AllRock Consulting Ltd

Phase II Environmental Site Assessment

2500 Palladium Drive, Unit #4
Ottawa, Ontario

Prepared For:

Ken White Construction Limited
2405 March Road,
Carp, ON K0A 1L0

August 31, 2025
AllRock File: 25191

AllRock Consulting Ltd.
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Version 1.0

Phase II Environmental Site Assessment

2500 Palladium Drive, Unit #4, Ottawa, Ontario

Project No.: 25191

August 31, 2025

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QUALITY CONTROL

Version	Date	Comments
1.0	Aug 31, 2025	Original version

EXECUTIVE SUMMARY

AllRock Consulting Limited (AllRock) was retained by Ken White Construction Limited (Client) to conduct a Phase II Environmental Site Assessment (ESA) of the property located at 2500 Palladium Drive, Unit #4, Ottawa, Ontario (hereinafter referred to as the "Site"). The Site is currently vacant, with a proposed development of a commercial auto prep shop.

AllRock completed a Phase I ESA entitled "*Phase I Environmental Site Assessment, 2500 Palladium Drive, Ottawa, Ontario"* and dated August 29, 2025 (2025 AllRock Phase I ESA Report). Based on the results of the Phase I ESA, four (4) potentially contaminated activities (PCAs) were identified as having a potential to result in subsurface impacts at the Site. A summary of the identified potential subsurface impacts is provided below:

PCA No.	PCA	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
30-1	Fill material may have been used during the development of the Site	On-Site	PHCs, VOCs, PAHs, Metals and ORPs	Soil
40-1	It is inferred historical agricultural activities involved large-scale application of pesticides.	On-Site	Metals, ORP, OCs	Soil
N/S1-1	It is anticipated that seasonal de-icing salts would be used for pedestrian and/or vehicular safety along the adjacent Autopark Private Road	Adjacent north (Transgradient)	EC, SAR, Na, Cl	Soil and Groundwater
N/S1-2	It is anticipated that seasonal de-icing salts would be used for pedestrian and/or vehicular safety along the Palladium Drive	20 m southwest (Transgradient)	EC, SAR, Na, Cl	Soil and Groundwater

Legend:
PHCs – Petroleum hydrocarbons in the F1-F4 fraction range
PAHs – Polycyclic aromatic hydrocarbons
VOCs – Volatile organic compounds, including benzene, toluene, ethylbenzene, and xylenes (BTEX), bromomethane, and trihalomethanes (THMs);
Metals – O. Reg. 153/04 metals, including hydride forming metals
ORP – Other regulated parameters, including hot water-soluble boron (HWS-B), cyanide (CN-), electrical conductivity (EC), hexavalent chromium (CrVI), mercury (Hg), pH, and sodium adsorption ratio (SAR)
OCs – Organochlorine pesticides

Na –Sodium in groundwater
Cl – Chloride in groundwater
PCA 30 – Importation of Fill Material of Unknown Quality
PCA 40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
N/S1– Not Specified PCA related to Salt Application

Collectively, twenty-five (25) worst-case soil samples, selected based on visual evidence and vapour readings, were submitted for laboratory analysis for one or more of the following parameters groups samples for select laboratory analysis of PHCs, PAHs, OCs, VOCs, including BTEX and THMs, metals, including hydride-forming metals, and ORPs, including HWS-B, CN-, EC, CrVI, Hg, pH, and SAR.

Based on the work completed by AllRock, soil samples collected during the investigation met the applicable *Table 3 ICC SCS*, with the exception of TP25-03 SS2, TP25-04 SS2, TP25-05 SS2, TP25-06 SS2, TP25-08 SS2, TP25-09 SS2, HA25-05, HA25-06, and HA25-07, which exceeded the standard for vanadium. However, vanadium concentrations in these samples were below the corresponding Geo-Regional Background Value. Furthermore, there are no known anthropogenic sources of vanadium associated with current or historical Site activities. As such, these exceedances are interpreted as naturally elevated concentrations of vanadium within the native clay soils and are not considered to represent an environmental concern at this time.

Additionally, sodium adsorption ratio (SAR) was detected above the *Table 3 ICC SCS* in sample TP25-08-SS2 is considered to be related to the application of de-icing salts used for vehicle and pedestrian safety. Based on this finding, and in accordance with Section 49.1 of O. Reg. 153/04, it is the Qualified Person's opinion that the applicable site condition standard for SAR is deemed not to have been exceeded.

It is noted that an assessment of groundwater is beyond the scope of this assessment. The qualified person (QP) has determined based on the Phase I ESA that groundwater impacts are associated with PCAs N/S1-1, and N/S1-2, which are related to the application of de-icing salt for vehicle and pedestrian safety. Based on this and Section 49.1 of O. Reg. 153/04, it is the QP's opinion sodium (Na) and chloride (Cl) are deemed to not exceeded the applicable site condition standards and therefore does not require investigation at this time.

Based on the above, all samples analysed in this Phase II ESA meet the applicable *Table 3 ICC SCS* and no further investigation is warranted at this time.

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1 INTRODUCTION

AllRock Consulting Limited (AllRock) was retained by Ken White Construction Limited (Client) to conduct a Phase II Environmental Site Assessment (ESA) of the property located at 2500 Palladium Drive, Unit #4, Ottawa, Ontario (hereinafter referred to as the "Site"). The Site is currently vacant, with proposed development of a commercial auto prep shop.

1.1 Regulatory Framework

The Phase II ESA was carried out in accordance with the Canadian Standards Association (CSA) Z769-00 (R2023). This Phase II ESA report was not prepared under the guidelines of Ontario Regulation 153/04 (as amended) and therefore cannot be used for the purposes of filing a Record of Site Condition (RSC) in the Environmental Site Registry maintained by the Ontario Ministry of the Environment, Conservation and Parks (MECP).

1.2 Background Information

AllRock completed a Phase I ESA entitled "*Phase I Environmental Site Assessment, 2500 Palladium Drive, Unit #4, Ottawa, Ontario*", dated August 29, 2025 (2025 AllRock Phase I ESA Report). Based on the results of the Phase I ESA, four (4) potentially contaminated activities (PCAs) were identified as having a potential to result in subsurface impacts at the Site. A summary of the identified potential subsurface impacts is provided below:

Table 1-1: Potential Subsurface Impacts

PCA No.	PCA	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or sediment)
30-1	Fill material may have been used during the development of the Site	On-Site	PHCs, VOCs, PAHs, Metals and ORPs	Soil
40-1	It is inferred that historical agricultural activities involved large-scale application of pesticides.	On-Site	Metals, ORP, OCs	Soil
N/S1-1	It is anticipated that seasonal de-icing salts would be used for pedestrian and/or vehicular safety along the adjacent Autopark Private Road	Adjacent north (Transgradient)	EC, SAR, Na, Cl	Soil and Groundwater
N/S1-2	It is anticipated that seasonal de-icing salts would be used for pedestrian and/or vehicular safety along Palladium Drive	20 m southwest (Transgradient)	EC, SAR, Na, Cl	Soil and Groundwater

Legend:

PHCs – Petroleum Hydrocarbons in the F1-F4 fraction range
PAHs – Polycyclic Aromatic Hydrocarbons
VOCs – Volatile organic compounds, including benzene, toluene, ethylbenzene, and xylenes (BTEX), bromomethane, and trihalomethanes (THMs);
Metals – O. Reg. 153/04 metals, including hydride forming metals
ORP – Other Regulated Parameters, including hot water-soluble boron (HWS-B), cyanide (CN-), electrical conductivity (EC), hexavalent chromium (CrVI), mercury (Hg), pH, and sodium adsorption ratio (SAR)
OCs – Organochlorine Pesticides
Na –Sodium in groundwater
Cl – Chloride in groundwater
PCA 30 – Importation of Fill Material of Unknown Quality
PCA 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
N/S1– Not Specified PCA related to Salt Application

1.3 Applicable Site Condition Standards

For the purpose of determining the Site Condition Standards, the O. Reg. 153/04 Site Condition Standards (SCS) are described below as derived from the "*Soil, Ground Water and Sediment Standards for Use under Part XV.1 of the Environmental Protection Act"* dated April 15, 2011.

The following site-specific information was utilized to determine the applicable SCS:

Table 1-2: Review of Site-Specific Criteria for the SCS

Criteria	Details
Site Sensitivity	The Site is not considered to be an environmentally sensitive area, as it is neither located at nor within 30 m of an area of natural significance, as defined in Section 1 of O. Reg. 153/04 (as amended).
Groundwater Condition	The Site and surrounding area are supplied with non-potable water served by the City of Ottawa.
pH	Surface and Subsurface soil samples submitted for laboratory analysis of pH were within the expected surface (5 to 9) and subsurface (5 to 11) ranges.
Full Depth or Stratified Condition	Full Depth approach was selected for this soil investigation.
Shallow Soil	According to the 2025 AllRock Geotechnical Report (as further discussed in section 1.4), boreholes were advanced to a maximum depth of approximately 7 mbgs (meters below ground surface), and bedrock was not encountered. As such the Site is not considered a shallow soil property since more than two-thirds of the Site has over 2 m of overburden.
Distance to Waterbody	The Site is located more than 30 metres (m) from a waterbody.
Land Use	It is AllRock's understanding that the Site is currently zoned as a commercial land use.
Soil Texture	Soil texture on Site was identified as fine textured based on the 2025 Geotechnical Report.

Based on the above, the applicable Site Condition Standards for Site would be the following:

- Table 3: Full Depth Generic Site Condition Standards for Soil in a Non-Potable Groundwater Condition for Industrial/Commercial/Community (ICC) Property Use of Fine Textured soils (*Table 3 ICC SCS*); and
- Table 3: Full Depth Generic Site Condition Standards for Groundwater in a Non-Potable Groundwater Condition for All Types of Property Use (*Table 3 SCS*).

1.4 Previous Environmental Reports

AllRock completed a geotechnical report entitled *"Geotechnical Investigation Report, 2500 Palladium Drive, Ontario"* for PRITEC Management, and dated April 17, 2025 (2025 AllRock Geotech Report). In addition, AllRock is in the process of preparing the excess soil documentation in respect of O. Reg. 406/19. The associated field work was completed in conjunction with the Phase II ESA investigation and reports are to be finalized at a later date.

2025 AllRock Geotech Report

On February 27, 2025, three (3) boreholes, numbered BH1-25 to BH3-25, were advanced to a depth of 7 mbgs, one (1) of which, was installed with a monitoring well. The subsurface conditions generally consisted of a layer of granular fill with a thickness of approximately 0.75 meters. Below the granular fill, a silty clay layer was encountered at all borehole locations and extended to the termination depth of the borehole at 7 mbgs.

A monitoring well was installed as part of this investigation; however, surface water infiltration initially flooded the well, preventing accurate water level measurement. During drilling, soil saturation was observed at approximately 4 mbgs. Upon a subsequent site visit, AllRock recorded a water level of 1.9 mbgs.

1.5 Scope of Work

The purpose of this Phase II ESA was to investigate soil and groundwater quality at the Site in relation to the 2025 AllRock Phase I ESA Report. It is AllRock's understanding that the Phase II ESA is required for due diligence purposes. The scope of work for this Phase II ESA consisted of the following:

- Develop a Site-specific Health and Safety Plan;
- Advanced eleven (11) test pits and seven (7) test holes, to a depth of approximately 1.3 meters below ground surface (mbgs), following the clearance of underground services;
- Field-screened soil samples for visual and olfactory evidence of impacts, and for the presence of petroleum and volatile organic compound (VOC)-derived vapours, using a combustible gas indicator (CGI) calibrated to hexane and a photo-ionization detector (PID) calibrated to isobutylene or equivalent;

- Prepare and submit twenty-five (25) “worst-case” soil samples and three (3) duplicate soil samples for select laboratory analysis of the following parameter groups:
  - petroleum hydrocarbons (PHCs);
  - polycyclic aromatic hydrocarbons (PAHs);
  - Organochlorine Pesticides (OCs)
  - VOCs, including benzene, toluene, ethylbenzene and xylenes (BTEX) and trihalomethanes (THMs);
  - metals, including hydride-forming metals; and
  - other regulated parameters (ORP), including hot water-soluble boron (HWS-B), cyanide (CN-), electrical conductivity (EC), hexavalent chromium (CrVI), mercury (Hg), pH, and sodium adsorption ratio (SAR);
- Compared the soil and analytical results to the applicable regulatory criteria; and
- Prepare a factual report outlining the findings and recommendations of the Phase II ESA.

It is noted that an assessment of groundwater is beyond the scope of this assessment. The qualified person (QP) has determined based on the Phase I ESA that groundwater impacts are associated with PCAs N/S1-1, and N/S1-2, which are related to the application of de-icing salt for vehicle and pedestrian safety. Based on this and Section 49.1 of O. Reg. 153/04, it is the QP’s opinion sodium (Na) and chloride (Cl) are deemed to not exceeded the applicable site condition standards and therefore does not require investigation at this time.

2 INVESTIGATION METHODOLOGY

2.1 Soil: Test Pit Investigation

2.1.1 Event 1

The Client provided a backhoe for the advancement of eleven (11) test pits within the Site, following the clearance of underground utilities under AllRock supervision on July 11, 2025. The test pits were excavated to a maximum depth of approximately 1.3 metres below ground surface (mbgs), with soil samples collected at approximate intervals of 0.43 to 0.65 metres.

2.1.2 Event 2

An AllRock technician visited the Site on August 14, 2025, for the advancement of seven (7) test holes within the Site. Soil samples were collected using a hand shovel to a depth of approximately 0.35 mbgs in the overburden.

Soil stratigraphy was observed and documented on-Site by AllRock at the time of soil investigation. Soil samples were examined in the field for visual and olfactory evidence of impacts. A portion of each sample was separated and analyzed for petroleum and VOC derived vapour

concentrations using a combustible CGI calibrated to hexane and a PID calibrated to isobutylene or equivalent.

The locations of the test pits and test holes are presented in Figure 3, located in ***Appendix A***.

2.2 Soil: Sampling

Collectively, twenty-five (25) "worst-case" soil samples, based on visual, olfactory conditions, and vapour headspace concentrations, recovered from the boreholes were submitted for one or more of the following parameters: PHCs, PAHs, VOCs, OCs, metals, and ORPs.

A summary of the soil samples submitted for laboratory analysis is provided in the table below:

Table 2-1: Summary of Soil Samples Submitted for Laboratory Analysis

Sample ID	Sample Depth (mbgs)	Laboratory Analysis
TP25-01 SS1	0.00 – 0.65	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-02 SS1	0.00 – 0.65	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-03 SS2	0.65 – 1.30	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-03 SS3	0.65 – 1.30	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-04 SS1	0.00 – 0.45	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-04 SS2	0.45 – 0.90	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-04 SS3	0.90 – 1.30	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-05 SS1	0.00 – 0.45	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-05 SS2	0.45 – 0.90	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-05 SS3	0.90 – 1.30	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-06 SS2	0.65 – 1.30	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-07 SS2	0.65 – 1.30	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-08 SS1	0.00 – 0.65	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-08 SS2	0.65 – 1.30	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-09 SS1	0.00 – 0.65	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-09 SS2	0.65 – 1.30	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-10 SS1	0.00 – 0.65	PHCs, PAHs, VOCs, metals, and ORPs.
TP25-11 SS1	0.00 – 0.65	PHCs, PAHs, VOCs, metals, and ORPs.
DUP-01 (TP25-04 SS1)	0.00 – 0.65	PHCs, PAHs, VOCs, metals, and ORPs.
DUP-02 (TP25-06 SS2)	0.65 – 1.30	PHCs, PAHs, VOCs, metals, and ORPs.

Sample ID	Sample Depth (mbgs)	Laboratory Analysis
HA25-01	0.00 – 0.35	PHCs, OCs, metals, and ORPs.
HA25-02	0.00 – 0.35	PHCs, OCs, metals, and ORPs.
HA25-03	0.00 – 0.35	PHCs, OCs, metals, and ORPs.
HA25-04	0.00 – 0.35	PHCs, OCs, metals, and ORPs.
HA25-05	0.00 – 0.35	PHCs, OCs, metals, and ORPs.
HA25-06	0.00 – 0.35	PHCs, OCs, metals, and ORPs.
HA25-07	0.00 – 0.35	PHCs, OCs, metals, and ORPs.
DUP (HA25-04)	0.00 – 0.35	PHCs, OCs, metals, and ORPs.

2.3 Analytical Laboratory

Soil samples collected were delivered to Eurofins Labs (Eurofins) in Ottawa for analysis. Eurofins is an independent laboratory accredited by the Standards Council of Canada and the Canadian Association for Laboratory Accreditation. A chain of custody records of the sample submissions was maintained between AllRock and the staff at Eurofins.

3 QA/QC PROTOCOLS

Various quality assurance/quality control (QA/QC) protocols were followed while conducting this Phase II ESA to ensure that representative soil samples were obtained. The following field QA/QC protocols completed by AllRock included the following:

- Care was taken to avoid obtaining samples in direct contact with the test pitting equipment.
- Soil samples were placed in laboratory-supplied glass jars;
- Soil samples were placed in coolers on ice immediately upon sample collection. Appropriate sample temperatures were maintained during sampling, transportation and submission to the laboratory;
- Dedicated and disposable nitrile gloves were used for sample handling; and
- Non-dedicated equipment used in sampling and monitoring (e.g., shovel) was cleaned with Alconox and a deionized rinse prior to initial use and between uses to minimize the potential for cross contamination.

4 SUBSURFACE FINDINGS

4.1 Soil Stratigraphy

Based on observations made during the test pit investigation program, the subsurface conditions generally consisted of granular fill overlying native brown silty clay. Granular fill was typically encountered from ground surface to depths ranging from approximately 0.43 to 0.65 mbgs. In

several test pits (TP25-04 and TP25-05), a thin layer of topsoil (approximately 0 to 0.15 mbgs) was present above the native soils. Beneath the fill or topsoil, native brown silty clay was observed to depths of up to 1.30 mbgs. Test holes (HA25-01 to HA25-07) encountered a surficial layer of topsoil to a depth of 0.35 mbgs. The topsoil layer was comprised of dark brown silty sand with trace gravel, some organic material and debris (rootlets).

4.2 Soil Vapour Concentrations

A portion of each sample was assessed in the field for combustible or organic vapour concentrations in soil headspace using a PID and CGI operated in methane elimination mode. Vapour concentrations measured in the headspace of soil samples were collected during the sampling event. Soil vapour concentrations measured with the CGI and PID were below the reportable detection limit (i.e., less than 1.0 parts per million by volume (ppmv)).

4.3 Field Observations

No odours or staining were observed in the soil samples collected during the filed investigation and no odours or sheens were observed during the groundwater development and sampling activities.

5 CHEMICAL ANALYSIS

5.1 Soil

All soil samples submitted for laboratory analysis met the applicable *Table 3 ICC SCS* with the exception of the following:

Table 5-1: Exceedances of MECP Site Condition Standard

Sample ID	*Table 3 ICC SCS*
TP25-03 SS2	*Vanadium*
TP25-04 SS2	*Vanadium*
TP25-05 SS2	*Vanadium*
TP25-06 SS2	*Vanadium*
TP25-08 SS2	*Vanadium*
	SAR
TP25-09 SS2	*Vanadium*
HA25-05	*Vanadium*
HA25-06	*Vanadium*
HA25-07	*Vanadium*
DUP (HA25-04)	*Vanadium*
DUP-02 (TP25-06 SS2)	*Vanadium*

SAR detected above *Table 3 ICC SCS* in TP25-08-SS2 is considered to be related to the application of de-icing salt for vehicle and pedestrian safety. Based on this and Section 49.1 of O. Reg. 153/04, it is the Qualified Person's opinion that the applicable site condition standard for SAR is deemed to not have been exceeded.

In addition, various samples exceeded the *Table 3 ICC SCS* for Vanadium with measured concentrations ranging from 87 µg/g to 100 µg/g, compared to the standard of 86 µg/g.

As such, analytical results for clay samples were compared to Geo-Regional Background Values (Elevated Background Metals Concentrations in Fine-Grained Champlain Sea Deposits, Eastern Ontario – Ottawa Region, Geofirma Engineering Ltd., 2018). This comparison was conducted to assess metal concentrations relative to naturally occurring levels in post-glacial Champlain Sea marine deposits, which are representative of native clays within the Study Area.

The review confirmed that vanadium concentrations in the native clay samples were below the corresponding Geo-Regional Background Value of 123 µg/g. Based on this and Section 49.1 of O. Reg. 153/04, it is the Qualified Person's opinion that the applicable site condition standard for Vanadium is deemed to not have been exceeded.

AllRock also notes that although groundwater was not assessed as part of this Phase II ESA, the 2025 AllRock Geotechnical report measured a water level of 0.0 and 1.9 m bgs, with the potential for surface water infiltration into the well. Based on this, the Site may be considered a shallow groundwater condition site and Table 7: Generic Site Condition Standards for Shallow Soils in a Non-Potable Ground Water Condition, for Industrial, Commercial, and Community Property Use for fine textured soils (Table 7 ICC SCS) may be applicable. Based on a comparison with Table 7 ICC SCS, no additional exceedances were identified and the potential for a shallow groundwater condition is not considered to be a concern.

A summary table is included in ***Appendix B***, and the laboratory Certificates of Analysis are provided in ***Appendix C.***

6 CONCLUSION

Based on the work completed by AllRock, soil samples collected during the investigation met the applicable *Table 3 ICC SCS*, with the exception of soil samples TP25-03 SS2, TP25-04 SS2, TP25-05 SS2, TP25-06 SS2, TP25-08 SS2, TP25-09 SS2, HA25-05, HA25-06, and HA25-07, which exceeded the standard for vanadium. However, vanadium concentrations in these samples were below the corresponding Geo-Regional Background Value. Furthermore, there are no known anthropogenic sources of vanadium associated with current or historical Site activities. As such, these exceedances are interpreted as naturally elevated concentrations of vanadium within the native clay soils and are not considered to represent an environmental concern at this time.

Additionally, sodium adsorption ratio was (SAR) detected above the *Table 3 ICC SCS* in sample TP25-08 SS2 is considered to be related to the application of de-icing salts used for vehicle and

pedestrian safety. Based on this finding, and in accordance with Section 49.1 of O. Reg. 153/04, it is the Qualified Person's opinion that the applicable site condition standard for SAR is deemed not to have been exceeded.

It is noted that an assessment of groundwater is beyond the scope of this assessment. The qualified person (QP) has determined based on the Phase I ESA that groundwater impacts are associated with PCAs N/S1-1, and N/S1-2, which are related to the application of de-icing salt for vehicle and pedestrian safety. Based on this and Section 49.1 of O. Reg. 153/04, it is the QP's opinion sodium (Na) and chloride (Cl) are deemed to not exceeded the applicable site condition standards and therefore does not require investigation at this time.

Based on the above, all samples analysed in this Phase II ESA meet the applicable *Table 3 ICC SCS* and no further investigation is warranted at this time.

7 TERMS AND LIMITATIONS

This report has been prepared for the exclusive use of Ken White Construction Limited for specific application to the Site. This Phase II ESA was conducted in general compliance with currently acceptable practices for environmental site investigations, and specific Client requests, as applicable to this Site. No other warranty, expressed or implied, is made. The scope of work completed by AllRock as part of this investigation, is not sufficient (in and of itself) to meet the requirements for the submission of a Record of Site Condition (RSC) in accordance with Ontario Regulation 153/04 (as amended).

It is noted that this analysis was focused on identifying the presence and levels of contaminants within the materials analysed. The conclusions and recommendations in this report are based on information determined through analysis of four individual samples. Contamination levels may differ from those reported and conditions may become apparent during excavation, construction, or re-development, which would not be detected or anticipated at the time of the assessment.

The conclusions presented in this report are professional opinions based upon chemical analysis and limited information provided by persons knowledgeable about past and current activities on this property. As such, AllRock Consulting Limited cannot be held responsible for environmental conditions at the Site that were not apparent from the available information.

AllRock Consulting Limited prepared this report for the Client. The material in it reflects AllRock Consulting Limited judgement in light of the information available to it at the time of preparation. Any use which a Party other than those listed above, makes of this report, or any reliance or decisions to be made based on it are the responsibilities for such Parties. AllRock Consulting Limited accepts no responsibility for damages, if any, suffered by any Party as a result of decisions made or actions based on this report.

AllRock will not be held responsible for the use of this report by any third party, or reliance on or any decision to be made based on it without the prior written consent of AllRock. Any use a third party makes of this report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third parties. AllRock accepts no liability or responsibility of loss, injury, claim or damages suffered by any third party as a result of decisions made or actions conducted.

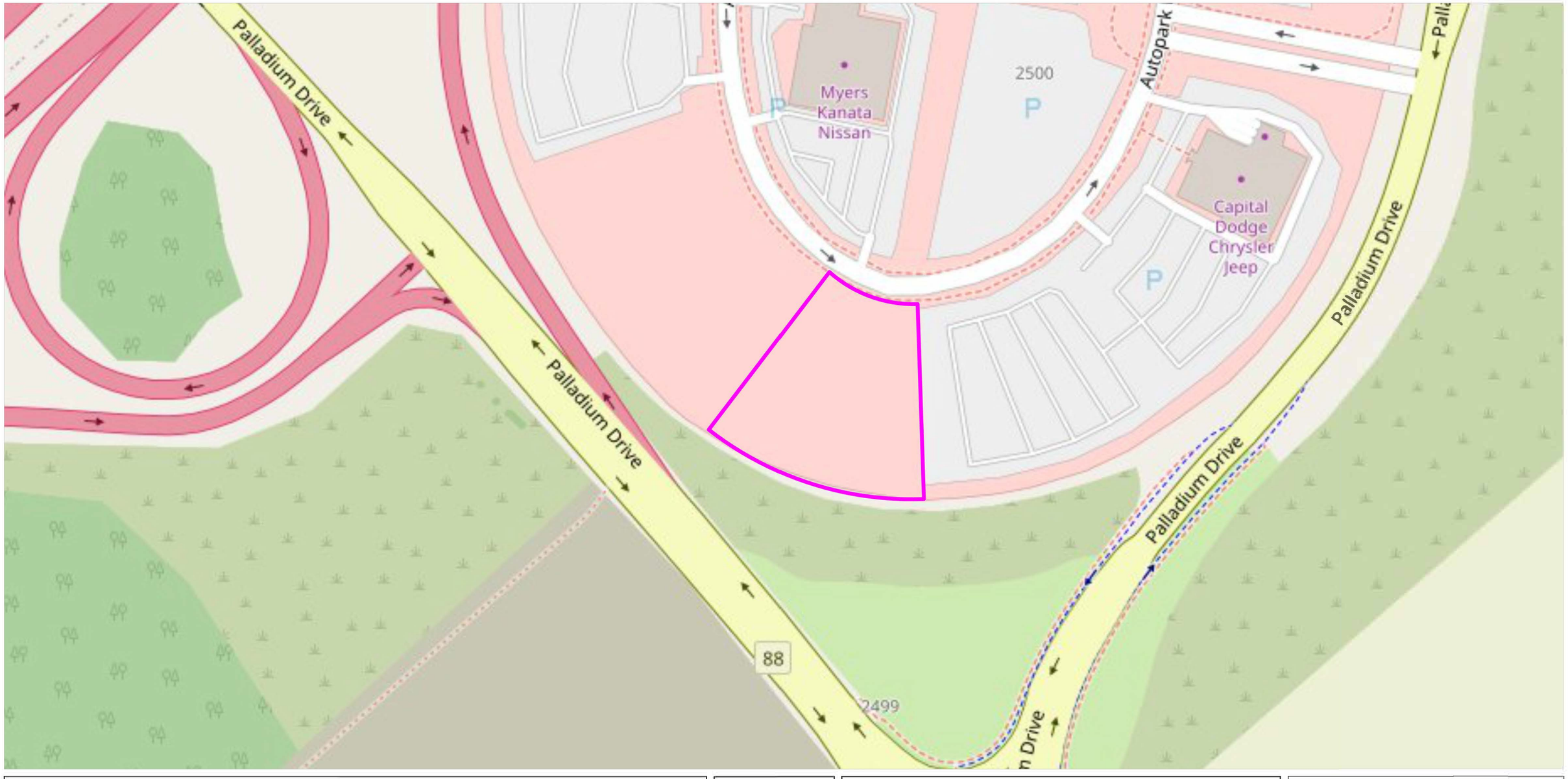
8 REFERENCES

Documents, persons and organizations providing information used in this report are listed below:

1. Canadian Standards Association (CSA) Standard. CSA Z768-01, Phase I Environmental Site Assessment, Canadian Standards Association International, November 2001, reaffirmed in 2016.
2. “Background Metals Concentrations in Fine-Grained Champlain Sea Deposits, Eastern Ontario – Ottawa Region”, prepared by Geofirma Engineering Ltd., dated 2018 (2018 Geofirma Background Metal Concentration Document).
3. Geotechnical Investigation Report, 2500 Palladium Drive, Ontario” for PRITEC Management, and dated April 17, 2025 (2025 AllRock Geotech Report).
4. Phase I Environmental Site Assessment, 2500 Palladium Drive, Unit #4, Ottawa, Ontario” prepared by AllRock Consulting Ltd. for Ken White Construction dated August 29, 2025 (2025 AllRock Phase I ESA).
5. Google Earth™

APPENDIX A

Figure



LEGEND:

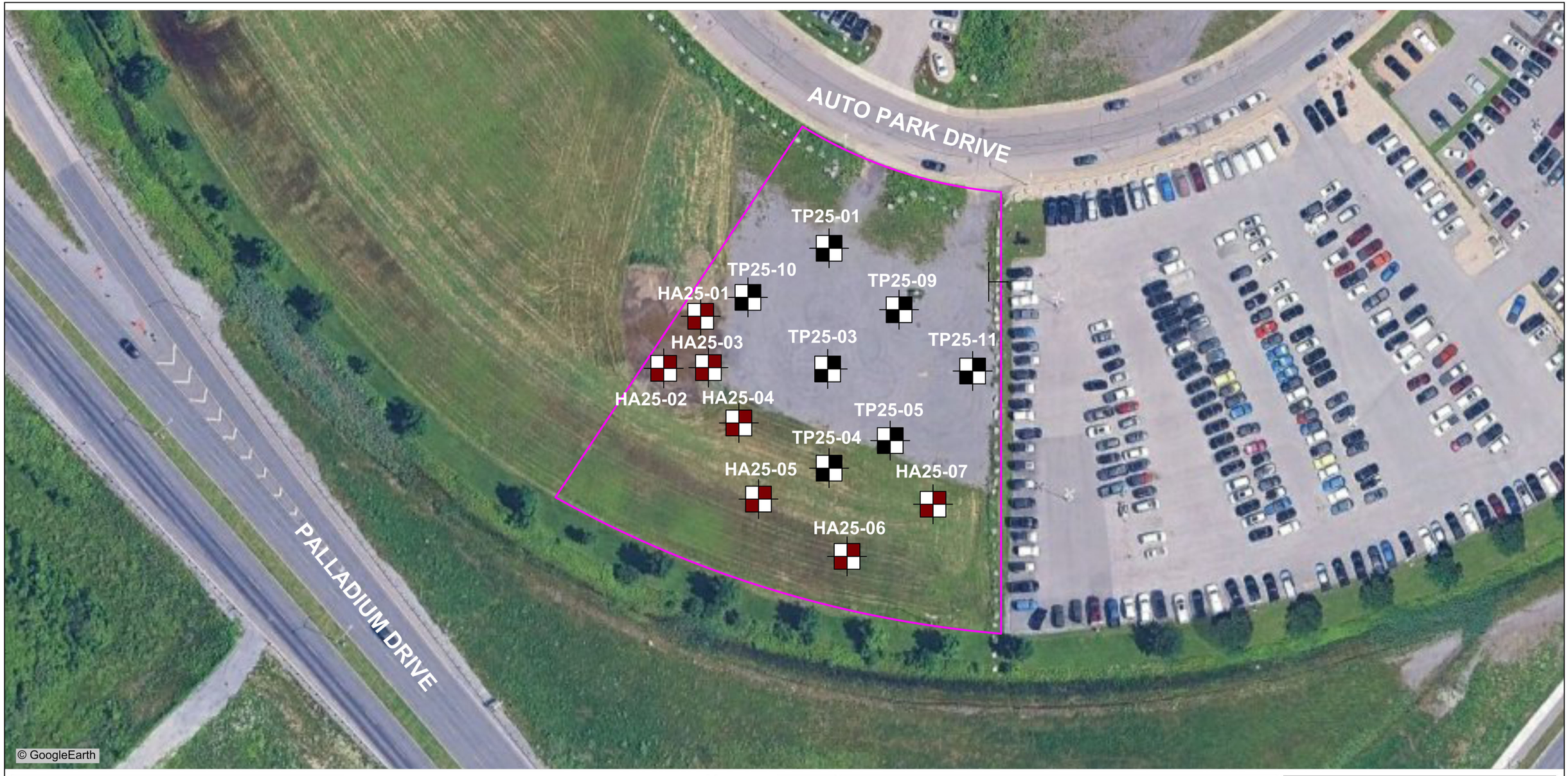
PROJECT AREA

N

FIGURE TITLE:	KEY MAP
PROJECT:	PHASE II ENVIRONMENTAL SITE ASSESSMENT
CLIENT:	KEN WHITE CONSTRUCTION LIMITED
ADDRESS:	2500 PALLADIUM DRIVE UNIT #4, OTTAWA, ON
PROJECT NO: 25191	APPROXIMATE SCALE: NTS

AllRock Consulting Ltd

DATE: AUG 2025	FIGURE NO.: 1
DRAWN BY: ES	CHECKED BY: NM



LEGEND:

- PROJECT AREA
- APPROXIMATE TESTPIT LOCATION (EVENT 1)
- APPROXIMATE HAND AUGER LOCATION (EVENT 2)

N

FIGURE TITLE:	SAMPLE LOCATION PLAN
PROJECT:	PHASE II ENVIRONMENTAL SITE ASSESSMENT
CLIENT:	KEN WHITE CONSTRUCTION LIMITED
ADDRESS:	2500 PALLADIUM DRIVE UNIT #4, OTTAWA, ON
PROJECT NO: 25191	APPROXIMATE SCALE: NTS

AllRock Consulting Ltd

DATE: AUG 2025	FIGURE NO.: 2
DRAWN BY: ES	CHECKED BY: NM

AllRock Consulting Ltd

APPENDIX B

Summary Tables

AllRock Consulting Ltd

Soil Analytical Results Table

Ken White Construction Limited
2500 Palladium Drive, Unit #4, Ottawa

Sample ID	*Table 3 ICC SCS*	TP25-01 SS1	TP25-02 SS1	TP25-03 SS2	TP25-03 SS3	TP25-04 SS1	TP25-04 SS2	TP25-04 SS3
Sample Collection Date (dd/mm/yyyy)		*11-07-2025*	*11-07-2025*	*11-07-2025*	*11-07-2025*	*11-07-2025*	*11-07-2025*	*11-07-2025*
Depth (mbgs)		*(0-0.65)*	*(0-0.65)*	*(0.65-1.3)*	*(0.65-1.3)*	*(0-0.45)*	*(0.45-0.90)*	*(0.90-1.3)*
Metals								
Hexavalent Chromium	NA	<0.2	<0.2	0.31	0.28	<0.4	0.32	0.27
Antimony	50	<1	<1	<1	<1	<1	<1	<1
Arsenic	18	1	2	2	2	2	2	2
Barium	670	39	264	298	278	180	360	240
Beryllium	10	<1	<1	<1	<1	<1	<1	<1
Boron	120	11	8	6	<5	6	6	8
Cadmium	1.9	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Chromium	160	12	62	76	74	44	92	60
Cobalt	100	3	12	14	15	9	19	15
Copper	300	6	37	38	37	35	46	33
Lead	120	4	7	6	5	8	6	6
Mercury	20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	40	<1	<1	<1	<1	<1	<1	<1
Nickel	340	9	33	40	38	23	48	31
Selenium	5.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Silver	50	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium	3.3	<1	<1	<1	<1	<1	<1	<1
Uranium	33	<0.5	0.8	0.6	0.6	1.5	0.7	0.6
Vanadium	86	5	77	91	80	71	99	78
Zinc	340	8	89	97	99	83	123	92
Inorganics								
Boron (Hot Water Soluble)	2	0.28	0.34	0.26	<0.25	0.67	<0.25	<0.25
Electrical Conductivity (EC)	1.4	0.16	0.26	0.25	0.25	0.46	0.46	0.6
Cyanide (Free)	0.051	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
pH (1:2 CaCl2)	5 to 9	8.26	7.19	7.39	7.37	7.33	7.29	8.06
Sodium Absorption Ratio (SAR)^	12	0.34	2.26	4.91	5.34	8.09	10.1	9.9
Petroleum Hydrocarbons (PHCs)								
F1 minus BTEX	65	<10	<10	<10	<10	<10	<10	<10
F2 minus Naphthalene	NA	6	4	<2	<2	<2	<2	<2
F3 minus PAH	NA	24	32	<20	<20	74	<20	<20
F1 (C6 to C10)	65	<10	<10	<10	<10	<10	<10	<10
F2 (C10 to C16)	250	6	4	<2	<2	<2	<2	<2
F3 (C16 to C34)	2500	24	32	<20	<20	74	<20	<20
F4 (C34 to C50)	6600	<20	<20	<20	<20	54	<20	<20
F4 (Gravimetric)	6600	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (PAHs)								
1 + 2-Methylnaphthalene	85	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1-Methylnaphthalene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Methylnaphthalene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	96	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	0.17	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Anthracene	0.74	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)anthracene	0.96	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)pyrene	0.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(b)fluoranthene	0.96	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(g,h,i)perylene	9.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	0.96	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chrysene	9.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dibenzo(a,h)anthracene	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	9.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluorene	69	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno(1,2,3-c,d)pyrene	0.95	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Naphthalene	28	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
Phenanthrene	16	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrene	96	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Volatile Organic Compounds (VOCs)								
1,1,1,2-Tetrachloroethane	0.11	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,1-Trichloroethane	12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2,2-Tetrachloroethane	0.094	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2-Trichloroethane	0.11	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethane	21	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethene	0.48	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dibromoethane	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichlorobenzene	8.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloroethane	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloropropane	0.68	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichlorobenzene	12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichloropropene, cis + trans	0.21	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,4-Dichlorobenzene	0.84	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	28	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	0.4	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068
Bromodichloromethane	18	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromoform	1.7	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromomethane	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon tetrachloride	1.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroform	0.18	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1,2-Dichloroethene	9.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1,3-Dichloropropene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dibromochloromethane	13	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorodifluoromethane	25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloromethane	2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	19	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
Hexane	88	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
m/p-Xylene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methyl ethyl ketone (MEK)	88	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl isobutyl ketone (MIBK)	210	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl tert-butyl ether (MTBE)	3.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Monochlorobenzene	2.7	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
o-Xylene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Styrene	43	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Tetrachloroethylene (PCE)	21	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Toluene	78	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
trans-1,2-Dichloroethene	37	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
trans-1,3-Dichloropropene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trichloroethylene (TCE)	0.61	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trichlorofluoromethane	5.8	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vinyl chloride	0.25	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Xylene (Total)	21	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Tables	MECP Tables Fine Textured (FT)
Red	Exceeds MECP Full Depth Table 3 ICC SCS
Units	All Units in micrograms per gram (µg/g) and EC in (mS/cm)
mbgs	Meters Below Ground Surface

AllRock Consulting Ltd

Soil Analytical Results Table

Ken White Construction Limited
2500 Palladium Drive, Unit #4, Ottawa

Sample ID	*Table 3 ICC SCS*	TP25-05 SS1	TP25-05 SS2	TP25-05 SS3	TP25-06 SS2	TP25-07 SS2	TP25-08 SS1	TP25-08 SS2
Sample Collection Date (dd/mm/yyyy)		*11-07-2025*	*11-07-2025*	*11-07-2025*	*11-07-2025*	*11-07-2025*	*11-07-2025*	*11-07-2025*
Depth (mbgs)		*(0-0.45)*	*(0.45-0.90)*	*(0.90-1.3)*	*(0.65-1.3)*	*(0.65-1.3)*	*(0-0.65)*	*(0.65-1.3)*
Metals								
Hexavalent Chromium	NA	<0.4	0.3	0.25	0.27	0.27	0.32	0.32
Antimony	50	<1	<1	<1	<1	<1	<1	<1
Arsenic	18	2	2	3	2	2	2	2
Barium	670	179	304	251	266	275	271	294
Beryllium	10	<1	<1	<1	<1	<1	<1	<1
Boron	120	6	6	7	7	6	7	7
Cadmium	1.9	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Chromium	160	43	75	62	66	69	68	71
Cobalt	100	10	16	16	16	17	14	17
Copper	300	34	40	29	36	38	31	40
Lead	120	8	5	6	6	6	5	8
Mercury	20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	40	<1	<1	<1	<1	<1	<1	<1
Nickel	340	22	39	32	35	37	36	38
Selenium	5.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Silver	50	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium	3.3	<1	<1	<1	<1	<1	<1	<1
Uranium	33	1	0.7	0.6	0.6	0.6	0.6	0.6
Vanadium	86	77	87	75	87	83	76	89
Zinc	340	77	100	92	100	101	83	103
Inorganics								
Boron (Hot Water Soluble)	2	0.57	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Electrical Conductivity (EC)	1.4	0.36	0.32	0.52	0.35	0.47	0.22	0.74
Cyanide (Free)	0.051	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
pH (1:2 CaCl2)	5 to 9	7.94	7.48	7.75	7.84	7.85	7.76	7.75
Sodium Absorption Ratio (SAR)^	12	1.35	2.36	6.61	3.82	4.51	1.19	16
Petroleum Hydrocarbons (PHCs)								
F1 minus BTEX	65	<10	<10	<10	<10	<10	<10	<10
F2 minus Naphthalene	NA	<2	<2	<2	<2	<2	<2	<2
F3 minus PAH	NA	51	<20	<20	<20	<20	<20	<20
F1 (C6 to C10)	65	<10	<10	<10	<10	<10	<10	<10
F2 (C10 to C16)	250	<2	<2	<2	<2	<2	<2	<2
F3 (C16 to C34)	2500	51	<20	<20	<20	<20	<20	<20
F4 (C34 to C50)	6600	35	<20	<20	<20	<20	<20	<20
F4 (Gravimetric)	6600	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (PAHs)								
1 + 2-Methylnaphthalene	85	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1-Methylnaphthalene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Methylnaphthalene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	96	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	0.17	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Anthracene	0.74	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)anthracene	0.96	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)pyrene	0.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(b)fluoranthene	0.96	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(g,h,i)perylene	9.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	0.96	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chrysene	9.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dibenzo(a,h)anthracene	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	9.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluorene	69	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno(1,2,3-c,d)pyrene	0.95	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Naphthalene	28	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
Phenanthrene	16	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrene	96	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Volatile Organic Compounds (VOCs)								
1,1,1,2-Tetrachloroethane	0.11	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,1-Trichloroethane	12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2,2-Tetrachloroethane	0.094	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2-Trichloroethane	0.11	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethane	21	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethene	0.48	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dibromoethane	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichlorobenzene	8.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloroethane	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloropropane	0.68	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichlorobenzene	12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichloropropene, cis + trans	0.21	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,4-Dichlorobenzene	0.84	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	28	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	0.4	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068
Bromodichloromethane	18	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromoform	1.7	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromomethane	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon tetrachloride	1.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroform	0.18	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1,2-Dichloroethene	9.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1,3-Dichloropropene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dibromochloromethane	13	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorodifluoromethane	25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloromethane	2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	19	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
Hexane	88	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
m/p-Xylene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methyl ethyl ketone (MEK)	88	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl isobutyl ketone (MIBK)	210	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl tert-butyl ether (MTBE)	3.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Monochlorobenzene	2.7	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
o-Xylene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Styrene	43	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Tetrachloroethylene (PCE)	21	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Toluene	78	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
trans-1,2-Dichloroethene	37	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
trans-1,3-Dichloropropene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trichloroethylene (TCE)	0.61	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trichlorofluoromethane	5.8	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vinyl chloride	0.25	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Xylene (Total)	21	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Tables	MECP Tables Fine Textured (FT)
Bold	Exceeds MECP Full Depth Table 3 ICC SCS
Units	All Units in micrograms per gram (µg/g) and EC in (mS/cm)
mbgs	Meters Below Ground Surface

AllRock Consulting Ltd

Soil Analytical Results Table

Ken White Construction Limited
2500 Palladium Drive, Unit #4, Ottawa

Sample ID	*Table 3 ICC SCS*	TP25-09 SS1	TP25-09 SS2	TP25-10 SS1	TP25-11 SS1	DUP-01(TP25-04 SS1)	DUP-02(TP25-06 SS2)
Sample Collection Date (dd/mm/yyyy)		*11-07-2025*	*11-07-2025*	*11-07-2025*	*11-07-2025*	*11-07-2025*	*11-07-2025*
Depth (mbgs)		*(0-0.65)*	*(0.65-1.3)*	*(0-0.65)*	*(0-0.65)*	-	-
Metals							
Hexavalent Chromium	NA	0.42	0.32	<0.2	<0.2	<0.6	0.23
Antimony	50	<1	<1	<1	<1	<1	<1
Arsenic	18	2	2	2	2	2	2
Barium	670	289	351	110	76	169	272
Beryllium	10	<1	<1	<1	<1	<1	<1
Boron	120	6	6	12	11	6	6
Cadmium	1.9	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Chromium	160	72	70	23	18	42	66
Cobalt	100	14	16	5	4	9	16
Copper	300	29	36	10	10	33	37
Lead	120	6	6	4	3	8	6
Mercury	20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	40	<1	<1	<1	<1	<1	<1
Nickel	340	38	37	15	12	22	36
Selenium	5.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Silver	50	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium	3.3	<1	<1	<1	<1	<1	<1
Uranium	33	0.7	0.6	<0.5	<0.5	1.3	0.6
Vanadium	86	76	88	18	15	75	87
Zinc	340	86	102	21	18	78	101
Inorganics							
Boron (Hot Water Soluble)	2	<0.25	<0.25	<0.25	0.27	0.56	<0.25
Electrical Conductivity (EC)	1.4	0.38	0.39	0.15	0.16	0.46	0.5
Cyanide (Free)	0.051	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
pH (1:2 CaCl2)	5 to 9	7.9	7.53	8.13	8.23	7.44	8.08
Sodium Absorption Ratio (SAR)^	12	3.89	7.73	1.35	0.42	8.15	4.18
Petroleum Hydrocarbons (PHCs)							
F1 minus BTEX	65	<10	<10	20	<10	<10	<10
F2 minus Naphthalene	NA	<2	<2	14	7	<2	<2
F3 minus PAH	NA	<20	<20	22	<20	49	<20
F1 (C6 to C10)	65	<10	<10	20	<10	<10	<10
F2 (C10 to C16)	250	<2	<2	14	7	<2	<2
F3 (C16 to C34)	2500	<20	<20	22	<20	49	<20
F4 (C34 to C50)	6600	<20	<20	<20	<20	50	<20
F4 (Gravimetric)	6600	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (PAHs)							
1 + 2-Methylnaphthalene	85	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1-Methylnaphthalene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Methylnaphthalene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	96	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	0.17	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Anthracene	0.74	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)anthracene	0.96	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)pyrene	0.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(b)fluoranthene	0.96	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(g,h,i)perylene	9.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	0.96	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chrysene	9.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dibenzo(a,h)anthracene	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	9.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluorene	69	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno(1,2,3-c,d)pyrene	0.95	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Naphthalene	28	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
Phenanthrene	16	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrene	96	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Volatile Organic Compounds (VOCs)							
1,1,1,2-Tetrachloroethane	0.11	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,1-Trichloroethane	12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2,2-Tetrachloroethane	0.094	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2-Trichloroethane	0.11	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethane	21	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethene	0.48	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dibromoethane	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichlorobenzene	8.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloroethane	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloropropane	0.68	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichlorobenzene	12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichloropropene, cis + trans	0.21	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,4-Dichlorobenzene	0.84	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	28	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	0.4	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068
Bromodichloromethane	18	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromoform	1.7	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromomethane	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon tetrachloride	1.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroform	0.18	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1,2-Dichloroethene	9.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1,3-Dichloropropene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dibromochloromethane	13	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorodifluoromethane	25	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloromethane	2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	19	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
Hexane	88	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
m/p-Xylene	NA	<0.05	<0.05	0.12	<0.05	<0.05	<0.05
Methyl ethyl ketone (MEK)	88	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl isobutyl ketone (MIBK)	210	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl tert-butyl ether (MTBE)	3.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Monochlorobenzene	2.7	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
o-Xylene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Styrene	43	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Tetrachloroethylene (PCE)	21	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Toluene	78	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
trans-1,2-Dichloroethene	37	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
trans-1,3-Dichloropropene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trichloroethylene (TCE)	0.61	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trichlorofluoromethane	5.8	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vinyl chloride	0.25	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Xylene (Total)	21	<0.05	<0.05	0.12	<0.05	<0.05	<0.05

Tables	MECP Tables Fine Textured (FT)
Value	Exceeds MECP Full Depth Table 3 ICC SCS
Units	All Units in micrograms per gram (µg/g) and EC in (mS/cm)
mbgs	Meters Below Ground Surface

AllRock Consulting Ltd

Soil Analytical Results Table

Ken White Construction Limited
2500 Palladium Drive, Unit #4, Ottawa

Sample ID	*Table 3 ICC SCS*	HA25-01	HA25-02	HA25-03	HA25-04	HA25-05	HA25-06	HA25-07	DUP (HA25-04)
Sample Collection Date (dd/mm/yyyy)		*14-08-2025*	*14-08-2025*	*14-08-2025*	*14-08-2025*	*14-08-2025*	*14-08-2025*	*14-08-2025*	*14-08-2025*
Depth (mbgs)		*(0-0.35)*	*(0-0.35)*	*(0-0.35)*	*(0-0.35)*	*(0-0.35)*	*(0-0.35)*	*(0-0.35)*	*(0-0.35)*
Metals									
Hexavalent Chromium	NA	<0.4	<0.4	<0.4	0.36	<0.2	0.36	0.5	0.35
Antimony	50	<1	<1	<1	<1	<1	<1	<1	<1
Arsenic	18	3	3	3	2	3	3	3	3
Barium	670	184	187	192	325	297	298	292	354
Beryllium	10	<1	<1	<1	<1	<1	<1	<1	<1
Boron	120	5	6	6	<5	6	<5	<5	5
Cadmium	1.9	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Chromium	160	42	42	44	79	74	88	84	81
Cobalt	100	9	9	10	13	14	16	16	15
Copper	300	29	31	29	37	41	42	42	40
Lead	120	9	9	8	6	6	6	6	6
Mercury	20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	40	<1	<1	<1	<1	<1	<1	<1	<1
Nickel	340	21	22	22	39	36	44	42	41
Selenium	5.5	1.4	1.7	1.7	1.7	2.6	2	2.4	2.4
Silver	50	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium	3.3	<1	<1	<1	<1	<1	<1	<1	<1
Uranium	33	1.0	1	0.9	0.7	0.6	0.7	0.7	0.7
Vanadium	86	64	65	66	86	**90**	**94**	**100**	**96**
Zinc	340	78	77	74	101	105	111	102	107
Inorganics									
Boron (Hot Water Soluble)	2	0.26	0.3	0.29	<0.25	<0.25	<0.25	<0.25	<0.25
Electrical Conductivity (EC)	1.4	0.35	0.38	0.33	0.41	0.65	0.4	0.16	0.43
Cyanide (Free)	0.051	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
pH (1:2 CaCl2)	5 to 9	7.01	7.38	7.29	7.24	7.05	6.89	7.25	7.15
Sodium Absorption Ratio (SAR)^	12	3.26	3.37	2.99	4.12	9.6	5.09	0.45	4.47
Petroleum Hydrocarbons (PHCs)									
F1 minus BTEX	65	<10	<10	<10	<10	<10	<10	<10	<10
F2 minus Naphthalene	NA	-	-	-	-	-	-	-	-
F3 minus PAH	NA	-	-	-	-	-	-	-	-
F1 (C6 to C10)	65	<10	<10	<10	<10	<10	<10	<10	<10
F2 (C10 to C16)	250	<10	<10	<10	<10	<10	<10	<10	<10
F3 (C16 to C34)	2500	<2	<2	<2	<2	<2	<2	<2	<2
F4 (C34 to C50)	6600	27	56	40	<20	<20	<20	<20	<20
F4 (Gravimetric)	6600	34	69	55	56	37	<20	35	25
BTEX									
Benzene	0.4	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068
Ethylbenzene	19	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
m/p-Xylene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
o-Xylene	NA	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Toluene	78	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Xylene (Total)	21	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
OCPs									
Aldrin	0.11	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
alpha-Chlordane	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Chlordane (Total)	0.05	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Dieldrin	0.11	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Endosulfan I	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Endosulfan II	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Endosulfan I + Endosulfan II	0.38	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Endrin	0.04	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
gamma-BHC	0.063	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
gamma-Chlordane	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Heptachlor	0.19	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Heptachlor epoxide	0.05	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Hexachlorobenzene	0.66	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Hexachlorobutadiene	0.095	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Hexachloroethane	0.43	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Methoxychlor	1.6	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
p,p'-DDD	4.6	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
p,p'-DDE	0.65	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
p,p'-DDT	1.4	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

Tables	MECP Tables Coarse Textured (CT)
Value	Exceeds MECP Full Depth Table 3 ICC SCS
Units	All Units in micrograms per gram (µg/g) and EC in (mS/cm)
mbgs	Meters Below Ground Surface

APPENDIX C

Certificates of Analysis

eurofins | Environment Testing
146 Colonnade Rd, Unit 8, Ottawa, ON K2E 7Y1 (613) 727-5692

OFFICIAL CERTIFICATE OF ANALYSIS : 4403309

WORK REQUEST : 100371567

Report Date : 2025-07-24

AllRock Consulting Ltd.
24 Brydon Drive, Unit 5
Toronto, Ontario
M9W 5R6
Attention : Nathan Martin

Reception Date : 2025-07-17
Project : 25191
Sampler : NA
PO Number : Not Applicable
Temperature : 10 °C

Analysis	Quantity	External Method
Boron, HWS (Soil, OES)	20	Modified from MECP E3470 and Gupta, 1967.
Conductivity (Soil, Manual Meter)	20	Modified from MECP E3530
Cyanide, Free (Soil, Colorimetry)	20	Modified from MECP E3015
Hexavalent Chromium (Soil, IC)	20	Modified from SM 3500-CR C and EPA 3060A
Metals Scan (Soil, ICP/MS)	20	Modified from EPA 3050, EPA 200.8
Moisture (Soil, Gravimetric)	20	Modified from ASTM D2216
PAH, O. Reg. 153/04 (Soil, GC/MS)	20	Modified from EPA 8270
pH (Soil, 1:2 CaCl2, Manual Meter)	20	Modified from MECP E3530
PHC F1-BTEX (Soil, Calculation)	20	CCME Petroleum Hydrocarbons in Soil, Tier 1 Method
PHC F2-Naphthalene (Soil, Calculation)	20	CCME Petroleum Hydrocarbons in Soil, Tier 1 Method
PHC F3-PAH (Soil, Calculation)	20	CCME Petroleum Hydrocarbons in Soil, Tier 1 Method
PHCs F1 (Soil, GC-FID)	20	CCME Petroleum Hydrocarbons in Soil, Tier 1 Method
PHCs F2-F4 (Soil, GC-FID)	20	CCME Petroleum Hydrocarbons in Soil, Tier 1 Method
SAR (Calculation, Soil)	20	O.Reg. 153/04, Analytical Protocol
VOCs, O.Reg. 153/04 (Soil, GC/MS)	20	Modified from EPA 8260

Criteria :

A : O. Reg 406/19 - Excess Soil - Full Depth - Res/Park/Ins/Ind/Comm - Table 1
B : O. Reg 406/19 - Excess Soil - Full Depth, Pot GW, Vol Ind - Res/Park/Ins - Table 2.1
C : O. Reg 406/19 - Excess Soil - Full Depth, Non-Pot GW, Vol Ind - Ind/Comm - Table 3.1

Sample status upon receipt :

8842876 8842877 8842878 8842879 8842880 8842881 8842882 8842883 8842884 8842885 8842886 8842887 8842888 8842889 8842890 8842891 8842892 8842893 8842894 8842895

Compliant

Certificate Comments :

8842880 8842883 8842894

Cr(VI) MRL increased due to matrix interference.

8842877

For all samples on this report, the metals spike acceptance limits apply only when the concentration of the matrix spike is greater than or equal to the concentration of the native analyte.

Notes :

- All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise stated.
- Eurofins Environment Testing Canada Inc. is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at https://directory.cala.ca/
- Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only. Guideline or regulatory limits listed on this report are provided for ease of use (informational purposes) only. Eurofins recommends consulting the official guideline or regulation as required. Unless otherwise stated, measurement uncertainty is not taken into account when determining guideline or regulatory exceedances.

Legend :

RL : Reporting limit
QC : Reference material (QC)
N/A : Not applicable
1 : Results in annex
* : Analysis conducted by external subcontracting
^ : Analysis not accredited

eurofins | Environment Testing
146 Colonnade Rd, Unit 8, Ottawa, ON K2E 7Y1 (613) 727-5692

OFFICIAL CERTIFICATE OF ANALYSIS - EXCEEDENCE SUMMARY

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date : 2025-07-17

Eurofins Sample No	Client Sample Identification	Analyte	Result	Units	Exceeded Criteria		
					A	B	C
Conductivity (Soil, Manual Meter)							
8842882	TP25-04 SS3	Electrical Conductivity	0.60	mS/cm	0.57		
8842889	TP25-08 SS2	Electrical Conductivity	0.74	mS/cm	0.57	0.7	
Metals Scan (Soil, ICP/MS)							
8842877	TP25-02 SS1	Barium	264	ug/g	220		
8842878	TP25-03 SS2	Barium	298	ug/g	220		
8842879	TP25-03 SS3	Barium	278	ug/g	220		
8842881	TP25-04 SS2	Barium	360	ug/g	220		
8842882	TP25-04 SS3	Barium	240	ug/g	220		
8842884	TP25-05 SS2	Barium	304	ug/g	220		
8842885	TP25-05 SS3	Barium	251	ug/g	220		
8842886	TP25-06 SS2	Barium	266	ug/g	220		
8842887	TP25-07 SS2	Barium	275	ug/g	220		
8842888	TP25-08 SS1	Barium	271	ug/g	220		
8842889	TP25-08 SS2	Barium	294	ug/g	220		
8842890	TP25-09 SS1	Barium	289	ug/g	220		
8842891	TP25-09 SS2	Barium	351	ug/g	220		
8842895	DUP-02(TP25-06 SS2)	Barium	272	ug/g	220		
8842878	TP25-03 SS2	Chromium	76	ug/g	70		
8842879	TP25-03 SS3	Chromium	74	ug/g	70		
8842881	TP25-04 SS2	Chromium	92	ug/g	70		
8842884	TP25-05 SS2	Chromium	75	ug/g	70		
8842889	TP25-08 SS2	Chromium	71	ug/g	70		
8842890	TP25-09 SS1	Chromium	72	ug/g	70		
8842878	TP25-03 SS2	Vanadium	91	ug/g	86	86	86
8842881	TP25-04 SS2	Vanadium	99	ug/g	86	86	86
8842884	TP25-05 SS2	Vanadium	87	ug/g	86	86	86
8842886	TP25-06 SS2	Vanadium	87	ug/g	86	86	86
8842889	TP25-08 SS2	Vanadium	89	ug/g	86	86	86
8842891	TP25-09 SS2	Vanadium	88	ug/g	86	86	86
8842895	DUP-02(TP25-06 SS2)	Vanadium	87	ug/g	86	86	86
PHCs F2-F4 (Soil, GC-FID)							
8842892	TP25-10 SS1	F2 (C10 to C16)	14	ug/g	10	10	
SAR (Calculation, Soil)							
8842878	TP25-03 SS2	Sodium Absorption Ratio (SAR)^	4.91		2.4		
8842879	TP25-03 SS3	Sodium Absorption Ratio (SAR)^	5.34		2.4	5	
8842880	TP25-04 SS1	Sodium Absorption Ratio (SAR)^	8.09		2.4	5	
8842881	TP25-04 SS2	Sodium Absorption Ratio (SAR)^	10.1		2.4	5	
8842882	TP25-04 SS3	Sodium Absorption Ratio (SAR)^	9.90		2.4	5	
8842885	TP25-05 SS3	Sodium Absorption Ratio (SAR)^	6.61		2.4	5	
8842886	TP25-06 SS2	Sodium Absorption Ratio (SAR)^	3.82		2.4		
8842887	TP25-07 SS2	Sodium Absorption Ratio (SAR)^	4.51		2.4		
8842889	TP25-08 SS2	Sodium Absorption Ratio (SAR)^	16.0		2.4	5	12
8842890	TP25-09 SS1	Sodium Absorption Ratio (SAR)^	3.89		2.4		
8842891	TP25-09 SS2	Sodium Absorption Ratio (SAR)^	7.73		2.4	5	
8842894	DUP-01(TP25-04 SS1)	Sodium Absorption Ratio (SAR)^	8.15		2.4	5	
8842895	DUP-02(TP25-06 SS2)	Sodium Absorption Ratio (SAR)^	4.18		2.4		
VOCs, O.Reg. 153/04 (Soil, GC/MS)							
8842892	TP25-10 SS1	Xylene (Total)	0.12	ug/g	0.05	0.091	

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OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

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Reception Date: 2025-07-17

					Eurofins Sample No :	8842876	8842877	8842878	8842879	8842880
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-01 SS1	TP25-02 SS1	TP25-03 SS2	TP25-03 SS3	TP25-04 SS1
General Chemistry	RL	Unit	Criteria A	Criteria B	Criteria C					
Boron, HWS (Soil, OES)										
Boron (Hot Water Soluble)	0.25	ug/g		1.5	2	0.28	0.34	0.26	<0.25	0.67
Conductivity (Soil, Manual Meter)										
Electrical Conductivity	0.05	mS/cm	0.57	0.7	1.4	0.16	0.26	0.25	0.25	0.46
Cyanide, Free (Soil, Colorimetry)										
Cyanide (Free)	0.005	ug/g	0.051	0.051	0.051	<0.005	<0.005	<0.005	<0.005	<0.005
pH (Soil, 1:2 CaCl2, Manual Meter)										
pH (1:2 CaCl2)	1					8.26	7.19	7.39	7.37	7.33
SAR (Calculation, Soil)										
Sodium Absorption Ratio (SAR)^	0.01		2.4	5	12	0.34	2.26	4.91	5.34	8.09

					Eurofins Sample No :	8842881	8842882	8842883	8842884	8842885
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-04 SS2	TP25-04 SS3	TP25-05 SS1	TP25-05 SS2	TP25-05 SS3
General Chemistry	RL	Unit	Criteria A	Criteria B	Criteria C					
Boron, HWS (Soil, OES)										
Boron (Hot Water Soluble)	0.25	ug/g		1.5	2	<0.25	<0.25	0.57	<0.25	<0.25
Conductivity (Soil, Manual Meter)										
Electrical Conductivity	0.05	mS/cm	0.57	0.7	1.4	0.46	0.60	0.36	0.32	0.52
Cyanide, Free (Soil, Colorimetry)										
Cyanide (Free)	0.005	ug/g	0.051	0.051	0.051	<0.005	<0.005	<0.005	<0.005	<0.005
pH (Soil, 1:2 CaCl2, Manual Meter)										
pH (1:2 CaCl2)	1					7.29	8.06	7.94	7.48	7.75
SAR (Calculation, Soil)										
Sodium Absorption Ratio (SAR)^	0.01		2.4	5	12	10.1	9.90	1.35	2.36	6.61

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					Eurofins Sample No :	8842886	8842887	8842888	8842889	8842890
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-06 SS2	TP25-07 SS2	TP25-08 SS1	TP25-08 SS2	TP25-09 SS1
General Chemistry	RL	Unit	Criteria A	Criteria B	Criteria C					
Boron, HWS (Soil, OES)										
Boron (Hot Water Soluble)	0.25	ug/g		1.5	2	<0.25	<0.25	<0.25	<0.25	<0.25
Conductivity (Soil, Manual Meter)										
Electrical Conductivity	0.05	mS/cm	0.57	0.7	1.4	0.35	0.47	0.22	0.74	0.38
Cyanide, Free (Soil, Colorimetry)										
Cyanide (Free)	0.005	ug/g	0.051	0.051	0.051	<0.005	<0.005	<0.005	<0.005	<0.005
pH (Soil, 1:2 CaCl2, Manual Meter)										
pH (1:2 CaCl2)	1					7.84	7.85	7.76	7.75	7.90
SAR (Calculation, Soil)										
Sodium Absorption Ratio (SAR)^	0.01		2.4	5	12	3.82	4.51	1.19	16.0	3.89

					Eurofins Sample No :	8842891	8842892	8842893	8842894	8842895
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-09 SS2	TP25-10 SS1	TP25-11 SS1	DUP-01(TP25-04 SS1)	DUP-02(TP25-06 SS2)
General Chemistry	RL	Unit	Criteria A	Criteria B	Criteria C					
Boron, HWS (Soil, OES)										
Boron (Hot Water Soluble)	0.25	ug/g		1.5	2	<0.25	<0.25	0.27	0.56	<0.25
Conductivity (Soil, Manual Meter)										
Electrical Conductivity	0.05	mS/cm	0.57	0.7	1.4	0.39	0.15	0.16	0.46	0.50
Cyanide, Free (Soil, Colorimetry)										
Cyanide (Free)	0.005	ug/g	0.051	0.051	0.051	<0.005	<0.005	<0.005	<0.005	<0.005
pH (Soil, 1:2 CaCl2, Manual Meter)										
pH (1:2 CaCl2)	1					7.53	8.13	8.23	7.44	8.08
SAR (Calculation, Soil)										
Sodium Absorption Ratio (SAR)^	0.01		2.4	5	12	7.73	1.35	0.42	8.15	4.18

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					Eurofins Sample No :	8842876	8842877	8842878	8842879	8842880
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-01 SS1	TP25-02 SS1	TP25-03 SS2	TP25-03 SS3	TP25-04 SS1
Metals	**RL**	**Unit**	**Criteria A**	**Criteria B**	**Criteria C**					
Hexavalent Chromium (Soil, IC)										
Hexavalent Chromium	0.4	ug/g	0.66	8	8	<0.2	<0.2	0.31	0.28	<0.4
Metals Scan (Soil, ICP/MS)										
Antimony	1	ug/g	1.3	7.5	40	<1	<1	<1	<1	<1
Arsenic	1	ug/g	18	18	18	1	2	2	2	2
Barium	1	ug/g	220	390	670	39	264	298	278	180
Beryllium	1	ug/g	2.5	4	8	<1	<1	<1	<1	<1
Boron	5	ug/g	36	120	120	11	8	6	<5	6
Cadmium	0.4	ug/g	1.2	1.2	1.9	<0.4	<0.4	<0.4	<0.4	<0.4
Chromium	1	ug/g	70	160	160	12	62	76	74	44
Cobalt	1	ug/g	21	22	80	3	12	14	15	9
Copper	1	ug/g	92	140	230	6	37	38	37	35
Lead	1	ug/g	120	120	120	4	7	6	5	8
Mercury	0.1	ug/g	0.27	0.27	0.27	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	1	ug/g	2	6.9	40	<1	<1	<1	<1	<1
Nickel	1	ug/g	82	100	270	9	33	40	38	23
Selenium	0.5	ug/g	1.5	2.4	5.5	<0.5	<0.5	<0.5	<0.5	<0.5
Silver	0.2	ug/g	0.5	20	40	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium	1	ug/g	1	1	3.3	<1	<1	<1	<1	<1
Uranium	0.5	ug/g	2.5	23	33	<0.5	0.8	0.6	0.6	1.5
Vanadium	2	ug/g	86	86	86	5	77	91	80	71
Zinc	2	ug/g	290	340	340	8	89	97	99	83

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						Eurofins Sample No :	**8842881**	**8842882**	**8842883**	**8842884**	**8842885**
						Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
						Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
						Client Sample Identification :	TP25-04 SS2	TP25-04 SS3	TP25-05 SS1	TP25-05 SS2	TP25-05 SS3
Metals	**RL**	**Unit**	**Criteria**								
			A	**B**	**C**						
Hexavalent Chromium (Soil, IC)											
Hexavalent Chromium	0.2	ug/g	0.66	8	8		0.32	0.27	<0.4	0.3	0.25
Metals Scan (Soil, ICP/MS)											
Antimony	1	ug/g	1.3	7.5	40		<1	<1	<1	<1	<1
Arsenic	1	ug/g	18	18	18		2	2	2	2	3
Barium	1	ug/g	220	390	670		360	240	179	304	251
Beryllium	1	ug/g	2.5	4	8		<1	<1	<1	<1	<1
Boron	5	ug/g	36	120	120		6	8	6	6	7
Cadmium	0.4	ug/g	1.2	1.2	1.9		<0.4	<0.4	<0.4	<0.4	<0.4
Chromium	1	ug/g	70	160	160		92	60	43	75	62
Cobalt	1	ug/g	21	22	80		19	15	10	16	16
Copper	1	ug/g	92	140	230		46	33	34	40	29
Lead	1	ug/g	120	120	120		6	6	8	5	6
Mercury	0.1	ug/g	0.27	0.27	0.27		<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	1	ug/g	2	6.9	40		<1	<1	<1	<1	<1
Nickel	1	ug/g	82	100	270		48	31	22	39	32
Selenium	0.5	ug/g	1.5	2.4	5.5		<0.5	<0.5	<0.5	<0.5	<0.5
Silver	0.2	ug/g	0.5	20	40		<0.2	<0.2	<0.2	<0.2	<0.2
Thallium	1	ug/g	1	1	3.3		<1	<1	<1	<1	<1
Uranium	0.5	ug/g	2.5	23	33		0.7	0.6	1.0	0.7	0.6
Vanadium	2	ug/g	86	86	86		99	78	77	87	75
Zinc	2	ug/g	290	340	340		123	92	77	100	92

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					Eurofins Sample No :	**8842886**	**8842887**	**8842888**	**8842889**	**8842890**
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-06 SS2	TP25-07 SS2	TP25-08 SS1	TP25-08 SS2	TP25-09 SS1
Metals	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
Hexavalent Chromium (Soil, IC)										
Hexavalent Chromium	0.2	ug/g	0.66	8	8	0.27	0.27	0.32	0.32	0.42
Metals Scan (Soil, ICP/MS)										
Antimony	1	ug/g	1.3	7.5	40	<1	<1	<1	<1	<1
Arsenic	1	ug/g	18	18	18	2	2	2	2	2
Barium	1	ug/g	220	390	670	266	275	271	294	289
Beryllium	1	ug/g	2.5	4	8	<1	<1	<1	<1	<1
Boron	5	ug/g	36	120	120	7	6	7	7	6
Cadmium	0.4	ug/g	1.2	1.2	1.9	<0.4	<0.4	<0.4	<0.4	<0.4
Chromium	1	ug/g	70	160	160	66	69	68	71	72
Cobalt	1	ug/g	21	22	80	16	17	14	17	14
Copper	1	ug/g	92	140	230	36	38	31	40	29
Lead	1	ug/g	120	120	120	6	6	5	8	6
Mercury	0.1	ug/g	0.27	0.27	0.27	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	1	ug/g	2	6.9	40	<1	<1	<1	<1	<1
Nickel	1	ug/g	82	100	270	35	37	36	38	38
Selenium	0.5	ug/g	1.5	2.4	5.5	<0.5	<0.5	<0.5	<0.5	<0.5
Silver	0.2	ug/g	0.5	20	40	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium	1	ug/g	1	1	3.3	<1	<1	<1	<1	<1
Uranium	0.5	ug/g	2.5	23	33	0.6	0.6	0.6	0.6	0.7
Vanadium	2	ug/g	86	86	86	87	83	76	89	76
Zinc	2	ug/g	290	340	340	100	101	83	103	86

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					Eurofins Sample No :	**8842891**	**8842892**	**8842893**	**8842894**	**8842895**
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-09 SS2	TP25-10 SS1	TP25-11 SS1	DUP-01(TP2 5-04 SS1)	DUP-02(TP2 5-06 SS2)
Metals	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
Hexavalent Chromium (Soil, IC)										
Hexavalent Chromium	0.2	ug/g	0.66	8	8	0.32	<0.2	<0.2	<0.6	0.23
Metals Scan (Soil, ICP/MS)										
Antimony	1	ug/g	1.3	7.5	40	<1	<1	<1	<1	<1
Arsenic	1	ug/g	18	18	18	2	2	2	2	2
Barium	1	ug/g	220	390	670	351	110	76	169	272
Beryllium	1	ug/g	2.5	4	8	<1	<1	<1	<1	<1
Boron	5	ug/g	36	120	120	6	12	11	6	6
Cadmium	0.4	ug/g	1.2	1.2	1.9	<0.4	<0.4	<0.4	<0.4	<0.4
Chromium	1	ug/g	70	160	160	70	23	18	42	66
Cobalt	1	ug/g	21	22	80	16	5	4	9	16
Copper	1	ug/g	92	140	230	36	10	10	33	37
Lead	1	ug/g	120	120	120	6	4	3	8	6
Mercury	0.1	ug/g	0.27	0.27	0.27	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	1	ug/g	2	6.9	40	<1	<1	<1	<1	<1
Nickel	1	ug/g	82	100	270	37	15	12	22	36
Selenium	0.5	ug/g	1.5	2.4	5.5	<0.5	<0.5	<0.5	<0.5	<0.5
Silver	0.2	ug/g	0.5	20	40	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium	1	ug/g	1	1	3.3	<1	<1	<1	<1	<1
Uranium	0.5	ug/g	2.5	23	33	0.6	<0.5	<0.5	1.3	0.6
Vanadium	2	ug/g	86	86	86	88	18	15	75	87
Zinc	2	ug/g	290	340	340	102	21	18	78	101

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					Eurofins Sample No :	**8842876**	**8842877**	**8842878**	**8842879**	**8842880**
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-01 SS1	TP25-02 SS1	TP25-03 SS2	TP25-03 SS3	TP25-04 SS1
Petroleum Hydrocarbons	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
PHC F1-BTEX (Soil, Calculation)										
F1 minus BTEX	10	ug/g	25	25	25	<10	<10	<10	<10	<10
PHC F2-Naphthalene (Soil, Calculation)										
F2 minus Naphthalene	2	ug/g				6	4	<2	<2	<2
PHC F3-PAH (Soil, Calculation)										
F3 minus PAH	20	ug/g				24	32	<20	<20	74
PHCs F1 (Soil, GC-FID)										
F1 (C6 to C10)	10	ug/g	25	25	25	<10	<10	<10	<10	<10
PHCs F2-F4 (Soil, GC-FID)										
F2 (C10 to C16)	2	ug/g	10	10	26	6	4	<2	<2	<2
F3 (C16 to C34)	20	ug/g	240	240	1700	24	32	<20	<20	74
F4 (C34 to C50)	20	ug/g	120	2800	3300	<20	<20	<20	<20	54
5-alpha-Androstane (surrogate)	1	%				70	73	61	66	67

					Eurofins Sample No :	**8842881**	**8842882**	**8842883**	**8842884**	**8842885**
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-04 SS2	TP25-04 SS3	TP25-05 SS1	TP25-05 SS2	TP25-05 SS3
Petroleum Hydrocarbons	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
PHC F1-BTEX (Soil, Calculation)										
F1 minus BTEX	10	ug/g	25	25	25	<10	<10	<10	<10	<10
PHC F2-Naphthalene (Soil, Calculation)										
F2 minus Naphthalene	2	ug/g				<2	<2	<2	<2	<2
PHC F3-PAH (Soil, Calculation)										
F3 minus PAH	20	ug/g				<20	<20	51	<20	<20
PHCs F1 (Soil, GC-FID)										
F1 (C6 to C10)	10	ug/g	25	25	25	<10	<10	<10	<10	<10
PHCs F2-F4 (Soil, GC-FID)										
F2 (C10 to C16)	2	ug/g	10	10	26	<2	<2	<2	<2	<2
F3 (C16 to C34)	20	ug/g	240	240	1700	<20	<20	51	<20	<20
F4 (C34 to C50)	20	ug/g	120	2800	3300	<20	<20	35	<20	<20
5-alpha-Androstane (surrogate)	1	%				73	62	67	64	72

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OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-07-17

					Eurofins Sample No :	8842886	8842887	8842888	8842889	8842890
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-06 SS2	TP25-07 SS2	TP25-08 SS1	TP25-08 SS2	TP25-09 SS1
Petroleum Hydrocarbons	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
PHC F1-BTEX (Soil, Calculation)										
F1 minus BTEX	10	ug/g	25	25	25	<10	<10	<10	<10	<10
PHC F2-Naphthalene (Soil, Calculation)										
F2 minus Naphthalene	2	ug/g				<2	<2	<2	<2	<2
PHC F3-PAH (Soil, Calculation)										
F3 minus PAH	20	ug/g				<20	<20	<20	<20	<20
PHCs F1 (Soil, GC-FID)										
F1 (C6 to C10)	10	ug/g	25	25	25	<10	<10	<10	<10	<10
PHCs F2-F4 (Soil, GC-FID)										
F2 (C10 to C16)	2	ug/g	10	10	26	<2	<2	<2	<2	<2
F3 (C16 to C34)	20	ug/g	240	240	1700	<20	<20	<20	<20	<20
F4 (C34 to C50)	20	ug/g	120	2800	3300	<20	<20	<20	<20	<20
5-alpha-Androstane (surrogate)	1	%				107	65	64	61	82

					Eurofins Sample No :	8842891	8842892	8842893	8842894	8842895
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-09 SS2	TP25-10 SS1	TP25-11 SS1	DUP-01(TP2 5-04 SS1)	DUP-02(TP2 5-06 SS2)
Petroleum Hydrocarbons	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
PHC F1-BTEX (Soil, Calculation)										
F1 minus BTEX	10	ug/g	25	25	25	<10	20	<10	<10	<10
PHC F2-Naphthalene (Soil, Calculation)										
F2 minus Naphthalene	2	ug/g				<2	14	7	<2	<2
PHC F3-PAH (Soil, Calculation)										
F3 minus PAH	20	ug/g				<20	22	<20	49	<20
PHCs F1 (Soil, GC-FID)										
F1 (C6 to C10)	10	ug/g	25	25	25	<10	20	<10	<10	<10
PHCs F2-F4 (Soil, GC-FID)										
F2 (C10 to C16)	2	ug/g	10	10	26	<2	14	7	<2	<2
F3 (C16 to C34)	20	ug/g	240	240	1700	<20	22	<20	49	<20
F4 (C34 to C50)	20	ug/g	120	2800	3300	<20	<20	<20	50	<20
5-alpha-Androstane (surrogate)	1	%				81	87	75	136	62

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OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-07-17

			Eurofins Sample No :	**8842876**	**8842877**	**8842878**	**8842879**	**8842880**	**8842881**	**8842882**
			Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
			Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
			Client Sample Identification :	TP25-01 SS1	TP25-02 SS1	TP25-03 SS2	TP25-03 SS3	TP25-04 SS1	TP25-04 SS2	TP25-04 SS3
Sample Preparation	**RL**	**Unit**								
Moisture (Soil, Gravimetric)										
Moisture	0.1	%		1.6	18.9	26.8	28.8	17.8	27.3	24.8

			Eurofins Sample No :	**8842883**	**8842884**	**8842885**	**8842886**	**8842887**	**8842888**	**8842889**
			Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
			Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
			Client Sample Identification :	TP25-05 SS1	TP25-05 SS2	TP25-05 SS3	TP25-06 SS2	TP25-07 SS2	TP25-08 SS1	TP25-08 SS2
Sample Preparation	**RL**	**Unit**								
Moisture (Soil, Gravimetric)										
Moisture	0.1	%		14.8	23.9	24.3	26.8	21.1	17.1	26.0

			Eurofins Sample No :	**8842890**	**8842891**	**8842892**	**8842893**	**8842894**	**8842895**	
			Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153	
			Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11	
			Client Sample Identification :	TP25-09 SS1	TP25-09 SS2	TP25-10 SS1	TP25-11 SS1	DUP-01(TP25-04 SS1)	DUP-02(TP25-06 SS2)	
Sample Preparation	**RL**	**Unit**								
Moisture (Soil, Gravimetric)										
Moisture	0.1	%		2.8	26.3	1.7	2.7	16.0	26.1	

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OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-07-17

					Eurofins Sample No :	8842876	8842877	8842878	8842879	8842880
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-01 SS1	TP25-02 SS1	TP25-03 SS2	TP25-03 SS3	TP25-04 SS1
Semivolatile Organic Compounds	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
PAH, O. Reg. 153/04 (Soil, GC/MS)										
1 + 2-Methylnaphthalene	0.05	ug/g	0.59	0.59	8.7	<0.05	<0.05	<0.05	<0.05	<0.05
1-Methylnaphthalene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
2-Methylnaphthalene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	0.05	ug/g	0.072	2.5	15	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	0.05	ug/g	0.093	0.093	0.093	<0.05	<0.05	<0.05	<0.05	<0.05
Anthracene	0.05	ug/g	0.16	0.16	0.16	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)anthracene	0.05	ug/g	0.36	0.5	1	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)pyrene	0.05	ug/g	0.3	0.31	0.7	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(b)fluoranthene	0.05	ug/g	0.47	3.2	7	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(g,h,i)perylene	0.05	ug/g	0.68	6.6	13	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	0.05	ug/g	0.48	3.1	7	<0.05	<0.05	<0.05	<0.05	<0.05
Chrysene	0.05	ug/g	2.8	7	14	<0.05	<0.05	<0.05	<0.05	<0.05
Dibenzo(a,h)anthracene	0.05	ug/g	0.1	0.57	0.7	<0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	0.05	ug/g	0.56	0.69	70	<0.05	<0.05	<0.05	<0.05	<0.05
Fluorene	0.05	ug/g	0.12	6.8	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno(1,2,3-c,d)pyrene	0.05	ug/g	0.23	0.38	0.76	<0.05	<0.05	<0.05	<0.05	<0.05
Naphthalene	0.013	ug/g	0.09	0.2	1.8	<0.013	<0.013	<0.013	<0.013	<0.013
Phenanthrene	0.05	ug/g	0.69	6.2	12	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrene	0.05	ug/g	1	28	70	<0.05	<0.05	<0.05	<0.05	<0.05
p-Terphenyl-d14 (surrogate)	0	%				86	89	98	78	88

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OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-07-17

					Eurofins Sample No :	8842881	8842882	8842883	8842884	8842885
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-04 SS2	TP25-04 SS3	TP25-05 SS1	TP25-05 SS2	TP25-05 SS3
Semivolatile Organic Compounds	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
PAH, O. Reg. 153/04 (Soil, GC/MS)										
1 + 2-Methylnaphthalene	0.05	ug/g	0.59	0.59	8.7	<0.05	<0.05	<0.05	<0.05	<0.05
1-Methylnaphthalene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
2-Methylnaphthalene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	0.05	ug/g	0.072	2.5	15	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	0.05	ug/g	0.093	0.093	0.093	<0.05	<0.05	<0.05	<0.05	<0.05
Anthracene	0.05	ug/g	0.16	0.16	0.16	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)anthracene	0.05	ug/g	0.36	0.5	1	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)pyrene	0.05	ug/g	0.3	0.31	0.7	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(b)fluoranthene	0.05	ug/g	0.47	3.2	7	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(g,h,i)perylene	0.05	ug/g	0.68	6.6	13	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	0.05	ug/g	0.48	3.1	7	<0.05	<0.05	<0.05	<0.05	<0.05
Chrysene	0.05	ug/g	2.8	7	14	<0.05	<0.05	<0.05	<0.05	<0.05
Dibenzo(a,h)anthracene	0.05	ug/g	0.1	0.57	0.7	<0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	0.05	ug/g	0.56	0.69	70	<0.05	<0.05	<0.05	<0.05	<0.05
Fluorene	0.05	ug/g	0.12	6.8	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno(1,2,3-c,d)pyrene	0.05	ug/g	0.23	0.38	0.76	<0.05	<0.05	<0.05	<0.05	<0.05
Naphthalene	0.013	ug/g	0.09	0.2	1.8	<0.013	<0.013	<0.013	<0.013	<0.013
Phenanthrene	0.05	ug/g	0.69	6.2	12	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrene	0.05	ug/g	1	28	70	<0.05	<0.05	<0.05	<0.05	<0.05
p-Terphenyl-d14 (surrogate)	0	%				95	78	80	78	73

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OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-07-17

					Eurofins Sample No :	8842886	8842887	8842888	8842889	8842890
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-06 SS2	TP25-07 SS2	TP25-08 SS1	TP25-08 SS2	TP25-09 SS1
Semivolatile Organic Compounds	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
PAH, O. Reg. 153/04 (Soil, GC/MS)										
1 + 2-Methylnaphthalene	0.05	ug/g	0.59	0.59	8.7	<0.05	<0.05	<0.05	<0.05	<0.05
1-Methylnaphthalene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
2-Methylnaphthalene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	0.05	ug/g	0.072	2.5	15	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	0.05	ug/g	0.093	0.093	0.093	<0.05	<0.05	<0.05	<0.05	<0.05
Anthracene	0.05	ug/g	0.16	0.16	0.16	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)anthracene	0.05	ug/g	0.36	0.5	1	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)pyrene	0.05	ug/g	0.3	0.31	0.7	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(b)fluoranthene	0.05	ug/g	0.47	3.2	7	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(g,h,i)perylene	0.05	ug/g	0.68	6.6	13	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	0.05	ug/g	0.48	3.1	7	<0.05	<0.05	<0.05	<0.05	<0.05
Chrysene	0.05	ug/g	2.8	7	14	<0.05	<0.05	<0.05	<0.05	<0.05
Dibenzo(a,h)anthracene	0.05	ug/g	0.1	0.57	0.7	<0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	0.05	ug/g	0.56	0.69	70	<0.05	<0.05	<0.05	<0.05	<0.05
Fluorene	0.05	ug/g	0.12	6.8	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno(1,2,3-c,d)pyrene	0.05	ug/g	0.23	0.38	0.76	<0.05	<0.05	<0.05	<0.05	<0.05
Naphthalene	0.013	ug/g	0.09	0.2	1.8	<0.013	<0.013	<0.013	<0.013	<0.013
Phenanthrene	0.05	ug/g	0.69	6.2	12	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrene	0.05	ug/g	1	28	70	<0.05	<0.05	<0.05	<0.05	<0.05
p-Terphenyl-d14 (surrogate)	0	%				78	101	84	67	83

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Client : AllRock Consulting Ltd.
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Reception Date: 2025-07-17

					Eurofins Sample No :	8842891	8842892	8842893	8842894	8842895
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-09 SS2	TP25-10 SS1	TP25-11 SS1	DUP-01(TP2 5-04 SS1)	DUP-02(TP2 5-06 SS2)
Semivolatile Organic Compounds	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
PAH, O. Reg. 153/04 (Soil, GC/MS)										
1 + 2-Methylnaphthalene	0.05	ug/g	0.59	0.59	8.7	<0.05	<0.05	<0.05	<0.05	<0.05
1-Methylnaphthalene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
2-Methylnaphthalene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	0.05	ug/g	0.072	2.5	15	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	0.05	ug/g	0.093	0.093	0.093	<0.05	<0.05	<0.05	<0.05	<0.05
Anthracene	0.05	ug/g	0.16	0.16	0.16	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)anthracene	0.05	ug/g	0.36	0.5	1	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)pyrene	0.05	ug/g	0.3	0.31	0.7	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(b)fluoranthene	0.05	ug/g	0.47	3.2	7	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(g,h,i)perylene	0.05	ug/g	0.68	6.6	13	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	0.05	ug/g	0.48	3.1	7	<0.05	<0.05	<0.05	<0.05	<0.05
Chrysene	0.05	ug/g	2.8	7	14	<0.05	<0.05	<0.05	<0.05	<0.05
Dibenzo(a,h)anthracene	0.05	ug/g	0.1	0.57	0.7	<0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	0.05	ug/g	0.56	0.69	70	<0.05	<0.05	<0.05	<0.05	<0.05
Fluorene	0.05	ug/g	0.12	6.8	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno(1,2,3-c,d)pyrene	0.05	ug/g	0.23	0.38	0.76	<0.05	<0.05	<0.05	<0.05	<0.05
Naphthalene	0.013	ug/g	0.09	0.2	1.8	<0.013	<0.013	<0.013	<0.013	<0.013
Phenanthrene	0.05	ug/g	0.69	6.2	12	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrene	0.05	ug/g	1	28	70	<0.05	<0.05	<0.05	<0.05	<0.05
p-Terphenyl-d14 (surrogate)	0	%				83	91	100	93	59

OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
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Reception Date: 2025-07-17

					Eurofins Sample No :	8842876	8842877	8842878	8842879	8842880
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-01 SS1	TP25-02 SS1	TP25-03 SS2	TP25-03 SS3	TP25-04 SS1
Volatile Organic Compounds	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
VOCs, O.Reg. 153/04 (Soil, GC/MS)										
1,1,1,2-Tetrachloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,1-Trichloroethane	0.05	ug/g	0.05	0.11	0.4	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2,2-Tetrachloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2-Trichloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethane	0.05	ug/g	0.05	0.05	0.57	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dibromoethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichlorobenzene	0.05	ug/g	0.05	3.4	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloropropane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichlorobenzene	0.05	ug/g	0.05	0.26	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichloropropene, cis + trans	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,4-Dichlorobenzene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	0.5	ug/g	0.5	0.5	1.8	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	0.0068	ug/g	0.02	0.02	0.034	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068
Bromodichloromethane	0.05	ug/g	0.05	0.05	5.8	<0.05	<0.05	<0.05	<0.05	<0.05
Bromoform	0.05	ug/g	0.05	0.05	2.5	<0.05	<0.05	<0.05	<0.05	<0.05
Bromomethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon tetrachloride	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroform	0.05	ug/g	0.05	0.05	0.26	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1,2-Dichloroethene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1,3-Dichloropropene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Dibromochloromethane	0.05	ug/g	0.05	0.05	5.5	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorodifluoromethane	0.05	ug/g	0.05	1.5	1.8	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloromethane	0.05	ug/g	0.05	0.05	0.2	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	0.018	ug/g	0.05	0.05	1.9	<0.018	<0.018	<0.018	<0.018	<0.018
Hexane	0.05	ug/g	0.05	2.5	2.5	<0.05	<0.05	<0.05	<0.05	<0.05
m/p-Xylene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Methyl ethyl ketone (MEK)	0.5	ug/g	0.5	0.5	26	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl isobutyl ketone (MIBK)	0.5	ug/g	0.5	0.5	17	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl tert-butyl ether (MTBE)	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Monochlorobenzene	0.05	ug/g	0.05	0.083	0.28	<0.05	<0.05	<0.05	<0.05	<0.05
o-Xylene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Styrene	0.05	ug/g	0.05	0.05	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
Tetrachloroethylene (PCE)	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Toluene	0.08	ug/g	0.2	0.2	7.8	<0.08	<0.08	<0.08	<0.08	<0.08
trans-1,2-Dichloroethene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
trans-1,3-Dichloropropene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Trichloroethylene (TCE)	0.01	ug/g	0.05	0.05	0.05	<0.01	<0.01	<0.01	<0.01	<0.01
Trichlorofluoromethane	0.05	ug/g	0.25	0.25	0.46	<0.05	<0.05	<0.05	<0.05	<0.05
Vinyl chloride	0.02	ug/g	0.02	0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Xylene (Total)	0.05	ug/g	0.05	0.091	3	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-dichloroethane-d4 (surrogate)	0	%				85	130	118	107	75
4-bromofluorobenzene (surrogate)	0	%				102	121	119	91	88
Toluene-d8 (surrogate)	0	%				117	117	119	70	93

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OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-07-17

					Eurofins Sample No :	8842881	8842882	8842883	8842884	8842885
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-04 SS2	TP25-04 SS3	TP25-05 SS1	TP25-05 SS2	TP25-05 SS3
Volatile Organic Compounds	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
VOCs, O.Reg. 153/04 (Soil, GC/MS)										
1,1,1,2-Tetrachloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,1-Trichloroethane	0.05	ug/g	0.05	0.11	0.4	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2,2-Tetrachloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2-Trichloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethane	0.05	ug/g	0.05	0.05	0.57	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dibromoethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichlorobenzene	0.05	ug/g	0.05	3.4	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloropropane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichlorobenzene	0.05	ug/g	0.05	0.26	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichloropropene, cis + trans	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,4-Dichlorobenzene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	0.5	ug/g	0.5	0.5	1.8	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	0.0068	ug/g	0.02	0.02	0.034	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068
Bromodichloromethane	0.05	ug/g	0.05	0.05	5.8	<0.05	<0.05	<0.05	<0.05	<0.05
Bromoform	0.05	ug/g	0.05	0.05	2.5	<0.05	<0.05	<0.05	<0.05	<0.05
Bromomethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon tetrachloride	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroform	0.05	ug/g	0.05	0.05	0.26	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1,2-Dichloroethene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1,3-Dichloropropene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Dibromochloromethane	0.05	ug/g	0.05	0.05	5.5	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorodifluoromethane	0.05	ug/g	0.05	1.5	1.8	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloromethane	0.05	ug/g	0.05	0.05	0.2	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	0.018	ug/g	0.05	0.05	1.9	<0.018	<0.018	<0.018	<0.018	<0.018
Hexane	0.05	ug/g	0.05	2.5	2.5	<0.05	<0.05	<0.05	<0.05	<0.05
m/p-Xylene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Methyl ethyl ketone (MEK)	0.5	ug/g	0.5	0.5	26	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl isobutyl ketone (MIBK)	0.5	ug/g	0.5	0.5	17	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl tert-butyl ether (MTBE)	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Monochlorobenzene	0.05	ug/g	0.05	0.083	0.28	<0.05	<0.05	<0.05	<0.05	<0.05
o-Xylene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Styrene	0.05	ug/g	0.05	0.05	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
Tetrachloroethylene (PCE)	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Toluene	0.08	ug/g	0.2	0.2	7.8	<0.08	<0.08	<0.08	<0.08	<0.08
trans-1,2-Dichloroethene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
trans-1,3-Dichloropropene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Trichloroethylene (TCE)	0.01	ug/g	0.05	0.05	0.05	<0.01	<0.01	<0.01	<0.01	<0.01
Trichlorofluoromethane	0.05	ug/g	0.25	0.25	0.46	<0.05	<0.05	<0.05	<0.05	<0.05
Vinyl chloride	0.02	ug/g	0.02	0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Xylene (Total)	0.05	ug/g	0.05	0.091	3	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-dichloroethane-d4 (surrogate)	0	%				130	118	110	130	85
4-bromofluorobenzene (surrogate)	0	%				121	119	115	121	102
Toluene-d8 (surrogate)	0	%				111	130	117	117	117

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OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-07-17

					Eurofins Sample No :	8842886	8842887	8842888	8842889	8842890
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-06 SS2	TP25-07 SS2	TP25-08 SS1	TP25-08 SS2	TP25-09 SS1
Volatile Organic Compounds	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
VOCs, O.Reg. 153/04 (Soil, GC/MS)										
1,1,1,2-Tetrachloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,1-Trichloroethane	0.05	ug/g	0.05	0.11	0.4	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2,2-Tetrachloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2-Trichloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethane	0.05	ug/g	0.05	0.05	0.57	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dibromoethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichlorobenzene	0.05	ug/g	0.05	3.4	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloropropane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichlorobenzene	0.05	ug/g	0.05	0.26	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichloropropene, cis + trans	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,4-Dichlorobenzene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	0.5	ug/g	0.5	0.5	1.8	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	0.0068	ug/g	0.02	0.02	0.034	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068
Bromodichloromethane	0.05	ug/g	0.05	0.05	5.8	<0.05	<0.05	<0.05	<0.05	<0.05
Bromoform	0.05	ug/g	0.05	0.05	2.5	<0.05	<0.05	<0.05	<0.05	<0.05
Bromomethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon tetrachloride	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroform	0.05	ug/g	0.05	0.05	0.26	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1,2-Dichloroethene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1,3-Dichloropropene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Dibromochloromethane	0.05	ug/g	0.05	0.05	5.5	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorodifluoromethane	0.05	ug/g	0.05	1.5	1.8	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloromethane	0.05	ug/g	0.05	0.05	0.2	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	0.018	ug/g	0.05	0.05	1.9	<0.018	<0.018	<0.018	<0.018	<0.018
Hexane	0.05	ug/g	0.05	2.5	2.5	<0.05	<0.05	<0.05	<0.05	<0.05
m/p-Xylene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Methyl ethyl ketone (MEK)	0.5	ug/g	0.5	0.5	26	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl isobutyl ketone (MIBK)	0.5	ug/g	0.5	0.5	17	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl tert-butyl ether (MTBE)	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Monochlorobenzene	0.05	ug/g	0.05	0.083	0.28	<0.05	<0.05	<0.05	<0.05	<0.05
o-Xylene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Styrene	0.05	ug/g	0.05	0.05	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
Tetrachloroethylene (PCE)	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Toluene	0.08	ug/g	0.2	0.2	7.8	<0.08	<0.08	<0.08	<0.08	<0.08
trans-1,2-Dichloroethene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
trans-1,3-Dichloropropene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Trichloroethylene (TCE)	0.01	ug/g	0.05	0.05	0.05	<0.01	<0.01	<0.01	<0.01	<0.01
Trichlorofluoromethane	0.05	ug/g	0.25	0.25	0.46	<0.05	<0.05	<0.05	<0.05	<0.05
Vinyl chloride	0.02	ug/g	0.02	0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Xylene (Total)	0.05	ug/g	0.05	0.091	3	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-dichloroethane-d4 (surrogate)	0	%				96	114	115	114	96
4-bromofluorobenzene (surrogate)	0	%				85	112	116	118	85
Toluene-d8 (surrogate)	0	%				73	117	117	109	77

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OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-07-17

					Eurofins Sample No :	8842891	8842892	8842893	8842894	8842895
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-07-11	2025-07-11	2025-07-11	2025-07-11	2025-07-11
					Client Sample Identification :	TP25-09 SS2	TP25-10 SS1	TP25-11 SS1	DUP-01(TP2 5-04 SS1)	DUP-02(TP2 5-06 SS2)
Volatile Organic Compounds	**RL**	**Unit**	**Criteria A**	**Criteria B**	**Criteria C**					
VOCs, O.Reg. 153/04 (Soil, GC/MS)										
1,1,1,2-Tetrachloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,1-Trichloroethane	0.05	ug/g	0.05	0.11	0.4	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2,2-Tetrachloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2-Trichloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethane	0.05	ug/g	0.05	0.05	0.57	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dibromoethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichlorobenzene	0.05	ug/g	0.05	3.4	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloroethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloropropane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichlorobenzene	0.05	ug/g	0.05	0.26	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichloropropene, cis + trans	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,4-Dichlorobenzene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	0.5	ug/g	0.5	0.5	1.8	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	0.0068	ug/g	0.02	0.02	0.034	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068
Bromodichloromethane	0.05	ug/g	0.05	0.05	5.8	<0.05	<0.05	<0.05	<0.05	<0.05
Bromoform	0.05	ug/g	0.05	0.05	2.5	<0.05	<0.05	<0.05	<0.05	<0.05
Bromomethane	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon tetrachloride	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroform	0.05	ug/g	0.05	0.05	0.26	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1,2-Dichloroethene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1,3-Dichloropropene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Dibromochloromethane	0.05	ug/g	0.05	0.05	5.5	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorodifluoromethane	0.05	ug/g	0.05	1.5	1.8	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloromethane	0.05	ug/g	0.05	0.05	0.2	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	0.018	ug/g	0.05	0.05	1.9	<0.018	<0.018	<0.018	<0.018	<0.018
Hexane	0.05	ug/g	0.05	2.5	2.5	<0.05	<0.05	<0.05	<0.05	<0.05
m/p-Xylene	0.05	ug/g				<0.05	0.12	<0.05	<0.05	<0.05
Methyl ethyl ketone (MEK)	0.5	ug/g	0.5	0.5	26	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl isobutyl ketone (MIBK)	0.5	ug/g	0.5	0.5	17	<0.5	<0.5	<0.5	<0.5	<0.5
Methyl tert-butyl ether (MTBE)	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Monochlorobenzene	0.05	ug/g	0.05	0.083	0.28	<0.05	<0.05	<0.05	<0.05	<0.05
o-Xylene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Styrene	0.05	ug/g	0.05	0.05	6.8	<0.05	<0.05	<0.05	<0.05	<0.05
Tetrachloroethylene (PCE)	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Toluene	0.08	ug/g	0.2	0.2	7.8	<0.08	<0.08	<0.08	<0.08	<0.08
trans-1,2-Dichloroethene	0.05	ug/g	0.05	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
trans-1,3-Dichloropropene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Trichloroethylene (TCE)	0.01	ug/g	0.05	0.05	0.05	<0.01	<0.01	<0.01	<0.01	<0.01
Trichlorofluoromethane	0.05	ug/g	0.25	0.25	0.46	<0.05	<0.05	<0.05	<0.05	<0.05
Vinyl chloride	0.02	ug/g	0.02	0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Xylene (Total)	0.05	ug/g	0.05	0.091	3	<0.05	0.12	<0.05	<0.05	<0.05
1,2-dichloroethane-d4 (surrogate)	0	%				112	114	96	121	115
4-bromofluorobenzene (surrogate)	0	%				113	105	121	115	117
Toluene-d8 (surrogate)	0	%				111	119	111	116	109

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OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-07-17

Approved by :
Patrick Jacques, B.Sc, C.Chem,
Environmental Chemist, Ottawa

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OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-07-17

Parameter	Unit	RL	Blank	QC		Matrix Spike		Duplicate	
				Recovery %	Range %	Recovery %	Range %	RPD %	Range %
Boron, HWS (Soil, OES)									
Method : Boron, hot water soluble (Soil, ICP/OES). Internal method: AMEBORE2.									
Boron (Hot Water Soluble)	ug/g	0.25	<0.25	101	68-132	110	70-130	-	0-40
Associated Samples : 8842876, 8842877, 8842878, 8842879, 8842880, 8842881, 8842882, 8842883, 8842884, 8842885, 8842886, 8842887, 8842888, 8842889, 8842890								Prep Date: 2025-07-18 Analysis Date: 2025-07-18	
Method : Boron, hot water soluble (Soil, ICP/OES). Internal method: AMEBORE2.									
Boron (Hot Water Soluble)	ug/g	0.25	<0.25	93	68-132	112	70-130	-	0-40
Associated Samples : 8842891, 8842892, 8842893, 8842894, 8842895								Prep Date: 2025-07-18 Analysis Date: 2025-07-18	
Conductivity (Soil, Manual Meter)									
Method : Conductivity (soil, manual meter). Internal method: AMPHCNX2.									
Electrical Conductivity	mS/cm	0.05	<0.05	100	72-128			-	0-40
Associated Samples : 8842876, 8842877, 8842878, 8842879, 8842880, 8842881, 8842882, 8842883, 8842884, 8842885, 8842886, 8842887, 8842888, 8842889, 8842890, 8842891, 8842892, 8842893								Prep Date: 2025-07-21 Analysis Date: 2025-07-21	
Method : Conductivity (soil, manual meter). Internal method: AMPHCNX2.									
Electrical Conductivity	mS/cm	0.05	<0.05	100	72-128			-	0-40
Associated Samples : 8842894, 8842895								Prep Date: 2025-07-21 Analysis Date: 2025-07-21	
Cyanide, Free (Soil, Colorimetry)									
Method : Cyanide (Soil, Colorimetry). Internal method: OTT-I-CN-WI46209.									
Cyanide (Free)	ug/g	0.005	<0.005	92	77-122	95	70-130	-	0-20
Associated Samples : 8842876, 8842877, 8842878, 8842879, 8842880, 8842881, 8842882, 8842883, 8842884, 8842885, 8842886, 8842887, 8842888, 8842889, 8842890, 8842891, 8842892, 8842893								Prep Date: 2025-07-22 Analysis Date: 2025-07-22	
Method : Cyanide (Soil, Colorimetry). Internal method: OTT-I-CN-WI46209.									
Cyanide (Free)	ug/g	0.005	<0.005	92	77-122	96	70-130	-	0-20
Associated Samples : 8842894, 8842895								Prep Date: 2025-07-22 Analysis Date: 2025-07-22	
Hexavalent Chromium (Soil, IC)									
Method : Chromium, Hexavalent (Solids, IC). Internal method: OTT-I-IC-WI69883.									
Hexavalent Chromium	ug/g	0.2	<0.2	115	67-134	97	70-130	-	0-35
Associated Samples : 8842876, 8842877, 8842878, 8842879, 8842880, 8842881, 8842882, 8842883, 8842884, 8842885, 8842886, 8842887, 8842888, 8842889, 8842890, 8842891, 8842892								Prep Date: 2025-07-23 Analysis Date: 2025-07-23	
Method : Chromium, Hexavalent (Solids, IC). Internal method: OTT-I-IC-WI69883.									
Hexavalent Chromium	ug/g	0.2	<0.2	126	67-134	85	70-130	-	0-35
Associated Samples : 8842893, 8842894, 8842895								Prep Date: 2025-07-24 Analysis Date: 2025-07-24	

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OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-07-17

Parameter	Unit	RL	Blank	QC		Matrix Spike		Duplicate	
				Recovery %	Range %	Recovery %	Range %	RPD %	Range %
Metals Scan (Soil, ICP/MS)									
Method : Metals (Soil, Digested, ICP/MS). Internal method: OTT-I-MET-WI48349.									
Antimony	ug/g	1	<1	65	0-100	90	70-130	-	0-30
Arsenic	ug/g	1	<1	84	66-100	110	70-130	-	0-30
Barium	ug/g	1	<1	97	74-107			3	0-30
Beryllium	ug/g	1	<1	91	73-104	110	70-130	-	0-30
Boron	ug/g	5	<5	72	47-100	120	70-130	-	0-30
Cadmium	ug/g	0.4	<0.4	96	71-102	115	70-130	-	0-30
Chromium	ug/g	1	<1	100	72-105			5	0-30
Cobalt	ug/g	1	<1	96	73-104	120	70-130	0	0-30
Copper	ug/g	1	<1	97	73-104	120	70-130	3	0-30
Lead	ug/g	1	<1	92	76-109	110	70-130	0	0-30
Mercury	ug/g	0.1	<0.1	80	56-110	100	70-130	-	0-30
Molybdenum	ug/g	1	<1	87	68-103	120	70-130	-	0-30
Nickel	ug/g	1	<1	96	72-103	110	70-130	3	0-30
Selenium	ug/g	0.5	<0.5	101	70-108	104	70-130	-	0-30
Silver	ug/g	0.2	<0.2	109	73-111			-	0-30
Thallium	ug/g	1	<1	93	72-107	100	70-130	-	0-30
Uranium	ug/g	0.5	<0.5	91	72-119	105	70-130	-	0-30
Vanadium	ug/g	2	<2	95	69-108			1	0-30
Zinc	ug/g	2	<2	103	70-107	130	70-130	1	0-30
Associated Samples : 8842876, 8842877, 8842878, 8842879, 8842880, 8842881, 8842882, 8842883, 8842884, 8842885, 8842886, 8842887, 8842888, 8842889, 8842890, 8842891, 8842892, 8842893, 8842894, 8842895								Prep Date: 2025-07-22 Analysis Date: 2025-07-22	
PAH, O. Reg. 153/04 (Soil, GC/MS)									
Method : Semi-volatile organic compounds (Soil, GC/MS). Internal method: OTT-O-SEMI-WI45239.									
1 + 2-Methylnaphthalene	ug/g	0.05	<0.05	60	50-140		-	-	0-50
1-Methylnaphthalene	ug/g	0.05	<0.05	55	50-140	51	50-140	-	0-50
2-Methylnaphthalene	ug/g	0.05	<0.05	64	50-140	58	50-140	-	0-50
Acenaphthene	ug/g	0.05	<0.05	71	50-140	65	50-140	-	0-50
Acenaphthylene	ug/g	0.05	<0.05	70	50-140	64	50-140	-	0-50
Anthracene	ug/g	0.05	<0.05	79	50-140	71	50-140	-	0-50
Benzo(a)anthracene	ug/g	0.05	<0.05	79	50-140	66	50-140	-	0-50
Benzo(a)pyrene	ug/g	0.05	<0.05	66	50-140	71	50-140	-	0-50
Benzo(b)fluoranthene	ug/g	0.05	<0.05	89	50-140	66	50-140	-	0-50
Benzo(g,h,i)perylene	ug/g	0.05	<0.05	53	50-140	52	50-140	-	0-50
Benzo(k)fluoranthene	ug/g	0.05	<0.05	94	50-140	73	50-140	-	0-50
Chrysene	ug/g	0.05	<0.05	77	50-140	67	50-140	-	0-50
Dibenzo(a,h)anthracene	ug/g	0.05	<0.05	55	50-140	57	50-140	-	0-50
Fluoranthene	ug/g	0.05	<0.05	85	50-140	73	50-140	-	0-50
Fluorene	ug/g	0.05	<0.05	71	50-140	61	50-140	-	0-50
Indeno(1,2,3-c,d)pyrene	ug/g	0.05	<0.05	55	50-140	53	50-140	-	0-50
Naphthalene	ug/g	0.013	<0.013	69	50-140	63	50-140	-	0-50
Phenanthrene	ug/g	0.05	<0.05	75	50-140	66	50-140	-	0-50
Pyrene	ug/g	0.05	<0.05	84	50-140	73	50-140	-	0-50
Associated Samples : 8842876, 8842877, 8842878, 8842879, 8842880, 8842881, 8842882, 8842883, 8842884, 8842885, 8842886, 8842887, 8842888, 8842889, 8842890, 8842891, 8842892, 8842893, 8842894, 8842895								Prep Date: 2025-07-18 Analysis Date: 2025-07-21	

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OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-07-17

Parameter	Unit	RL	Blank	QC		Matrix Spike		Duplicate	
				Recovery %	Range %	Recovery %	Range %	RPD %	Range %
pH (Soil, 1:2 CaCl2, Manual Meter)									
Method : pH (soil, 1:2 CaCl2, Manual meter). Internal method: AMPHCNX2.									
pH (1:2 CaCl2)		1	7.91	102	97-103			2	0-40
Associated Samples : 8842876, 8842877, 8842878, 8842879, 8842880, 8842881, 8842882, 8842883, 8842884, 8842885, 8842886, 8842887, 8842888, 8842889, 8842890, 8842891, 8842892, 8842893								Prep Date: 2025-07-22 Analysis Date: 2025-07-23	
Method : pH (soil, 1:2 CaCl2, Manual meter). Internal method: AMPHCNX2.									
pH (1:2 CaCl2)		1	7.91	102	97-103			2	0-40
Associated Samples : 8842894, 8842895								Prep Date: 2025-07-22 Analysis Date: 2025-07-23	
PHCs F1 (Soil, GC-FID)									
Method : Petroleum Hydrocarbons (Soil, GC-FID). Internal method: OTT-O-PHC-WI45386.									
F1 (C6 to C10)	ug/g	10	<10	98	70-130	112	70-130	-	0-30
Associated Samples : 8842876, 8842877, 8842878, 8842879, 8842880, 8842881, 8842882, 8842883, 8842884, 8842885, 8842886								Prep Date: 2025-07-18 Analysis Date: 2025-07-23	
Method : Petroleum Hydrocarbons (Soil, GC-FID). Internal method: OTT-O-PHC-WI45386.									
F1 (C6 to C10)	ug/g	10	<10	98	70-130	88	70-130	-	0-30
Associated Samples : 8842887, 8842888, 8842889, 8842890, 8842891, 8842892, 8842893, 8842894, 8842895								Prep Date: 2025-07-21 Analysis Date: 2025-07-23	
PHCs F2-F4 (Soil, GC-FID)									
Method : Petroleum Hydrocarbons (Soil, GC-FID). Internal method: OTT-O-PHC-WI45386.									
F2 (C10 to C16)	ug/g	2	<2	104	80-120	65	60-140	-	0-30
F3 (C16 to C34)	ug/g	20	<20	104	80-120	65	60-140	-	0-30
F4 (C34 to C50)	ug/g	20	<20	104	80-120	-	60-140	-	0-30
Associated Samples : 8842876, 8842877, 8842878, 8842879, 8842880, 8842881, 8842882, 8842883, 8842884, 8842885, 8842886, 8842887, 8842888, 8842889, 8842890, 8842891, 8842892, 8842893, 8842894, 8842895								Prep Date: 2025-07-18 Analysis Date: 2025-07-24	

OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-07-17

Parameter	Unit	RL	Blank	QC		Matrix Spike		Duplicate	
				Recovery %	Range %	Recovery %	Range %	RPD %	Range %
VOCs, O.Reg. 153/04 (Soil, GC/MS)									
Method : Volatile Organic Compounds (Soil, GC/MS). Internal method: AMVOMSE8.									
1,1,1,2-Tetrachloroethane	ug/g	0.05	<0.05	99	70-130	89	70-130	-	0-30
1,1,1-Trichloroethane	ug/g	0.05	<0.05	81	70-130	76	70-130	-	0-30
1,1,2,2-Tetrachloroethane	ug/g	0.05	<0.05	86	70-130	89	70-130	-	0-30
1,1,2-Trichloroethane	ug/g	0.05	<0.05	110	70-130	92	70-130	-	0-30
1,1-Dichloroethane	ug/g	0.05	<0.05	124	70-130	123	70-130	-	0-30
1,1-Dichloroethene	ug/g	0.05	<0.05	95	70-130	86	70-130	-	0-30
1,2-Dibromoethane	ug/g	0.05	<0.05	109	70-130	73	70-130	-	0-30
1,2-Dichlorobenzene	ug/g	0.05	<0.05	105	70-130	97	70-130	-	0-30
1,2-Dichloroethane	ug/g	0.05	<0.05	113	70-130	102	70-130	-	0-30
1,2-Dichloropropane	ug/g	0.05	<0.05	109	70-130	110	70-130	-	0-30
1,3-Dichlorobenzene	ug/g	0.05	<0.05	105	70-130	97	70-130	-	0-30
1,3-Dichloropropene, cis + trans	ug/g	0.05	<0.05				-		-
1,4-Dichlorobenzene	ug/g	0.05	<0.05	106	70-130	98	70-130	-	0-30
Acetone	ug/g	0.5	<0.5	94	70-130	79	70-130	-	0-30
Benzene	ug/g	0.0068	<0.0068	115	70-130	124	70-130	-	0-30
Bromodichloromethane	ug/g	0.05	<0.05	113	70-130	117	70-130	-	0-30
Bromoform	ug/g	0.05	<0.05	87	70-130	81	70-130	-	0-30
Bromomethane	ug/g	0.05	<0.05	89	70-130	81	70-130	-	0-30
Carbon tetrachloride	ug/g	0.05	<0.05	116	70-130	92	70-130	-	0-30
Chloroform	ug/g	0.05	<0.05	106	70-130	121	70-130	-	0-30
cis-1,2-Dichloroethene	ug/g	0.05	<0.05	126	70-130	118	70-130	-	0-30
cis-1,3-Dichloropropene	ug/g	0.05	<0.05	119	70-130	110	70-130	-	0-30
Dibromochloromethane	ug/g	0.05	<0.05	101	70-130	96	70-130	-	0-30
Dichlorodifluoromethane	ug/g	0.05	<0.05	75	70-130	106	70-130		-
Dichloromethane	ug/g	0.05	<0.05	111	70-130	109	70-130	-	0-30
Ethylbenzene	ug/g	0.018	<0.018	118	70-130	106	70-130	-	0-30
Hexane	ug/g	0.05	<0.05	112	70-130	130	70-130	-	0-30
m/p-Xylene	ug/g	0.05	<0.05	108	70-130	98	70-130	-	0-30
Methyl ethyl ketone (MEK)	ug/g	0.5	<0.5	116	70-130	116	70-130	-	0-30
Methyl isobutyl ketone (MIBK)	ug/g	0.5	<0.5	108	70-130	100	70-130	-	0-30
Methyl tert-butyl ether (MTBE)	ug/g	0.05	<0.05	126	70-130	118	70-130	-	0-30
Monochlorobenzene	ug/g	0.05	<0.05	115	70-130	105	70-130	-	0-30
o-Xylene	ug/g	0.05	<0.05	112	70-130	100	70-130	-	0-30
Styrene	ug/g	0.05	<0.05	108	70-130	98	70-130	-	0-30
Tetrachloroethylene (PCE)	ug/g	0.05	<0.05	82	70-130	93	70-130	-	0-30
Toluene	ug/g	0.08	<0.08	119	70-130	102	70-130	-	0-30
trans-1,2-Dichloroethene	ug/g	0.05	<0.05	123	70-130	110	70-130	-	0-30
trans-1,3-Dichloropropene	ug/g	0.05	<0.05	122	70-130	103	70-130	-	0-30
Trichloroethylene (TCE)	ug/g	0.01	<0.01	116	70-130	102	70-130	-	0-30
Trichlorofluoromethane	ug/g	0.05	<0.05	104	70-130	87	70-130	-	0-30
Vinyl chloride	ug/g	0.02	<0.02	81	70-130	72	70-130	-	0-30
Xylene (Total)	ug/g	0.05	<0.05				-		-
Associated Samples : 8842876, 8842877, 8842878, 8842879, 8842880, 8842881, 8842882, 8842883, 8842884, 8842885, 8842886								Prep Date: 2025-07-18 Analysis Date: 2025-07-23	
Method : Volatile Organic Compounds (Soil, GC/MS). Internal method: AMVOMSE8.									
1,1,1,2-Tetrachloroethane	ug/g	0.05	<0.05	99	70-130	89	70-130	-	0-30
1,1,1-Trichloroethane	ug/g	0.05	<0.05	81	70-130	76	70-130	-	0-30

OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-07-17

Parameter	Unit	RL	Blank	QC		Matrix Spike		Duplicate	
				Recovery %	Range %	Recovery %	Range %	RPD %	Range %
VOCs, O.Reg. 153/04 (Soil, GC/MS)									
Method : Volatile Organic Compounds (Soil, GC/MS). Internal method: AMVOMSE8.									
1,1,2,2-Tetrachloroethane	ug/g	0.05	<0.05	86	70-130	89	70-130	-	0-30
1,1,2-Trichloroethane	ug/g	0.05	<0.05	110	70-130	92	70-130	-	0-30
1,1-Dichloroethane	ug/g	0.05	<0.05	124	70-130	123	70-130	-	0-30
1,1-Dichloroethene	ug/g	0.05	<0.05	95	70-130	86	70-130	-	0-30
1,2-Dibromoethane	ug/g	0.05	<0.05	109	70-130	73	70-130	-	0-30
1,2-Dichlorobenzene	ug/g	0.05	<0.05	105	70-130	97	70-130	-	0-30
1,2-Dichloroethane	ug/g	0.05	<0.05	113	70-130	102	70-130	-	0-30
1,2-Dichloropropane	ug/g	0.05	<0.05	109	70-130	110	70-130	-	0-30
1,3-Dichlorobenzene	ug/g	0.05	<0.05	105	70-130	97	70-130	-	0-30
1,3-Dichloropropene, cis + trans	ug/g	0.05	<0.05				-		-
1,4-Dichlorobenzene	ug/g	0.05	<0.05	106	70-130	98	70-130	-	0-30
Acetone	ug/g	0.5	<0.5	94	70-130	79	70-130	-	0-30
Benzene	ug/g	0.0068	<0.0068	115	70-130	124	70-130	-	0-30
Bromodichloromethane	ug/g	0.05	<0.05	113	70-130	117	70-130	-	0-30
Bromoform	ug/g	0.05	<0.05	87	70-130	81	70-130	-	0-30
Bromomethane	ug/g	0.05	<0.05	89	70-130	81	70-130	-	0-30
Carbon tetrachloride	ug/g	0.05	<0.05	116	70-130	92	70-130	-	0-30
Chloroform	ug/g	0.05	<0.05	106	70-130	121	70-130	-	0-30
cis-1,2-Dichloroethene	ug/g	0.05	<0.05	126	70-130	118	70-130	-	0-30
cis-1,3-Dichloropropene	ug/g	0.05	<0.05	119	70-130	110	70-130	-	0-30
Dibromochloromethane	ug/g	0.05	<0.05	101	70-130	96	70-130	-	0-30
Dichlorodifluoromethane	ug/g	0.05	<0.05	75	70-130	116	70-130		-
Dichloromethane	ug/g	0.05	<0.05	111	70-130	109	70-130	-	0-30
Ethylbenzene	ug/g	0.018	<0.018	118	70-130	106	70-130	-	0-30
Hexane	ug/g	0.05	<0.05	112	70-130	130	70-130	-	0-30
m/p-Xylene	ug/g	0.05	<0.05	108	70-130	98	70-130	-	0-30
Methyl ethyl ketone (MEK)	ug/g	0.5	<0.5	116	70-130	116	70-130	-	0-30
Methyl isobutyl ketone (MIBK)	ug/g	0.5	<0.5	108	70-130	100	70-130	-	0-30
Methyl tert-butyl ether (MTBE)	ug/g	0.05	<0.05	126	70-130	118	70-130	-	0-30
Monochlorobenzene	ug/g	0.05	<0.05	115	70-130	105	70-130	-	0-30
o-Xylene	ug/g	0.05	<0.05	112	70-130	100	70-130	-	0-30
Styrene	ug/g	0.05	<0.05	108	70-130	98	70-130	-	0-30
Tetrachloroethylene (PCE)	ug/g	0.05	<0.05	82	70-130	93	70-130	-	0-30
Toluene	ug/g	0.08	<0.08	119	70-130	102	70-130	-	0-30
trans-1,2-Dichloroethene	ug/g	0.05	<0.05	123	70-130	110	70-130	-	0-30
trans-1,3-Dichloropropene	ug/g	0.05	<0.05	122	70-130	103	70-130	-	0-30
Trichloroethylene (TCE)	ug/g	0.01	<0.01	116	70-130	102	70-130	-	0-30
Trichlorofluoromethane	ug/g	0.05	<0.05	104	70-130	87	70-130	-	0-30
Vinyl chloride	ug/g	0.02	<0.02	81	70-130	72	70-130	-	0-30
Xylene (Total)	ug/g	0.05	<0.05				-		-

Associated Samples : 8842887, 8842888, 8842889, 8842890, 8842891, 8842892, 8842893, 8842894, 8842895

Prep Date: 2025-07-21
Analysis Date: 2025-07-23

Where RPD % is reported as "-" the calculation is not available because one or both of the duplicates is within 5 times the RL.

Notes:

1) The laboratory method complies with CCME Tier 1 reference method for PHC in soil. It is validated for laboratory use.
2) Where the F1 fraction (C6 to C10) and BTEX are both measured, F1-BTEX is reported.
3) Where the F2 fraction (C10 to C16) and naphthalene are both measured, F2-naphthalene is reported.
4) Where the F3 fraction (C16 to C34) and PAHs* are both measured, F3-PAH is reported.
5) F4G is analyzed if the chromatogram does not descend to baseline before C50. Where F4 (C34 to C50) and F4G are both reported, the higher result is compared to the standard.
6) Unless otherwise stated in the sample comments, the following criteria have been met where applicable:
   - nC6 and nC10 response factors within 30% of response factor for toluene;
   - nC10, nC16, and nC34 response factors within 10% of each other;
   - C50 response factors within 70% of nC10 + nC16 + nC34 average; and,
   - Linearity is within 15%.
7) Unless otherwise stated in the sample comments, sampling requirements and analytical holding times have been met.
8) Gravimetric heavy hydrocarbons (F4G) cannot be added to the C6 and C50 hydrocarbons.
9) *PAHs = phenanthrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-c,d)pyrene and pyrene.
10) Where F4G-sg is reported, the F4G extract has been cleaned with silica gel.

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STANDARD CHAIN-OF-CUSTODY

Eurofins Workorder #:

146 Colonnade Road, Unit #8, Ottawa, ON, K2E 7Y1 - Phone: 613-727-5692, Fax: 613-727-5222

CLIENT INFORMATION

Company:	AllRock Consulting
Contact:	Nathan Martin
Address:	174 Colonnade Road South, Unit #35, Ottawa, ON
Telephone:	613-371-3442
Cell:	
Email: #1:	nathan.martin@allrockconsulting.com
Email: #2:	
Project:	25191
Quote #:	

INVOICE INFORMATION (SAME AS CLIENT INFORMATION: YES ☒ NO ☐)

Company:	
Fax:	
Contact:	
Email: #1:	
Address:	
Email: #2:	
Telephone:	
PO #:	

TURN-AROUND TIME (Business Days)

☐ 1 Day* (100%) ☐ 2 Day** (50%) ☐ 3-5 Days (25%) ☑ 5-7 Days (Standard)

Please contact Lab in advance to determine rush availability.

*For results reported after rush due date, surcharges will apply: before 12:00 - 100%, after 12:00 - 50%.

**For results reported after rush due date, surcharges will apply: before 12:00 - 50%, after 12:00 - 25%.

REGULATION/GUIDELINE REQUIRED

☐ Sanitary Sewer, City: ____

☐ (

☐ (

☐ P

☐ O

☐ Ot

100371567

Printed On : 2025-07-17 15:27:07

☐ O. Reg 153

The sample results from this submission will form part of a formal Record of Site Condition (RSC) under O.Reg. 153/04. Analysis of full paramter list only Yes ☐ No ☐

Table # ____, Coarse / Fine, Surface / subsurface

Type: Com-Ind / Res-Park / Agri / GW / All Other / Sediment

☑ O. Reg 406 Excess Soils

Table # 1 RP ☒ Full depth/Strat/Ceiling/mSPLP Leachate

Type: Com-Ind /Res-Park /Agri/All Other

Category: Surface /Subsurface

The optimal temperature conditions during transport should be less than 10°C. Sample(s) cannot be frozen, unless otherwise indicated or agreed upon with the Laboratory. Note that this COC is not to be used for drinking water samples. The COC must be complete upon submission of the samples, there will be a $25 surcharge if required information is missing (required fields are shaded in grey).

Sample Details

Field Filtered -->

Sample ID	Date/Time Collected	Sample Matrix	# of Containers	PHC F1 - F4	BTEX	VOCs	PAHs	PCBs	Metals + Inorganic	Metals only	RN# (Lab Use Only)
				O.Reg.153 parameters							
TP25-01 SS1	July 11, 2025	S	4	✓	✓	✓	✓		✓		8842876
TP25-02 SS1	July 11, 2025	S	4	✓	✓	✓	✓		✓		77
TP25-03 SS2	July 11, 2025	S	4	✓	✓	✓	✓		✓		78
TP25-03 SS3	July 11, 2025	S	4	✓	✓	✓	✓		✓		79
TP25-04 SS1	July 11, 2025	S	4	✓	✓	✓	✓		✓		80
TP25-04 SS2	July 11, 2025	S	4	✓	✓	✓	✓		✓		81
TP25-04 SS3	July 11, 2025	S	4	✓	✓	✓	✓		✓		82
TP25-05 SS1	July 11, 2025	S	4	✓	✓	✓	✓		✓		83
TP25-05 SS2	July 11, 2025	S	4	✓	✓	✓	✓		✓		84
TP25-05 SS3	July 11, 2025	S	4	✓	✓	✓	✓		✓		85

	PRINT	SIGN	DATE/TIME	TEMP (°C)
Sampled By:	Nathan Martin	[signature]	July 11, 2025	
Relinquished By:	Nathan Martin	[signature]	July 17, 2025	
Received By:	Maksym Pyetrovic	[signature]	July 17, 2025 14:14	9.7°C

COMMENTS:

CUSTODY SEAL: ☐ YES ☐ NO Ice packs submit ☐ Yes ☐ No

401 Magnetic Drive, Unit #1, North York, ON, M3J 3H9 - Telephone: 416-661-5287 • 380 Vansickle Road, Unit #630, St. Catharines, ON, L2S 0B5 - Telephone: 905-680-8887 • 608 Norris Court, Kingston, ON, K7P 2R9 - Telephone: 613-634-9307

AFSTDCOC.8

Copies: White - Laboratory, Yellow - Sampler

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STANDARD CHAIN-OF-CUSTODY

146 Colonnade Road, Unit #8, Ottawa, ON, K2E 7Y1 - Phone: 613-727-5692, Fax: 613-727-5222

Eurofins Workorder #: _____

CLIENT INFORMATION

Company:	AllRock Consulting		
Contact:	Nathan Martin		
Address:	174 Colonnade Road South, Unit #35, Ottawa, ON		
Telephone:	613-371-3442	Cell:	
Email: #1:	nathan.martin@allrockconsulting.com		
Email: #2:			
Project:	25191	Quote #:	

INVOICE INFORMATION (SAME AS CLIENT INFORMATION: YES ■ NO ☐)

Company:	Fax:
Contact:	Email: #1:
Address:	Email: #2:
Telephone:	PO #:

TURN-AROUND TIME (Business Days)

☐ 1 Day* (100%) ☐ 2 Day** (50%) ☐ 3-5 Days (25%) ☑ 5-7 Days (Standard)

Please contact Lab in advance to determine rush availability.

*For results reported after rush due date, surcharges will apply: before 12:00 - 100%, after 12:00 - 50%.

**For results reported after rush due date, surcharges will apply: before 12:00 - 50%, after 12:00 - 25%.

REGULATION/GUIDELINE REQUIRED

☐ Sanitary Sewer, City: _____

☐ Storm Sewer, City: _____

☐ ODWSOG (Use DW CoC if analyzing drinking water)

☐ PWQO

☐ O.Reg 347

☐ Other: _____

☐ O. Reg 153

The sample results from this submission will form part of a formal Record of Site Condition (RSC) under O.Reg. 153/04. Analysis of full paramter list only Yes ☐ No ☐

Table # ____ Coarse / Fine, Surface / subsurface

Type: Com-Ind / Res-Park / Agri / GW / All Other / Sediment

☑ O. Reg 406 Excess Soils

Table # 1 RA Full depth/Strat/Ceiling/mSPLP Leachate

Type: Com-Ind /Res-Park /Agri/All Other

Category: Surface /Subsurface

The optimal temperature conditions during transport should be less than 10°C. Sample(s) cannot be frozen, unless otherwise indicated or agreed upon with the Laboratory. Note that this COC is not to be used for drinking water samples. The COC must be complete upon submission of the samples, there will be a $25 surcharge if required information is missing (required fields are shaded in grey).

Sample Details

Sample ID	Date/Time Collected	Sample Matrix	# of Containers	O.Reg.153 parameters: PHC F1 - F4	BTEX	VOCs	PAHs	PCBs	Metals + inorganics	Metals only	RN# (Lab Use Only)
TP25-06 SS2	July 11, 2025	S	4	✓	✓	✓	✓		✓		8842886
TP25-07 SS2	July 11, 2025	S	4	✓	✓	✓	✓		✓		87
TP25-08 SS1	July 11, 2025	S	4	✓	✓	✓	✓		✓		88
TP25-08 SS2	July 11, 2025	S	4	✓	✓	✓	✓		✓		89
TP25-09 SS1	July 11, 2025	S	4	✓	✓	✓	✓		✓		90
TP25-09 SS2	July 11, 2025	S	4	✓	✓	✓	✓		✓		91
TP25-10 SS1	July 11, 2025	S	4	✓	✓	✓	✓		✓		92
TP25-11 SS1	July 11, 2025	S	4	✓	✓	✓	✓		✓		93
DUP-01 (TP25-04 SS1)	July 11, 2025	S	4	✓	✓	✓	✓		✓		94
DUP-02 (TP25-06 SS2)	July 11, 2025	S	4	✓	✓	✓	✓		✓		95

	PRINT	SIGN	DATE/TIME	TEMP (°C)
Sampled By:	Nathan Martin		July 11, 2025	
Relinquished By:	Nathan Martin		July 17, 2025	9.9°C
Received By:	Mallayan Purusoi		July 14, 2025 14:14	

COMMENTS:

CUSTODY SEAL: ☐ YES ☐ NO Ice packs submit: ☐ Yes ☐ No

eurofins | Environment Testing
146 Colonnade Rd, Unit 8, Ottawa, ON K2E 7Y1 (613) 727-5692

OFFICIAL CERTIFICATE OF ANALYSIS : 4434229

WORK REQUEST : 100377636

Report Date : 2025-08-21

AllRock Consulting Ltd.
24 Brydon Drive, Unit 5
Toronto, Ontario
M9W 5R6
Attention : Nathan Martin

Reception Date : 2025-08-14
Project : 25191
Sampler : NA
PO Number : Not Applicable
Temperature : 12 °C

Analysis	Quantity	External Method
Boron, HWS (Soil, OES)	8	Modified from MECP E3470 and Gupta, 1967.
BTEX (Soil, GC/MS)	8	Modified from EPA 8260
Conductivity (Soil, Manual Meter)	8	Modified from MECP E3530
Cyanide, Free (Soil, Colorimetry)	8	Modified from MECP E3015
Hexavalent Chromium (Soil, IC)	8	Modified from SM 3500-CR C and EPA 3060A
Metals Scan (Soil, ICP/MS)	8	Modified from EPA 3050, EPA 200.8
Moisture (Soil, Gravimetric)	8	Modified from ASTM D2216
OCPs, O. Reg 153/04 (Soil, GC/ECD)	8	Modified from EPA 8081/8082
pH (Soil, 1:2 CaCl2, Manual Meter)	8	Modified from MECP E3530
PHC F1-BTEX (Soil, Calculation)	8	CCME Petroleum Hydrocarbons in Soil, Tier 1 Method
PHCs F1 (Soil, GC-FID)	8	CCME Petroleum Hydrocarbons in Soil, Tier 1 Method
PHCs F2-F4 (Soil, GC-FID)	8	CCME Petroleum Hydrocarbons in Soil, Tier 1 Method
SAR (Calculation, Soil)	8	O.Reg. 153/04, Analytical Protocol

Criteria :

A : O. Reg 406/19 - Excess Soil - Full Depth - Res/Park/Ins/Ind/Comm - Table 1
B : O. Reg 406/19 - Excess Soil - Full Depth, Pot GW, Vol Ind - Res/Park/Ins - Table 2.1
C : O. Reg 406/19 - Excess Soil - Full Depth, Non-Pot GW, Vol Ind - Ind/Comm - Table 3.1

Sample status upon receipt :

8915453 8915454 8915455 8915456 8915457 8915458 8915459 8915460
Compliant

Certificate Comments :

8915453
OCP spike recovery not available due to high native analyte concentration of the spiked sample. For all samples on this report, the metals spike acceptance limits apply only when the concentration of the matrix spike is greater than or equal to the concentration of the native analyte. Cr(VI) MRL increased due to matrix interference.
8915456 8915457 8915458 8915459 8915460
OCP spike recovery not available due to high native analyte concentration of the spiked sample. Se results have been verified with second analysis.
8915454 8915455
OCP spike recovery not available due to high native analyte concentration of the spiked sample. Se results have been verified with second analysis. Cr(VI) MRL increased due to matrix interference.

Notes :

- All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise stated.
- Eurofins Environment Testing Canada Inc. is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at https://directory.cala.ca/
- Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only. Guideline or regulatory limits listed on this report are provided for ease of use (informational purposes) only. Eurofins recommends consulting the official guideline or regulation as required. Unless otherwise stated, measurement uncertainty is not taken into account when determining guideline or regulatory exceedances.

Legend :

RL : Reporting limit
QC : Reference material (QC)
N/A : Not applicable
1 : Results in annex
* : Analysis conducted by external subcontracting
^ : Analysis not accredited

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146 Colonnade Rd, Unit 8, Ottawa, ON K2E 7Y1 (613) 727-5692

OFFICIAL CERTIFICATE OF ANALYSIS - EXCEEDENCE SUMMARY

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date : 2025-08-14

Eurofins Sample No	Client Sample Identification	Analyte	Result	Units	Exceeded Criteria		
					A	B	C
Conductivity (Soil, Manual Meter)							
8915457	HA25-05	Electrical Conductivity	0.65	mS/cm	0.57		
Metals Scan (Soil, ICP/MS)							
8915456	HA25-04	Barium	325	ug/g	220		
8915457	HA25-05	Barium	297	ug/g	220		
8915458	HA25-06	Barium	298	ug/g	220		
8915459	HA25-07	Barium	292	ug/g	220		
8915460	DUP (HA25-04)	Barium	354	ug/g	220		
8915456	HA25-04	Chromium	79	ug/g	70		
8915457	HA25-05	Chromium	74	ug/g	70		
8915458	HA25-06	Chromium	88	ug/g	70		
8915459	HA25-07	Chromium	84	ug/g	70		
8915460	DUP (HA25-04)	Chromium	81	ug/g	70		
8915454	HA25-02	Selenium	1.7	ug/g	1.5		
8915455	HA25-03	Selenium	1.7	ug/g	1.5		
8915456	HA25-04	Selenium	1.7	ug/g	1.5		
8915457	HA25-05	Selenium	2.6	ug/g	1.5	2.4	
8915458	HA25-06	Selenium	2.0	ug/g	1.5		
8915459	HA25-07	Selenium	2.4	ug/g	1.5		
8915460	DUP (HA25-04)	Selenium	2.4	ug/g	1.5		
8915457	HA25-05	Vanadium	90	ug/g	86	86	86
8915458	HA25-06	Vanadium	94	ug/g	86	86	86
8915459	HA25-07	Vanadium	100	ug/g	86	86	86
8915460	DUP (HA25-04)	Vanadium	96	ug/g	86	86	86
SAR (Calculation, Soil)							
8915453	HA25-01	Sodium Absorption Ratio (SAR)^	3.26		2.4		
8915454	HA25-02	Sodium Absorption Ratio (SAR)^	3.37		2.4		
8915455	HA25-03	Sodium Absorption Ratio (SAR)^	2.99		2.4		
8915456	HA25-04	Sodium Absorption Ratio (SAR)^	4.12		2.4		
8915457	HA25-05	Sodium Absorption Ratio (SAR)^	9.60		2.4	5	
8915458	HA25-06	Sodium Absorption Ratio (SAR)^	5.09		2.4	5	
8915460	DUP (HA25-04)	Sodium Absorption Ratio (SAR)^	4.47		2.4		

eurofins | Environment Testing
146 Colonnade Rd, Unit 8, Ottawa, ON K2E 7Y1 (613) 727-5692

OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-08-14

					Eurofins Sample No :	**8915453**	**8915454**	**8915455**	**8915456**	**8915457**
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-08-14	2025-08-14	2025-08-14	2025-08-14	2025-08-14
					Client Sample Identification :	HA25-01	HA25-02	HA25-03	HA25-04	HA25-05
General Chemistry	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
Boron, HWS (Soil, OES)										
Boron (Hot Water Soluble)	0.25	ug/g		1.5	2	0.26	0.30	0.29	<0.25	<0.25
Conductivity (Soil, Manual Meter)										
Electrical Conductivity	0.05	mS/cm	0.57	0.7	1.4	0.35	0.38	0.33	0.41	0.65
Cyanide, Free (Soil, Colorimetry)										
Cyanide (Free)	0.005	ug/g	0.051	0.051	0.051	<0.005	<0.005	<0.005	<0.005	<0.005
pH (Soil, 1:2 CaCl2, Manual Meter)										
pH (1:2 CaCl2)	1					7.01	7.38	7.29	7.24	7.05
SAR (Calculation, Soil)										
Sodium Absorption Ratio (SAR)^	0.01		2.4	5	12	3.26	3.37	2.99	4.12	9.60

					Eurofins Sample No :	**8915458**	**8915459**	**8915460**		
					Matrix :	Soil 153	Soil 153	Soil 153		
					Sampling Date :	2025-08-14	2025-08-14	2025-08-14		
					Client Sample Identification :	HA25-06	HA25-07	DUP (HA25-04)		
General Chemistry	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
Boron, HWS (Soil, OES)										
Boron (Hot Water Soluble)	0.25	ug/g		1.5	2	<0.25	<0.25	<0.25		
Conductivity (Soil, Manual Meter)										
Electrical Conductivity	0.05	mS/cm	0.57	0.7	1.4	0.40	0.16	0.43		
Cyanide, Free (Soil, Colorimetry)										
Cyanide (Free)	0.005	ug/g	0.051	0.051	0.051	<0.005	<0.005	<0.005		
pH (Soil, 1:2 CaCl2, Manual Meter)										
pH (1:2 CaCl2)	1					6.89	7.25	7.15		
SAR (Calculation, Soil)										
Sodium Absorption Ratio (SAR)^	0.01		2.4	5	12	5.09	0.45	4.47		

eurofins | Environment Testing
146 Colonnade Rd, Unit 8, Ottawa, ON K2E 7Y1 (613) 727-5692

OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-08-14

					Eurofins Sample No :	**8915453**	**8915454**	**8915455**	**8915456**	**8915457**
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-08-14	2025-08-14	2025-08-14	2025-08-14	2025-08-14
					Client Sample Identification :	HA25-01	HA25-02	HA25-03	HA25-04	HA25-05
Metals	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
Hexavalent Chromium (Soil, IC)										
Hexavalent Chromium	0.2	ug/g	0.66	8	8	<0.4	<0.4	<0.4	0.36	<0.2
Metals Scan (Soil, ICP/MS)										
Antimony	1	ug/g	1.3	7.5	40	<1	<1	<1	<1	<1
Arsenic	1	ug/g	18	18	18	3	3	3	2	3
Barium	1	ug/g	220	390	670	184	187	192	325	297
Beryllium	1	ug/g	2.5	4	8	<1	<1	<1	<1	<1
Boron	5	ug/g	36	120	120	5	6	6	<5	6
Cadmium	0.4	ug/g	1.2	1.2	1.9	<0.4	<0.4	<0.4	<0.4	<0.4
Chromium	1	ug/g	70	160	160	42	42	44	79	74
Cobalt	1	ug/g	21	22	80	9	9	10	13	14
Copper	1	ug/g	92	140	230	29	31	29	37	41
Lead	1	ug/g	120	120	120	9	9	8	6	6
Mercury	0.1	ug/g	0.27	0.27	0.27	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	1	ug/g	2	6.9	40	<1	<1	<1	<1	<1
Nickel	1	ug/g	82	100	270	21	22	22	39	36
Selenium	0.5	ug/g	1.5	2.4	5.5	1.4	1.7	1.7	1.7	2.6
Silver	0.2	ug/g	0.5	20	40	<0.2	<0.2	<0.2	<0.2	<0.2
Thallium	1	ug/g	1	1	3.3	<1	<1	<1	<1	<1
Uranium	0.5	ug/g	2.5	23	33	1.0	1.0	0.9	0.7	0.6
Vanadium	2	ug/g	86	86	86	64	65	66	86	90
Zinc	2	ug/g	290	340	340	78	77	74	101	105

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OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-08-14

					Eurofins Sample No :	**8915458**	**8915459**	**8915460**		
					Matrix :	Soil 153	Soil 153	Soil 153		
					Sampling Date :	2025-08-14	2025-08-14	2025-08-14		
					Client Sample Identification :	HA25-06	HA25-07	DUP (HA25-04)		
Metals	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
Hexavalent Chromium (Soil, IC)										
Hexavalent Chromium	0.2	ug/g	0.66	8	8	0.36	0.50	0.35		
Metals Scan (Soil, ICP/MS)										
Antimony	1	ug/g	1.3	7.5	40	<1	<1	<1		
Arsenic	1	ug/g	18	18	18	3	3	3		
Barium	1	ug/g	220	390	670	298	292	354		
Beryllium	1	ug/g	2.5	4	8	<1	<1	<1		
Boron	5	ug/g	36	120	120	<5	<5	5		
Cadmium	0.4	ug/g	1.2	1.2	1.9	<0.4	<0.4	<0.4		
Chromium	1	ug/g	70	160	160	88	84	81		
Cobalt	1	ug/g	21	22	80	16	16	15		
Copper	1	ug/g	92	140	230	42	42	40		
Lead	1	ug/g	120	120	120	6	6	6		
Mercury	0.1	ug/g	0.27	0.27	0.27	<0.1	<0.1	<0.1		
Molybdenum	1	ug/g	2	6.9	40	<1	<1	<1		
Nickel	1	ug/g	82	100	270	44	42	41		
Selenium	0.5	ug/g	1.5	2.4	5.5	2.0	2.4	2.4		
Silver	0.2	ug/g	0.5	20	40	<0.2	<0.2	<0.2		
Thallium	1	ug/g	1	1	3.3	<1	<1	<1		
Uranium	0.5	ug/g	2.5	23	33	0.7	0.7	0.7		
Vanadium	2	ug/g	86	86	86	94	100	96		
Zinc	2	ug/g	290	340	340	111	102	107		

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OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-08-14

					Eurofins Sample No :	**8915453**	**8915454**	**8915455**	**8915456**	**8915457**
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-08-14	2025-08-14	2025-08-14	2025-08-14	2025-08-14
					Client Sample Identification :	HA25-01	HA25-02	HA25-03	HA25-04	HA25-05
Organochlorine Pesticides	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
OCPs, O. Reg 153/04 (Soil, GC/ECD)										
Aldrin	0.002	ug/g	0.05	0.05	0.088	<0.002	<0.002	<0.002	<0.002	<0.002
alpha-Chlordane	0.002	ug/g				<0.002	<0.002	<0.002	<0.002	<0.002
Chlordane (Total)	0.004	ug/g	0.05	0.05	0.05	<0.004	<0.004	<0.004	<0.004	<0.004
Dieldrin	0.002	ug/g	0.05	0.05	0.088	<0.002	<0.002	<0.002	<0.002	<0.002
Endosulfan I	0.002	ug/g				<0.002	<0.002	<0.002	<0.002	<0.002
Endosulfan II	0.002	ug/g				<0.002	<0.002	<0.002	<0.002	<0.002
Endosulfan I + Endosulfan II	0.004	ug/g	0.04	0.04	0.04	<0.004	<0.004	<0.004	<0.004	<0.004
Endrin	0.002	ug/g	0.04	0.04	0.04	<0.002	<0.002	<0.002	<0.002	<0.002
gamma-BHC	0.002	ug/g	0.01	0.01	0.01	<0.002	<0.002	<0.002	<0.002	<0.002
gamma-Chlordane	0.002	ug/g				<0.002	<0.002	<0.002	<0.002	<0.002
Heptachlor	0.002	ug/g	0.05	0.072	0.072	<0.002	<0.002	<0.002	<0.002	<0.002
Heptachlor epoxide	0.002	ug/g	0.05	0.05	0.05	<0.002	<0.002	<0.002	<0.002	<0.002
Hexachlorobenzene	0.002	ug/g	0.01	0.034	0.66	<0.002	<0.002	<0.002	<0.002	<0.002
Hexachlorobutadiene	0.002	ug/g	0.01	0.01	0.01	<0.002	<0.002	<0.002	<0.002	<0.002
Hexachloroethane	0.002	ug/g	0.01	0.01	0.13	<0.002	<0.002	<0.002	<0.002	<0.002
Methoxychlor	0.002	ug/g	0.05	0.13	0.19	<0.002	<0.002	<0.002	<0.002	<0.002
p,p'-DDD	0.002	ug/g	0.05	3.3	4.6	<0.002	<0.002	<0.002	<0.002	<0.002
p,p'-DDE	0.002	ug/g	0.05	0.26	0.52	<0.002	<0.002	<0.002	<0.002	<0.002
p,p'-DDT	0.002	ug/g	1.4	1.4	1.4	<0.002	<0.002	<0.002	<0.002	<0.002
Decachlorobiphenyl (surrogate)	0	%				54	52	51	53	52

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OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-08-14

					Eurofins Sample No :	**8915458**	**8915459**	**8915460**		
					Matrix :	Soil 153	Soil 153	Soil 153		
					Sampling Date :	2025-08-14	2025-08-14	2025-08-14		
					Client Sample Identification :	HA25-06	HA25-07	DUP (HA25-04)		
Organochlorine Pesticides	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
OCPs, O. Reg 153/04 (Soil, GC/ECD)										
Aldrin	0.002	ug/g	0.05	0.05	0.088	<0.002	<0.002	<0.002		
alpha-Chlordane	0.002	ug/g				<0.002	<0.002	<0.002		
Chlordane (Total)	0.004	ug/g	0.05	0.05	0.05	<0.004	<0.004	<0.004		
Dieldrin	0.002	ug/g	0.05	0.05	0.088	<0.002	<0.002	<0.002		
Endosulfan I	0.002	ug/g				<0.002	<0.002	<0.002		
Endosulfan II	0.002	ug/g				<0.002	<0.002	<0.002		
Endosulfan I + Endosulfan II	0.004	ug/g	0.04	0.04	0.04	<0.004	<0.004	<0.004		
Endrin	0.002	ug/g	0.04	0.04	0.04	<0.002	<0.002	<0.002		
gamma-BHC	0.002	ug/g	0.01	0.01	0.01	<0.002	<0.002	<0.002		
gamma-Chlordane	0.002	ug/g				<0.002	<0.002	<0.002		
Heptachlor	0.002	ug/g	0.05	0.072	0.072	<0.002	<0.002	<0.002		
Heptachlor epoxide	0.002	ug/g	0.05	0.05	0.05	<0.002	<0.002	<0.002		
Hexachlorobenzene	0.002	ug/g	0.01	0.034	0.66	<0.002	<0.002	<0.002		
Hexachlorobutadiene	0.002	ug/g	0.01	0.01	0.01	<0.002	<0.002	<0.002		
Hexachloroethane	0.002	ug/g	0.01	0.01	0.13	<0.002	<0.002	<0.002		
Methoxychlor	0.002	ug/g	0.05	0.13	0.19	<0.002	<0.002	<0.002		
p,p'-DDD	0.002	ug/g	0.05	3.3	4.6	<0.002	<0.002	<0.002		
p,p'-DDE	0.002	ug/g	0.05	0.26	0.52	<0.002	<0.002	<0.002		
p,p'-DDT	0.002	ug/g	1.4	1.4	1.4	<0.002	<0.002	<0.002		
Decachlorobiphenyl (surrogate)	0	%				52	59	51		

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OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-08-14

					Eurofins Sample No :	8915453	8915454	8915455	8915456	8915457
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-08-14	2025-08-14	2025-08-14	2025-08-14	2025-08-14
					Client Sample Identification :	HA25-01	HA25-02	HA25-03	HA25-04	HA25-05
Petroleum Hydrocarbons	**RL**	**Unit**	**Criteria A**	**Criteria B**	**Criteria C**					
PHC F1-BTEX (Soil, Calculation)										
F1 minus BTEX	10	ug/g	25	25	25	<10	<10	<10	<10	<10
PHCs F1 (Soil, GC-FID)										
F1 (C6 to C10)	10	ug/g	25	25	25	<10	<10	<10	<10	<10
PHCs F2-F4 (Soil, GC-FID)										
F2 (C10 to C16)	2	ug/g	10	10	26	<2	<2	<2	<2	<2
F3 (C16 to C34)	20	ug/g	240	240	1700	27	56	40	<20	<20
F4 (C34 to C50)	20	ug/g	120	2800	3300	34	69	55	56	37
5-alpha-Androstane (surrogate)	1	%				93	91	66	67	63

					Eurofins Sample No :	8915458	8915459	8915460		
					Matrix :	Soil 153	Soil 153	Soil 153		
					Sampling Date :	2025-08-14	2025-08-14	2025-08-14		
					Client Sample Identification :	HA25-06	HA25-07	DUP (HA25-04)		
Petroleum Hydrocarbons	**RL**	**Unit**	**Criteria A**	**Criteria B**	**Criteria C**					
PHC F1-BTEX (Soil, Calculation)										
F1 minus BTEX	10	ug/g	25	25	25	<10	<10	<10		
PHCs F1 (Soil, GC-FID)										
F1 (C6 to C10)	10	ug/g	25	25	25	<10	<10	<10		
PHCs F2-F4 (Soil, GC-FID)										
F2 (C10 to C16)	2	ug/g	10	10	26	<2	<2	<2		
F3 (C16 to C34)	20	ug/g	240	240	1700	<20	<20	<20		
F4 (C34 to C50)	20	ug/g	120	2800	3300	<20	35	25		
5-alpha-Androstane (surrogate)	1	%				66	61	66		

			Eurofins Sample No :	8915453	8915454	8915455	8915456	8915457	8915458	8915459
			Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
			Sampling Date :	2025-08-14	2025-08-14	2025-08-14	2025-08-14	2025-08-14	2025-08-14	2025-08-14
			Client Sample Identification :	HA25-01	HA25-02	HA25-03	HA25-04	HA25-05	HA25-06	HA25-07
Sample Preparation	**RL**	**Unit**								
Moisture (Soil, Gravimetric)										
Moisture	0.1	%		12.6	6.7	9.1	19.9	21.9	18.5	20.8

			Eurofins Sample No :	8915460						
			Matrix :	Soil 153						
			Sampling Date :	2025-08-14						
			Client Sample Identification :	DUP (HA25-04)						
Sample Preparation	**RL**	**Unit**								
Moisture (Soil, Gravimetric)										
Moisture	0.1	%		19.8						

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OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS

Client : AllRock Consulting Ltd.
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Reception Date: 2025-08-14

					Eurofins Sample No :	**8915453**	**8915454**	**8915455**	**8915456**	**8915457**
					Matrix :	Soil 153	Soil 153	Soil 153	Soil 153	Soil 153
					Sampling Date :	2025-08-14	2025-08-14	2025-08-14	2025-08-14	2025-08-14
					Client Sample Identification :	HA25-01	HA25-02	HA25-03	HA25-04	HA25-05
Volatile Organic Compounds	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
BTEX (Soil, GC/MS)										
Benzene	0.0068	ug/g	0.02	0.02	0.034	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068
Ethylbenzene	0.018	ug/g	0.05	0.05	1.9	<0.018	<0.018	<0.018	<0.018	<0.018
m/p-Xylene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
o-Xylene	0.05	ug/g				<0.05	<0.05	<0.05	<0.05	<0.05
Toluene	0.08	ug/g	0.2	0.2	7.8	<0.08	<0.08	<0.08	<0.08	<0.08
Xylene (Total)	0.05	ug/g	0.05	0.091	3	<0.05	<0.05	<0.05	<0.05	<0.05
Toluene-d8 (surrogate)	0	%				105	116	118	119	93

					Eurofins Sample No :	**8915458**	**8915459**	**8915460**		
					Matrix :	Soil 153	Soil 153	Soil 153		
					Sampling Date :	2025-08-14	2025-08-14	2025-08-14		
					Client Sample Identification :	HA25-06	HA25-07	DUP (HA25-04)		
Volatile Organic Compounds	**RL**	**Unit**	**Criteria**							
			A	**B**	**C**					
BTEX (Soil, GC/MS)										
Benzene	0.0068	ug/g	0.02	0.02	0.034	<0.0068	<0.0068	<0.0068		
Ethylbenzene	0.018	ug/g	0.05	0.05	1.9	<0.018	<0.018	<0.018		
m/p-Xylene	0.05	ug/g				<0.05	<0.05	<0.05		
o-Xylene	0.05	ug/g				<0.05	<0.05	<0.05		
Toluene	0.08	ug/g	0.2	0.2	7.8	<0.08	<0.08	<0.08		
Xylene (Total)	0.05	ug/g	0.05	0.091	3	<0.05	<0.05	<0.05		
Toluene-d8 (surrogate)	0	%				115	85	99		

Approved by :

Patrick Jacques, B.Sc, C.Chem,
Environmental Chemist, Ottawa

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OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-08-14

Parameter	Unit	RL	Blank	QC		Matrix Spike		Duplicate	
				Recovery %	Range %	Recovery %	Range %	RPD %	Range %
Boron, HWS (Soil, OES)									
Method : Boron, hot water soluble (Soil, ICP/OES). Internal method: AMEBORE2.									
Boron (Hot Water Soluble)	ug/g	0.25	<0.25	100	68-132	100	70-130	-	0-40
Associated Samples : 8915453, 8915454, 8915455, 8915456, 8915457, 8915458, 8915459								Prep Date: 2025-08-15 Analysis Date: 2025-08-18	
Method : Boron, hot water soluble (Soil, ICP/OES). Internal method: AMEBORE2.									
Boron (Hot Water Soluble)	ug/g	0.25	<0.25	111	68-132	114	70-130	-	0-40
Associated Samples : 8915460								Prep Date: 2025-08-15 Analysis Date: 2025-08-18	
BTEX (Soil, GC/MS)									
Method : Volatile Organic Compounds (Soil, GC/MS). Internal method: AMVOMSE8.									
Benzene	ug/g	0.0068	<0.0068	120	70-130	115	70-130	-	0-30
Ethylbenzene	ug/g	0.018	<0.018	95	70-130	117	70-130	-	0-30
m/p-Xylene	ug/g	0.05	<0.05	100	70-130	98	70-130	-	0-30
o-Xylene	ug/g	0.05	<0.05	90	70-130	96	70-130	-	0-30
Toluene	ug/g	0.08	<0.08	97	70-130	92	70-130	-	0-30
Xylene (Total)	ug/g	0.05	<0.05				-		-
Associated Samples : 8915453, 8915454, 8915455, 8915456, 8915457, 8915458, 8915459, 8915460								Prep Date: 2025-08-19 Analysis Date: 2025-08-21	
Conductivity (Soil, Manual Meter)									
Method : Conductivity (soil, manual meter). Internal method: AMPHCNX2.									
Electrical Conductivity	mS/cm	0.05	<0.05	104	72-128			2	0-40
Associated Samples : 8915453, 8915454, 8915455, 8915456, 8915457, 8915458								Prep Date: 2025-08-20 Analysis Date: 2025-08-20	
Method : Conductivity (soil, manual meter). Internal method: AMPHCNX2.									
Electrical Conductivity	mS/cm	0.05	<0.05	104	72-128			5	0-40
Associated Samples : 8915459, 8915460								Prep Date: 2025-08-20 Analysis Date: 2025-08-20	
Cyanide, Free (Soil, Colorimetry)									
Method : Cyanide (Soil, Colorimetry). Internal method: OTT-I-CN-WI46209.									
Cyanide (Free)	ug/g	0.005	<0.005	100	77-122	96	70-130	-	0-20
Associated Samples : 8915453, 8915454, 8915455, 8915456, 8915457, 8915458, 8915459, 8915460								Prep Date: 2025-08-20 Analysis Date: 2025-08-20	
Hexavalent Chromium (Soil, IC)									
Method : Chromium, Hexavalent (Solids, IC). Internal method: OTT-I-IC-WI69883.									
Hexavalent Chromium	ug/g	0.2	<0.2	125	67-134	86	70-130	-	0-35
Associated Samples : 8915453, 8915454, 8915455, 8915456, 8915457, 8915458, 8915459, 8915460								Prep Date: 2025-08-20 Analysis Date: 2025-08-20	

OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-08-14

Parameter	Unit	RL	Blank	QC		Matrix Spike		Duplicate	
				Recovery %	Range %	Recovery %	Range %	RPD %	Range %
Metals Scan (Soil, ICP/MS)									
Method : Metals (Soil, Digested, ICP/MS). Internal method: OTT-I-MET-WI48349.									
Antimony	ug/g	1	<1	66	0-100	110	70-130	-	0-30
Arsenic	ug/g	1	<1	88	66-100	110	70-130	0	0-30
Barium	ug/g	1	<1	100	74-107			3	0-30
Beryllium	ug/g	1	<1	99	73-104	110	70-130	-	0-30
Boron	ug/g	5	<5	79	47-100			-	0-30
Cadmium	ug/g	0.4	<0.4	98	71-102	122	70-130	-	0-30
Chromium	ug/g	1	<1	103	72-105			0	0-30
Cobalt	ug/g	1	<1	99	73-104	110	70-130	0	0-30
Copper	ug/g	1	<1	99	73-104	120	70-130	0	0-30
Lead	ug/g	1	<1	98	76-109	120	70-130	0	0-30
Mercury	ug/g	0.1	<0.1	76	56-110	100	70-130	-	0-30
Molybdenum	ug/g	1	<1	90	68-103	120	70-130	-	0-30
Nickel	ug/g	1	<1	102	72-103	120	70-130	3	0-30
Selenium	ug/g	0.5	<0.5	104	70-108	107	70-130	-	0-30
Silver	ug/g	0.2	<0.2	109	73-111	120	70-130	-	0-30
Thallium	ug/g	1	<1	95	72-107	120	70-130	-	0-30
Uranium	ug/g	0.5	<0.5	95	72-119	118	70-130	-	0-30
Vanadium	ug/g	2	<2	99	69-108			0	0-30
Zinc	ug/g	2	<2	107	70-107	120	70-130	2	0-30
Associated Samples : 8915453, 8915454, 8915455, 8915456, 8915457, 8915458, 8915459, 8915460								Prep Date: 2025-08-19 Analysis Date: 2025-08-20	
OCPs, O. Reg 153/04 (Soil, GC/ECD)									
Method : Organochlorine Pesticides/PCBs (Soil, GC/ECD). Internal method: AMOCPCE1.									
Aldrin	ug/g	0.002	<0.002	95	50-140			-	0-40
alpha-Chlordane	ug/g	0.002	<0.002	95	50-140			-	0-40
Chlordane (Total)	ug/g	0.004	<0.004						-
Dieldrin	ug/g	0.002	<0.002	95	50-140			-	0-40
Endosulfan I	ug/g	0.002	<0.002	95	50-140			-	0-40
Endosulfan II	ug/g	0.002	<0.002	95	50-140			-	0-40
Endosulfan I + Endosulfan II	ug/g	0.004	<0.004						-
Endrin	ug/g	0.002	<0.002	95	50-140			-	0-40
gamma-BHC	ug/g	0.002	<0.002	90	50-140			-	0-40
gamma-Chlordane	ug/g	0.002	<0.002	95	50-140			-	0-40
Heptachlor	ug/g	0.002	<0.002	95	50-140			-	0-40
Heptachlor epoxide	ug/g	0.002	<0.002	95	50-140			-	0-40
Hexachlorobenzene	ug/g	0.002	<0.002	95	50-140			-	0-40
Hexachlorobutadiene	ug/g	0.002	<0.002	95	50-140			-	0-40
Hexachloroethane	ug/g	0.002	<0.002	90	50-140			-	0-40
Methoxychlor	ug/g	0.002	<0.002	95	50-140			-	0-40
p,p'-DDD	ug/g	0.002	<0.002	95	50-140			-	0-40
p,p'-DDE	ug/g	0.002	<0.002	95	50-140			17	0-40
p,p'-DDT	ug/g	0.002	<0.002	95	50-140			-	0-40
Associated Samples : 8915453, 8915454, 8915455, 8915456, 8915457, 8915458, 8915459, 8915460								Prep Date: 2025-08-17 Analysis Date: 2025-08-21	

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OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL

Client : AllRock Consulting Ltd.
Project : 25191

Reception Date: 2025-08-14

Parameter	Unit	RL	Blank	QC		Matrix Spike		Duplicate	
				Recovery %	Range %	Recovery %	Range %	RPD %	Range %
pH (Soil, 1:2 CaCl2, Manual Meter)									
Method : pH (soil, 1:2 CaCl2, Manual meter). Internal method: AMPHCNX2.									
pH (1:2 CaCl2)		1	6.09	101	97-103			2	0-40
Associated Samples : 8915453, 8915454, 8915455, 8915456, 8915457, 8915458, 8915459, 8915460								Prep Date: 2025-08-19 Analysis Date: 2025-08-19	
PHCs F1 (Soil, GC-FID)									
Method : Petroleum Hydrocarbons (Soil, GC-FID). Internal method: OTT-O-PHC-WI45386.									
F1 (C6 to C10)	ug/g	10	<10	89	70-130	111	70-130	-	0-30
Associated Samples : 8915453, 8915454, 8915455, 8915456, 8915457, 8915458, 8915459, 8915460								Prep Date: 2025-08-19 Analysis Date: 2025-08-21	
PHCs F2-F4 (Soil, GC-FID)									
Method : Petroleum Hydrocarbons (Soil, GC-FID). Internal method: OTT-O-PHC-WI45386.									
F2 (C10 to C16)	ug/g	2	<2	86	80-120	73	60-140	-	0-30
F3 (C16 to C34)	ug/g	20	<20	86	80-120	70	60-140	-	0-30
F4 (C34 to C50)	ug/g	20	<20	86	80-120	73	60-140	-	0-30
Associated Samples : 8915453, 8915454, 8915455, 8915456, 8915457, 8915458, 8915459, 8915460								Prep Date: 2025-08-17 Analysis Date: 2025-08-19	

Where RPD % is reported as "-" the calculation is not available because one or both of the duplicates is within 5 times the RL.

Notes:

1) The laboratory method complies with CCME Tier 1 reference method for PHC in soil. It is validated for laboratory use.
2) Where the F1 fraction (C6 to C10) and BTEX are both measured, F1-BTEX is reported.
3) Where the F2 fraction (C10 to C16) and naphthalene are both measured, F2-naphthalene is reported.
4) Where the F3 fraction (C16 to C34) and PAHs* are both measured, F3-PAH is reported.
5) F4G is analyzed if the chromatogram does not descend to baseline before C50. Where F4 (C34 to C50) and F4G are both reported, the higher result is compared to the standard.
6) Unless otherwise stated in the sample comments, the following criteria have been met where applicable:
   - nC6 and nC10 response factors within 30% of response factor for toluene;
   - nC10, nC16, and nC34 response factors within 10% of each other;
   - C50 response factors within 70% of nC10 + nC16 + nC34 average; and,
   - Linearity is within 15%.
7) Unless otherwise stated in the sample comments, sampling requirements and analytical holding times have been met.
8) Gravimetric heavy hydrocarbons (F4G) cannot be added to the C6 and C50 hydrocarbons.
9) *PAHs = phenanthrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-c,d)pyrene and pyrene.
10) Where F4G-sg is reported, the F4G extract has been cleaned with silica gel.

eurofins 235221

STANDARD CHAIN-OF-CUSTODY

146 Colonnade Road, Unit #8, Ottawa, ON, K2E 7Y1 - Phone: 613-727-5692, Fax: 613-727-5222

CLIENT INFORMATION

Company: AllRock Consulting
Contact: Nathan Martin
Address: 174 Colonnade Rd South, Unit #35
Telephone: 613-371-3442 Cell:
Email: #1: nathan.martin@allrockconsulting.com
Email: #2:
Project: 25191 Quote #:

INVOICE INFORMATION (SAME AS CLIENT INFORMATION: YES ☒ NO ☐)

Company:
Contact: Email: #1:
Address: Email: #2:
Telephone: PO #:

TURN-AROUND TIME (Business Days)

☐ 1 Day* (100%) ☐ 2 Day** (50%) ☐ 3-5 Days (25%) ☒ 5-7 Days (Standard)

Please contact Lab in advance to determine rush availability. *For results reported after rush due date, surcharges will apply: before 12:00 - 100%, after 12:00 - 50%. **For results reported after rush due date, surcharges will apply: before 12:00 - 50%, after 12:00 - 25%.

TCLP, SPLP, PFAS, and NP/NPE the rush surcharges are 100% (3 day) and 50% (4 day). For farm soils the rush surcharge is 100% (3-5 days). Regular TAT is 10 days.

REGULATION/GUIDELINE REQUIRED

☐ Sanitary Sewer, City:
☐ Storm Sewer, City:
☐ ODWSOG (Use DW COC if samples are for human consumption)
☐ PWQO
☐ O.Reg. 347 (TCLP)
☐ Other:

☐ O. Reg. 153/04
Table # ____, Coarse / Fine, Surface / subsurface
The sample results from this submission will form part of a formal Record of Site Condition (RSC) under O.Reg. 153/04. Analysis of full parameter list only Yes ☐ No ☐
Type: Com-Ind / Res-Park / Agri / GW / All Other / Sediment

☒ O. Reg 406 Excess Soils
Table # _____ Full depth/Strat/Ceiling/mSPLP Leachate
Type: Com-Ind /Res-Park /Agri/All Other
Category: Surface /Subsurface

The optimal temperature conditions during transport is 4 - 10°C. Sample(s) cannot be frozen, unless otherwise indicated or agreed upon with the Laboratory. This COC must not be used for drinking water samples. The COC must be complete upon submission of the samples, there will be a $25 surcharge if required information is missing (required fields are shaded in grey).

Occasionally, situations arise in which Eurofins Environment Testing Canada (Ottawa) is unable to process a sample after receipt. By signing this chain-of-custody form, the client agrees that Eurofins Environment Testing Canada (Ottawa) may subcontract samples to a laboratory that is similarly accredited. This subcontracted laboratory will perform the same analysis using the same or similar methodology. Agreements made in advance to subcontract to a specific laboratory will be honored.

Sample Details

Field Filtered -->

Sample ID	Date/Time Collected	Sample Matrix	# of Containers	O.Reg.153/04 parameters: PHC F1 - F4	BTEX	VOCs	PAHs	PCBs	Metals + Inorganics	Metals only	OCPs	RN# (Lab Use Only)
HA25-01	Aug 14, 2025 9AM	S	4	X	X				X		X	8915453
HA25-02		S	4	X	X				X		X	54
HA25-03		S	4	X	X				X		X	55
HA25-04		S	4	X	X				X		X	56
HA25-05		S	4	X	X				X		X	57
HA25-06		S	4	X	X				X		X	58
HA25-07		S	4	X	X				X		X	59
DUP (HA25-04)												60

	PRINT NAME	LOCATION	SIGN	DATE/TIME	TEMP (°C)
Sampled By:	Nathan Martin			Aug 14, 2025	
Relinquished By:	Nathan Martin			Aug 14, 2025	
Received By:					
Received By:	Shirley Yu	OTT	SY	8/14/25 1110	12

COMMENTS:

100377636

CUS Printed On : 2025-08-14 11:27:27

☐ Yes ☐ No