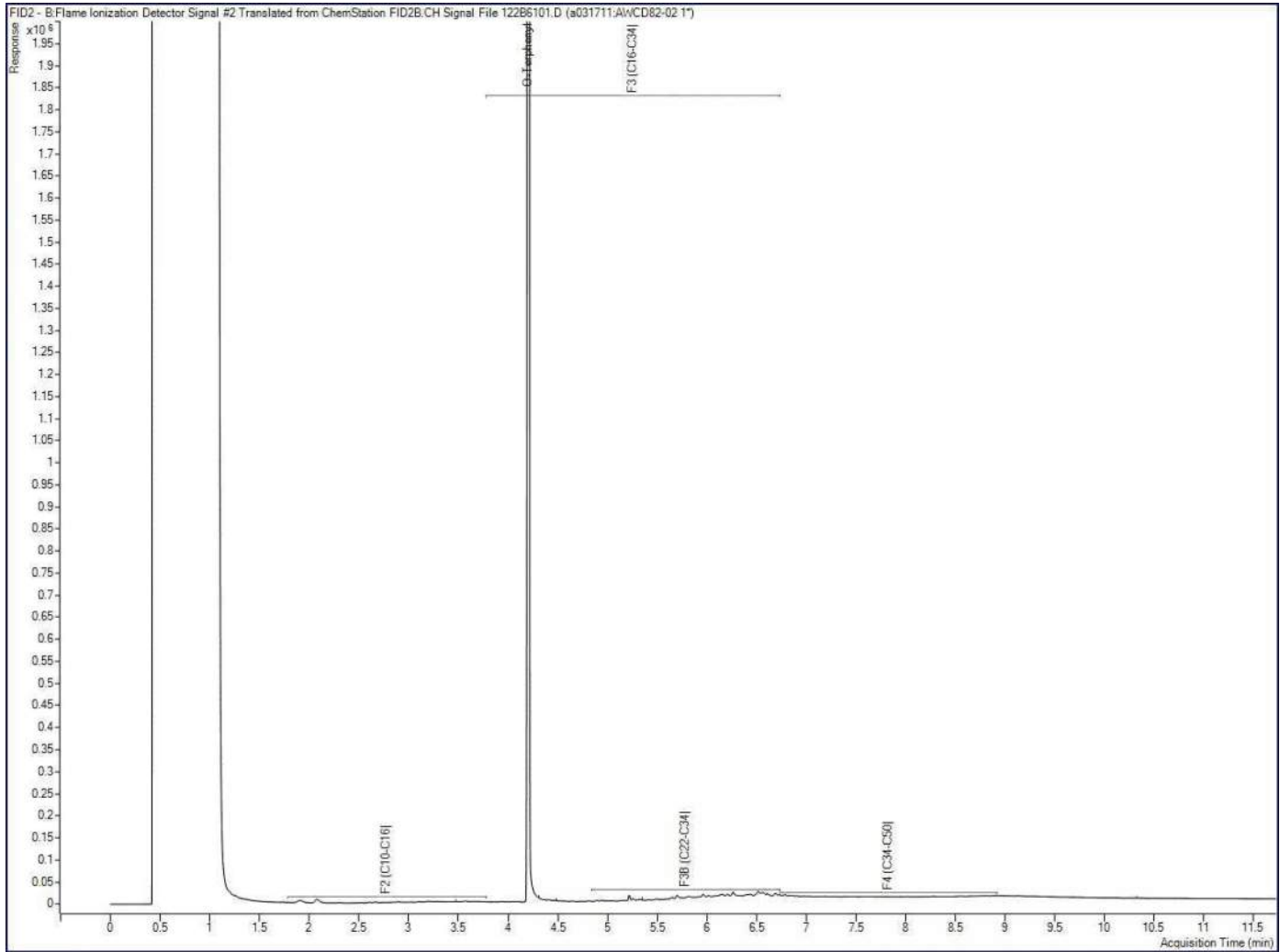
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