

February 24, 2026  
Project No.: 26014

M'akola Housing Society  
c/o Holly Pridie  
104-550 Goldstream Avenue  
Victoria, BC V9B 2W7  
hpridie@makoladev.com

**RE: Soil Quality Assessment – 2805 Carlow Road, Langford, BC**

## Introduction

Waypoint Environmental Services Ltd. (WES) was retained by M'akola Housing Society, c/o Holly Pridie (Client) to test soils at 2805 Carlow Road, BC (Site). We understand the Client is requesting this work to facilitate the off-Site disposal of soil related to a proposed excavation project at the Site. This letter presents the results of the soil quality assessment at the Site to determine appropriate relocation or disposal options.

## Background

WES prepared a Phase I ESA report for the Site in November 2025, which identified the following Areas of Potential Environmental Concern (APECs) and related Potential Contaminants of Concern (PCOCs):

| APEC           | Activity Description  | Risk Rating <sup>1</sup> | PCOCs <sup>2</sup>        |                          |                     |
|----------------|---|--------------------------|---------------------------|--------------------------|---------------------|
|                |   |                          | Soil                      | Groundwater <sup>3</sup> | Vapour <sup>3</sup> |
| <b>ON SITE</b> |   |                          |                           |                          |                     |
| APEC 1         | Poor-quality fill is inferred to have been used throughout the Site at the time of its development. | Low                      | LEPHs, HEPHs, PAH, metals | LEPHw, HEPH, PAH, metals | Naphthalene         |

<sup>1</sup> Indicates relative scale for potential contamination to be present at the Site:

- High – Evidence of significant, actual contamination
- Moderate – Inferred potential significant contamination or evidence of minor contamination
- Low to Moderate – Inferred potential minor contamination
- Low – No inferred contamination

<sup>2</sup> Parameter groupings based on Guidance for PCOCs prepared for CSAP Society (January 2023)

<sup>3</sup> Groundwater and soil vapour analysis recommended contingent on soil results.

Notes: BTEX – Benzene, Toluene, Ethylbenzene, Xylenes  
VPH – Volatile Petroleum Hydrocarbons  
LEPH/HEPH – Light and Heavy Extractable Petroleum Hydrocarbons

PAH – Polycyclic Aromatic Hydrocarbons  
VOC – Volatile Organic Compounds  
MTBE – Methyl tert-butyl ether

The above identified APEC was investigated for soil impacts during this Soil Quality Assessment, and the findings will be discussed further below.

### Regulatory Framework

The Residential Land Use Low Density (RL<sub>LD</sub>) BC Contaminated Site Regulation (CSR) standards were applied to soil results to evaluate whether the soil was acceptable for relocation to a “clean” soil disposal facility.

The final disposal facility is unknown at this time; therefore, the following soil pathways were considered:

- Intake of contaminated soil,
- Toxicity of soil invertebrates and plants,
- Groundwater used for drinking water (DW),
- Groundwater flow to surface water used by freshwater aquatic life (AW<sub>F</sub>),
- Groundwater flow to surface water used by marine aquatic life (AW<sub>M</sub>),
- Groundwater used for irrigation (IW), and
- Groundwater used for livestock watering (LW).

BC Ministry of Environment and Parks (ENV) Protocol 4, Establishing Local Background Concentrations in Soil, Version 12, Table 1, Regional estimates for background concentrations in soil for inorganic substances; and BC Hazardous Waste Regulation (HWR), Schedule 4, Table 1, Leachate Quality Standards have also been considered. For pH dependent standards, the applicable pH was determined on a sample-by-sample basis.

### Soil Quality Assessment

|                        |  |
|------------------------|--|
| Current Land Use       | West Shore Parks and Recreation Centennial Centre for Arts, Culture, and Community (RL <sub>LD</sub> )   |
| Historical Land Use    | Based on the 2025 Phase I ESA conducted by WES, which included a search of city/street directories, title transfers, aerial photographs, building permits, a BC site registry search, the Site has been used for both residential and commercial purposes. Prior to its current land use, the Site operated as the Langford Community Hall and the District of Langford municipal offices. |
| BC CSR Schedule 2 uses | No current or former Schedule 2 activities have been identified based on the information reviewed above.   |

WES was informed by the Client that soil will be excavated to depths of approximately 5.0 m below ground surface (bgs) and relocated from the Site during the proposed redevelopment project. To facilitate off-Site disposal, soil testing was required to determine the land uses that are chemically suitable to receive the proposed material.

The Potential Contaminants of Concern (PCOCs) identified for the soils identified on Site include; Extractable Petroleum Hydrocarbons (EPH), Light and Heavy Extractable Petroleum Hydrocarbons (L/HEPH), Polycyclic Aromatic Hydrocarbons (PAH), metals, and salinity parameters.

### **Scope of Work**

The scope of work for this Soil Quality Assessment was limited to the following:

- Develop a sample location plan as part of the subsurface investigation;
- Advance five boreholes within the project area to assess for the presence and/or absence of PCOCs;
- Collect representative soil samples from various and discrete depths at each borehole location;
- Submit selected samples to an accredited laboratory for analysis of PCOCs;
- Review the analytical results from the subsurface investigation, and compare the results to the current applicable BC Contaminated Sites Regulation (CSR) standards;
- Interpret, report, and make recommendations.

### **Methodology**

Soil sampling was completed in general accordance with the BC Field Sampling Manual, Part D – Solids, 2020. The subsurface investigation was completed by Westsoil Sampling Ltd., using a Pionjar equipped with a split-spoon sampler.

A total of five boreholes were advanced on Site on February 12, 2026, in the location of the proposed new development. The boreholes were advanced to a maximum depth of 1.5 m bgs. The soil stratigraphy observed is summarized below:

- BH26-01:
  - A layer of asphalt was observed extending from the surface to approximately 0.1 m below ground surface (bgs), followed by a layer of concrete to approximately 0.5 m bgs, then grey sandy gravel fill with cobbles and trace silt.
  - Refusal was encountered at 0.75 m due to large cobbles.
- BH26-02:
  - A layer of asphalt was observed extending from the surface to approximately 0.1 m bgs, followed by dark brown silty sand fill, with gravel and cobbles. Inferred brick was encountered at approximately 0.75 m bgs.
  - Refusal was encountered at 1.5 m bgs due to large cobbles.
- BH26-03:

- Brown silty sand with wood and rootlets, gravel, and cobbles (fill) was observed extending from the surface to approximately 1.3 m bgs, followed by inferred native, greyish brown sand with cobbles.
- Refusal was encountered at 1.5 m bgs due to large cobbles.
- BH26-04:
  - Dark to medium brown silty sand fill with rootlets was observed from surface to approximately 0.6 m bgs, followed by inferred native, greyish brown sandy gravel with cobbles.
  - Refusal was encountered at 0.75 m bgs due to large cobbles.
- BH26-05:
  - Brown to greyish-brown silty sand fill with rootlets and a fine sand layer at 0.3 m bgs was observed from surface to approximately 1.0 m bgs, followed by inferred native, orange-brown sandy gravel with cobbles.
  - Refusal was encountered at 1.5 m bgs due to large cobbles.

There were no staining or odors observed in the boreholes during drilling. In total, eight soil samples were analyzed to evaluate the presence and/or absence of PCOCs.

Prior to submitting samples for laboratory analysis, a portion of each sample was retained in a plastic bag for assessment of total Volatile Organic Compounds (tVOC) in the headspace above the soil using a MiniRAE 3000 Photo Ionization Detector (PID). The soil samples collected had tVOC readings between 1.7 and 88.7 parts per million.

## **Soil Results**

See attached the tables for complete analytical results. The lab report has been appended to this letter. The results from the investigation identified PCOC concentrations below the RL<sub>LD</sub> BC CSR standards for all tested parameters.

## **Soil Vapour**

The PCOCs associated with the soil identified on the Site were not volatile, except for naphthalene which is semi-volatile. Detectable naphthalene concentrations were observed during this soil assessment at BH26-01; however, they were less than the BC CSR RL<sub>LD</sub> standards. All other analyzed samples were non-detect for naphthalene (i.e. below the laboratory detection limit). As such, the potential for soil vapour contamination in the soil proposed for relocation is considered low.

## **Summary of Results**

The analytical results have been summarized below.

| Assessed Soil   | Chemically Suitable for Disposal (Land Uses)  | Chemically NOT Suitable for Disposal (Land Uses) | Comments  |
|---|---|--|---|
| Fill and native soils within the proposed redevelopment area to a maximum depth of approximately 1.5 m bgs. | Residential Low Density<br>Residential High Density<br>Commercial<br>Industrial<br>Agricultural | Not Applicable                                   | All analyzed samples were less than the RL <sub>LD</sub> standards. |

<sup>1</sup> ENV – Ministry of Environment and Parks. Municipal permits may be required prior to soil relocation.

### Closure

We trust that this information is sufficient for your current needs. Should you require clarification on any part of this letter, please do not hesitate to contact the undersigned. If any field observations of suspect contamination are encountered during construction activities, the suspect material should be segregated and stockpiled, and a Qualified Environmental Professional should be retained to further classify the material.

Sincerely,

**Waypoint Environmental Services Ltd.**

Written by:

Reviewed by:



Rachel Publicover, B.Sc., AAg.  
**Environment Scientist**



Rebecca Cheyne, B.Sc., PAg.  
**Project Environment Scientist**

Enc Figure  
Tables  
Appendix A – Laboratory Analytical Report

## **LIMITATIONS & CONDITIONS**

### ***General Conditions***

The material contained in the report reflects Waypoint Environmental Services Ltd. (WES) best judgment considering the information available at the time of assessment and report preparation. WES may have also relied on information provided by third parties for the preparation of this report. The accuracy of this report may have been affected by the accuracy of this information.

The reported information is believed to provide a reasonable representation of the general environmental and hydrogeological conditions in the areas assessed. The data presented was collected at specific locations and the conditions may be different in other locations where specific information was not collected.

Findings outlined in the report cannot and should not be extrapolated to areas of the Site or other sites that were not specifically investigated. In addition, only those parameters specifically addressed in this report have been evaluated.

The assessment, conclusion and recommendations provided in this report are intended for the sole use of WES' Client. WES is prepared to provide a onetime project specific use "Letter of Reliance" to a third party at the written request of WES' Client.

When the information in this report is used or relied upon by any party other than WES' Client, WES does not accept any responsibility for the accuracy of any of the data, the analysis or the recommendations contained or referenced in the report, unless otherwise authorized in writing by WES. Any unauthorized use of this report is at the sole risk of the user.

WES reserves the right to modify the opinion contained in this report if new information is discovered or comes to light that was not provided or available at the time of writing.

### ***Limitations of Report***

This report pertains to a specific scope of work and to a specific site, developments and adjacent land use as outlined in the report. The conclusions and recommendations set out in this report are based on specific observations, assessments and testing completed on the Site.

This report is applicable for land uses present during the assessment of the Site. Any variation from the identified Site conditions or developments and land use could necessitate additional investigation and assessment. It should be recognized that conditions may vary across the Site and with changes in seasons and these variations could affect the conclusion and recommendations made in this report. The findings, conclusions and recommendations contained in this report are time sensitive.

WES is not qualified to make, and it is not making any recommendations with respect to the purchase, sale, investment or development of any property. These decisions are the sole responsibility of the Client.

### ***Third Party Information***

During the performance of the work and the preparation of this report, WES may have relied on information provided by persons other than the Client. While WES endeavors to verify the accuracy of such information when instructed to do so by the Client, WES accepts no responsibility for the accuracy or the reliability of such information, which may affect the conclusion reached in the report.

### ***Standard of Care***

Services performed by WES for this project have been conducted in a manner consistent with the level of skill ordinarily exercised by members of the profession currently practicing under similar conditions in the jurisdiction in which the services are provided.

Technical judgment has been applied in developing the conclusions and/or recommendations provided in this report. No other warranty or guarantee, expressed or implied, is made concerning the test results, conclusions, recommendations, or any other portion of this report.

### ***Electronic Report Format***

When WES submits both electronic file and hard copy versions of reports, drawings and other project-related documents and deliverables, the signed and sealed hard copy versions shall be considered final and legally binding. The hard copy version submitted by WES shall be the original documents for record and working purposes, and, in the event of a dispute or discrepancies, the hard copy versions shall govern over the electronic versions.

The electronic reports and documents shall be used only and exactly as submitted by WES. Any corruption and change to the content and quality of the electronic reports and documents as a result of subsequent electronic re-transmission will be the sole responsibility of the party completing the retransmission.






The electronic files submitted by WES have been prepared and submitted using specific software and hardware systems in WES' possession at the time of preparation and submission.

While WES endeavours to stay current in the software used, there is no guarantee that the software will be the most recent versions available.

WES makes no representation about the compatibility of these files with the Client's current or future software and hardware systems.

## Figures

**Legend**

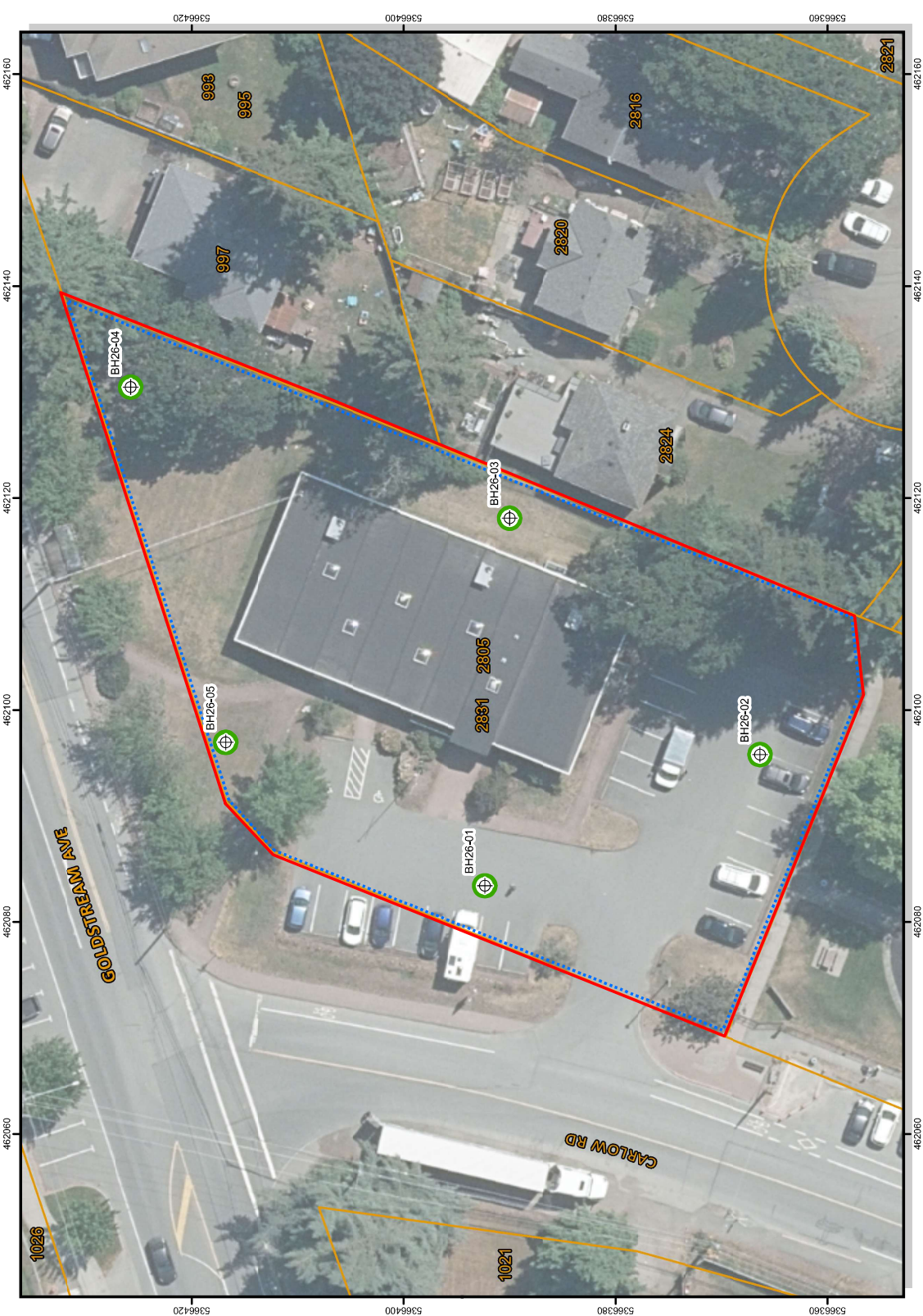
-  Borehole
-  Sample > BC CSR Standards
-  Sample < BC CSR Standards
-  APEC 1
-  Site

**Notes**



Refer to tables for full analytical results.

This drawing is for conceptual purposes only  
Source: CRD Areas Atlas 2023



Client

M'akola Housing Society  
c/o Holly Pride

Consultant



YYYY-MM-DD: 2/24/2026

Prepared: RP  
Reviewed: RC  
Approved: RC

Project

2805 Carlow Road, Langford, BC

PROJECT NO. 26014  
PHASE 01  
REV. V001

Title

Soil Quality Assessment

**SOIL ANALYTICAL RESULTS**


Figure 01


## Tables

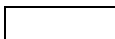
Waypoint Environmental Services Ltd.  
Standard Table Notes  
Soil Samples

Soil sample results are presented in milligrams per kilogram (mg/kg) on a dry weight basis.

|                  |  |
|------------------|--|
| EPH              | Extractable Petroleum Hydrocarbons, not corrected for PAH                  |
| LEPH             | Light Extractable Petroleum Hydrocarbons, corrected for PAH                |
| HEPH             | Heavy Extractable Petroleum Hydrocarbons, corrected for PAH                |
| PAH              | Polycyclic Aromatic Hydrocarbons   |
| MAH              | Monocyclic Aromatic Hydrocarbons (benzene, toluene, ethylbenzene, xylenes) |
| MTBE             | Methyl Tert-Butyl Ether  |
| VOC              | Volatile Organic Compounds   |
| RDL              | Reportable Detection Limit   |
| m                | metres   |
| BS               | Base Sample  |
| WS               | Wall Sample  |
| <                | Less than the stated detection limit                                       |
| -                | Not analyzed   |
| CSR              | Contaminated Sites Regulation  |
| WLN              | Wildlands Natural Land Use   |
| WLR              | Wildlands Reverted Land Use  |
| AL               | Agricultural Land Use  |
| PL               | Urban Park Land Use  |
| RL <sub>LD</sub> | Residential Low Density Land Use   |
| RL <sub>HD</sub> | Residential High Density Land Use  |
| CL               | Commercial Land Use  |
| IL               | Industrial Land Use  |
| EQL              | Estimated Quantitation Limit   |

 Greater than the most stringent of the applicable CSR standards

 Greater than one of the applicable CSR standards but below the Protocol 4 BC CSR background standards

 Empty cell indicates no laboratory analysis completed

BC CSR standards for certain metals are pH dependent. Standards for these specific metals are presented in a range; with the most stringent standard corresponding to lower pH values and the most lenient standard corresponding to higher pH values.

BC CSR standards for EPH(C10-C19) and EPH(C19-C32) are the same for LEPH and HEPH, respectively. The Ministry of the Environment advised (June 6, 2010) that although the standards for these parameters can be interchangeable for screening purposes, they cannot be used to demonstrate legal compliance with the BC CSR standards.

Relative Percent Differences have only been considered where a concentration is greater than 5 times the EQL.





Table 3  
Soil Results - Metals

| Date        | Location Code | Depth       | Field ID          | Sample Code        | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium | Chromium (III+VI) | Cobalt | Copper   | Iron   | Lead        | Lithium | Manganese | Mercury | Molybdenum | Nickel   | Selenium | Silver | Strontium | Thallium | Tin  | Vanadium  | Zinc |
|-------------|---------------|-------------|-------------------|--------------------|----------|----------|---------|--------|-----------|-------|---------|-------------------|--------|----------|--------|-------------|---------|-----------|---------|------------|----------|----------|--------|-----------|----------|------|-----------|------|
| 17 Feb 2026 | BH26-01       | 0.6 - 0.75  | BH26-01/0.6-0.75  | 26B1803_26B1803-01 | 40       | 0.1      | 0.3     | 3,500  | 1-3,500   | 2     | 1-500   | 60                | 21     | 75-1,500 | 20     | 700-360,000 | 0.1     | 0.4       | 0.04    | 650        | 90-9,500 | 0.2      | 0.1    | 0.1       | 0.2      | 1    | 150-1,800 |      |
| 17 Feb 2026 | BH26-02       | 0.25 - 0.45 | BH26-02/0.25-0.45 | 26B1803_26B1803-02 | 68       | 0.1      | 2.97    | 45.3   | 0.24      | 2.9   | 0.101   | 33.2              | 17.7   | 75-1,500 | 20     | 120-15,000  | 0.1     | 0.4       | 0.04    | 650        | 70-500   | 0.2      | 0.1    | 0.1       | 0.2      | 1    | 150-1,800 |      |
| 17 Feb 2026 | BH26-03       | 0.45 - 0.9  | BH26-03/0.45-0.9  | 26B1803_26B1803-03 | 68       | 0.1      | 3.2     | 44.0   | 0.31      | 3.2   | 0.099   | 33.2              | 12.5   | 75-1,500 | 20     | 120-15,000  | 0.1     | 0.4       | 0.04    | 650        | 70-500   | 0.2      | 0.1    | 0.1       | 0.2      | 1    | 150-1,800 |      |
| 17 Feb 2026 | BH26-04       | 1.3 - 1.5   | BH26-04/1.3-1.5   | 26B1803_26B1803-04 | 68       | 0.1      | 3.66    | 44.0   | 0.31      | 3.2   | 0.099   | 33.2              | 12.5   | 75-1,500 | 20     | 120-15,000  | 0.1     | 0.4       | 0.04    | 650        | 70-500   | 0.2      | 0.1    | 0.1       | 0.2      | 1    | 150-1,800 |      |
| 17 Feb 2026 | BH26-05       | 0.4 - 0.55  | BH26-05/0.4-0.55  | 26B1803_26B1803-05 | 5.91     | 0.16     | 3.81    | 44.9   | 0.32      | 2.9   | 0.058   | 32.8              | 10.7   | 44.7     | 29,000 | 5.68        | 9.67    | 4.78      | <0.040  | 0.90       | 24.7     | 0.77     | <0.10  | 22.3      | <0.10    | 0.32 | 41.3      |      |
| 17 Feb 2026 | BH26-06       | 1.25 - 1.5  | BH26-06/1.25-1.5  | 26B1803_26B1803-06 | 6.22     | 0.11     | 3.09    | 48.8   | 0.27      | 3.2   | 0.055   | 27.1              | 12.6   | 64.7     | 27,000 | 2.17        | 8.98    | 9.59      | <0.040  | 0.60       | 22.9     | <0.20    | <0.10  | 20.3      | <0.10    | 0.43 | 85.2      |      |
| 17 Feb 2026 | BH26-07       | 0.55 - 0.75 | BH26-07/0.55-0.75 | 26B1803_26B1803-07 | 4.54     | 0.29     | 3.90    | 74.0   | 0.36      | 2.5   | 0.092   | 26.5              | 10.7   | 36.6     | 26,000 | 9.36        | 6.36    | 9.59      | 0.043   | 0.31       | 22.0     | <0.10    | 14.9   | <0.10     | 1.15     | 74.9 |           |      |
| 17 Feb 2026 | BH26-08       | 1 - 1.5     | BH26-08/1-1.5     | 26B1803_26B1803-08 | 5.89     | 0.12     | 3.34    | 36.9   | 0.31      | 3.2   | 0.061   | 30.8              | 12.1   | 62.9     | 29,300 | 2.20        | 9.95    | 4.98      | <0.040  | 0.36       | 24.2     | <0.10    | 19.2   | <0.10     | 0.31     | 88.0 |           |      |

**Environmental Standards**

- Ministry of Environment, March 2023, BC Schedule 3.1, Part 1, RLLD - GW flow to SW used by aquatic life (fresh)
- Ministry of Environment, March 2023, BC Schedule 3.1, Part 1, RLLD - GW flow to SW used by aquatic life (marine)
- Ministry of Environment, March 2023, BC Schedule 3.1, Part 1, RLLD - GW used for drinking water
- Ministry of Environment, March 2023, BC Schedule 3.1, Part 1, RLLD - GW used for irrigation
- Ministry of Environment, March 2023, BC Schedule 3.1, Part 1, RLLD - Toxicity to soil invertebrates and plants
- Ministry of Environment, March 2023, BC Schedule 3.1, Part 2, RLLD - Human Health Soil Residential (Low Density)
- Ministry of Environment, March 2023, BC Schedule 3.1, Part 3, RLLD - Ecological Health Soil Residential (Low Density)

Table 4  
Soil Results - Salinity

| Salinity & Routine |           |
|--------------------|-----------|
| Sodium             | Chloride  |
| mg/kg              | mg/kg     |
| 1                  | 25        |
|                    | 600       |
| 15,000             | 100       |
|                    | 40        |
| 1,000,000          | 1,000,000 |
| 200                | 350       |

| Date        | Location Code | Depth       | Field ID          | Sample Code        |
|-------------|---------------|-------------|-------------------|--------------------|
| 12 Feb 2026 | BH26-01       | 0.6 - 0.75  | BH26-01/0.6-0.75  | 26B1803_26B1803-01 |
| 12 Feb 2026 | BH26-02       | 0.25 - 0.45 | BH26-02/0.25-0.45 | 26B1803_26B1803-02 |
| 12 Feb 2026 | BH26-03       | 0.3 - 0.7   | BH26-03/0.3-0.7   | 26B1803_26B1803-03 |
| 12 Feb 2026 | BH26-03       | 1.3 - 1.5   | BH26-03/1.3-1.5   | 26B1803_26B1803-04 |
| 12 Feb 2026 | BH26-04       | 0.4 - 0.55  | BH26-04/0.4-0.55  | 26B1803_26B1803-05 |
| 12 Feb 2026 | BH26-04       | 1.25 - 1.5  | BH26-04/1.25-1.5  | 26B1803_26B1803-06 |
| 12 Feb 2026 | BH26-05       | 0.55 - 0.75 | BH26-05/0.55-0.75 | 26B1803_26B1803-07 |
| 12 Feb 2026 | BH26-05       | 1 - 1.5     | BH26-05/1.0-1.5   | 26B1803_26B1803-08 |

| Date        | Location Code | Depth       | Field ID          | Sample Code        |
|-------------|---------------|-------------|-------------------|--------------------|
| 12 Feb 2026 | BH26-01       | 0.6 - 0.75  | BH26-01/0.6-0.75  | 26B1803_26B1803-01 |
| 12 Feb 2026 | BH26-02       | 0.25 - 0.45 | BH26-02/0.25-0.45 | 26B1803_26B1803-02 |
| 12 Feb 2026 | BH26-03       | 0.3 - 0.7   | BH26-03/0.3-0.7   | 26B1803_26B1803-03 |
| 12 Feb 2026 | BH26-03       | 1.3 - 1.5   | BH26-03/1.3-1.5   | 26B1803_26B1803-04 |
| 12 Feb 2026 | BH26-04       | 0.4 - 0.55  | BH26-04/0.4-0.55  | 26B1803_26B1803-05 |
| 12 Feb 2026 | BH26-04       | 1.25 - 1.5  | BH26-04/1.25-1.5  | 26B1803_26B1803-06 |
| 12 Feb 2026 | BH26-05       | 0.55 - 0.75 | BH26-05/0.55-0.75 | 26B1803_26B1803-07 |
| 12 Feb 2026 | BH26-05       | 1 - 1.5     | BH26-05/1.0-1.5   | 26B1803_26B1803-08 |

**Environmental Standards**

- Ministry of Environment, March 2023, BC Schedule 3.1 Part 1 RLLD - GW flow to SW used by aquatic life (fresh)
- Ministry of Environment, March 2023, BC Schedule 3.1 Part 1 RLLD - GW flow to SW used by aquatic life (fresh)
- Ministry of Environment, March 2023, BC Schedule 3.1 Part 1 RLLD - GW used for drinking water
- Ministry of Environment, March 2023, BC Schedule 3.1 Part 1 RLLD - GW used for irrigation
- Ministry of Environment, March 2023, BC Schedule 3.1 Part 1 RLLD - Intake of contaminated soil
- Ministry of Environment, March 2023, BC Schedule 3.1 Part 1 RLLD - Toxicity to soil invertebrates and plants
- Ministry of Environment, March 2023, BC Schedule 3.1 Part 2 RLLD - Human Health Soil Residential (Low Density)
- Ministry of Environment, March 2023, BC Schedule 3.1 Part 3 RLLD - Ecological Health Soil Residential (Low Density)

## **Appendix A – Laboratory Analytical Reports**

## CERTIFICATE OF ANALYSIS

**REPORTED TO** Waypoint Environmental Services Ltd.  
202-754 Goldstream Avenue  
Langford, BC V9B 2X3

**ATTENTION** Shane Roberts

**PO NUMBER** 26014

**PROJECT** 26014

**PROJECT INFO**

**WORK ORDER** 26B1803

**RECEIVED / TEMP** 2026-02-14 10:15 / 3.5°C

**REPORTED** 2026-02-23 15:14

**COC NUMBER** No #

### Introduction:

CARO Analytical Services is a testing laboratory full of smart, engaged scientists driven to make the world a safer and healthier place. Through our clients' projects we become an essential element for a better world. We employ methods conducted in accordance with recognized professional standards using accepted testing methodologies and quality control efforts. CARO is accredited by the Canadian Association for Laboratories Accreditation (CALA) to ISO/IEC 17025:2017 for specific tests listed in the scope of accreditation approved by CALA.

#### *Big Picture Sidekicks*



You know that the sample you collected after snowshoeing to site, digging 5 meters, and racing to get it on a plane so you can submit it to the lab for time sensitive results needed to make important and expensive decisions (whew) is VERY important. We know that too.

#### *We've Got Chemistry*



It's simple. We figure the more you enjoy working with our fun and engaged team members; the more likely you are to give us continued opportunities to support you.

#### *Ahead of the Curve*



Through research, regulation knowledge, and instrumentation, we are your analytical centre for the technical knowledge you need, BEFORE you need it, so you can stay up to date and in the know.

By engaging our services, you are agreeing to CARO Analytical Service's Standard Terms and Conditions outlined here:  
<https://www.caro.ca/terms-conditions>

If you have any questions or concerns, please contact me at [sgulenchyn@caro.ca](mailto:sgulenchyn@caro.ca)

#### Authorized By:

Sara Gulenchyn, B.Sc, P.Chem.  
Senior Account Manager

1-888-311-8846 | [www.caro.ca](http://www.caro.ca)

#110 4011 Viking Way Richmond, BC V6V 2K9 | #102 3677 Highway 97N Kelowna, BC V1X 5C3 | 17225 109 Avenue Edmonton, AB T5S 1H7 |  
#108 4475 Wayburne Drive Burnaby, BC V5G 4X4



# TEST RESULTS

**REPORTED TO PROJECT** Waypoint Environmental Services Ltd.  
26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analyte   | Result  | RL     | Units     | Analyzed   | Qualifier |
|---|---------|--------|-----------|------------|-----------|
| <b>BH26-01/0.6-0.75 (26B1803-01)   Matrix: Soil   Sampled: 2026-02-12</b> |         |        |           |            |           |
| <b>BCMOE Aggregate Hydrocarbons</b>                                       |         |        |           |            |           |
| EPHs10-19   | < 50    | 50     | mg/kg dry | 2026-02-23 |           |
| EPHs19-32   | < 50    | 50     | mg/kg dry | 2026-02-23 |           |
| LEPHs   | < 50    | 50     | mg/kg dry | N/A        |           |
| HEPHs   | < 50    | 50     | mg/kg dry | N/A        |           |
| Surrogate: 2-Methylnonane (EPH/F2-4)                                      | 80      | 60-140 | %         | 2026-02-23 |           |
| <b>General Parameters</b>   |         |        |           |            |           |
| Moisture  | 4.2     | 1.0    | % wet     | 2026-02-23 |           |
| pH (1:2 H2O Solution)   | 6.52    | 0.10   | pH units  | 2026-02-23 |           |
| <b>Polycyclic Aromatic Hydrocarbons (PAH)</b>                             |         |        |           |            |           |
| Acenaphthene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |           |
| Anthracene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |           |
| Benz(a)anthracene   | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |           |
| Benzo(a)pyrene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |           |
| Benzo(b+j)fluoranthene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |           |
| Benzo(g,h,i)perylene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |           |
| Benzo(k)fluoranthene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |           |
| Chrysene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |           |
| Dibenz(a,h)anthracene   | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |           |
| Fluoranthene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |           |
| Fluorene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |           |
| Indeno(1,2,3-cd)pyrene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |           |
| 1-Methylnaphthalene   | 0.050   | 0.050  | mg/kg dry | 2026-02-22 |           |
| 2-Methylnaphthalene   | 0.105   | 0.050  | mg/kg dry | 2026-02-22 |           |
| Naphthalene   | 0.060   | 0.050  | mg/kg dry | 2026-02-22 |           |
| Phenanthrene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |           |
| Pyrene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |           |
| Quinoline   | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |           |
| Surrogate: Acenaphthene-d10   | 70      | 50-140 | %         | 2026-02-22 |           |
| Surrogate: Chrysene-d12   | 102     | 50-140 | %         | 2026-02-22 |           |
| Surrogate: Naphthalene-d8   | 66      | 50-140 | %         | 2026-02-22 |           |
| Surrogate: Perylene-d12   | 82      | 50-140 | %         | 2026-02-22 |           |
| Surrogate: Phenanthrene-d10   | 79      | 55-140 | %         | 2026-02-22 |           |
| <b>Salinity Parameters (Sat. Paste Extract)</b>                           |         |        |           |            |           |
| Saturation  | 25.6    | 1.0    | %         | 2026-02-23 |           |
| Chloride, Saturated Paste.  | < 25.0  | 25.0   | mg/kg     | 2026-02-23 |           |
| Sodium, Saturated Paste.  | 9.9     | 1.0    | mg/kg dry | 2026-02-22 |           |
| <b>Strong Acid Leachable Metals</b>                                       |         |        |           |            |           |
| Aluminum  | 24400   | 40     | mg/kg dry | 2026-02-21 |           |
| Antimony  | 0.10    | 0.10   | mg/kg dry | 2026-02-21 |           |
| Arsenic   | 2.50    | 0.30   | mg/kg dry | 2026-02-21 |           |



# TEST RESULTS

**REPORTED TO PROJECT** Waypoint Environmental Services Ltd.  
26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analyte  | Result  | RL    | Units     | Analyzed   | Qualifier |
|--|---------|-------|-----------|------------|-----------|
| <b>BH26-01/0.6-0.75 (26B1803-01)   Matrix: Soil   Sampled: 2026-02-12, Continued</b> |         |       |           |            |           |
| <i>Strong Acid Leachable Metals, Continued</i>                                       |         |       |           |            |           |
| Barium   | 57.7    | 1.0   | mg/kg dry | 2026-02-21 |           |
| Beryllium  | 0.29    | 0.10  | mg/kg dry | 2026-02-21 |           |
| Boron  | 5.4     | 2.0   | mg/kg dry | 2026-02-21 |           |
| Cadmium  | 0.077   | 0.040 | mg/kg dry | 2026-02-21 |           |
| Chromium   | 42.3    | 1.0   | mg/kg dry | 2026-02-21 |           |
| Cobalt   | 13.0    | 0.10  | mg/kg dry | 2026-02-21 |           |
| Copper   | 60.0    | 0.40  | mg/kg dry | 2026-02-21 |           |
| Iron   | 31900   | 20.0  | mg/kg dry | 2026-02-21 |           |
| Lead   | 1.83    | 0.20  | mg/kg dry | 2026-02-21 |           |
| Lithium  | 9.02    | 0.10  | mg/kg dry | 2026-02-21 |           |
| Manganese  | 455     | 0.40  | mg/kg dry | 2026-02-21 |           |
| Mercury  | < 0.040 | 0.040 | mg/kg dry | 2026-02-21 |           |
| Molybdenum   | 1.13    | 0.10  | mg/kg dry | 2026-02-21 |           |
| Nickel   | 25.9    | 0.60  | mg/kg dry | 2026-02-21 |           |
| Selenium   | 0.24    | 0.20  | mg/kg dry | 2026-02-21 |           |
| Silver   | 0.14    | 0.10  | mg/kg dry | 2026-02-21 |           |
| Strontium  | 32.7    | 0.20  | mg/kg dry | 2026-02-21 |           |
| Thallium   | < 0.10  | 0.10  | mg/kg dry | 2026-02-21 |           |
| Tin  | 0.33    | 0.20  | mg/kg dry | 2026-02-21 |           |
| Vanadium   | 94.3    | 1.0   | mg/kg dry | 2026-02-21 |           |
| Zinc   | 41.0    | 2.0   | mg/kg dry | 2026-02-21 |           |

**BH26-02/0.25-0.45 (26B1803-02) | Matrix: Soil | Sampled: 2026-02-12**

**BCMOE Aggregate Hydrocarbons**

|                                      |      |        |           |            |  |
|--------------------------------------|------|--------|-----------|------------|--|
| EPHs10-19                            | < 50 | 50     | mg/kg dry | 2026-02-23 |  |
| EPHs19-32                            | 83   | 50     | mg/kg dry | 2026-02-23 |  |
| LEPHs                                | < 50 | 50     | mg/kg dry | N/A        |  |
| HEPHs                                | 82   | 50     | mg/kg dry | N/A        |  |
| Surrogate: 2-Methylnonane (EPH/F2-4) | 89   | 60-140 | %         | 2026-02-23 |  |

**General Parameters**

|                       |      |      |          |            |  |
|-----------------------|------|------|----------|------------|--|
| Moisture              | 2.8  | 1.0  | % wet    | 2026-02-23 |  |
| pH (1:2 H2O Solution) | 6.68 | 0.10 | pH units | 2026-02-23 |  |

**Polycyclic Aromatic Hydrocarbons (PAH)**

|                        |         |       |           |            |  |
|------------------------|---------|-------|-----------|------------|--|
| Acenaphthene           | < 0.050 | 0.050 | mg/kg dry | 2026-02-22 |  |
| Anthracene             | < 0.050 | 0.050 | mg/kg dry | 2026-02-22 |  |
| Benz(a)anthracene      | 0.108   | 0.050 | mg/kg dry | 2026-02-22 |  |
| Benzo(a)pyrene         | 0.158   | 0.050 | mg/kg dry | 2026-02-22 |  |
| Benzo(b+j)fluoranthene | 0.201   | 0.050 | mg/kg dry | 2026-02-22 |  |
| Benzo(g,h,i)perylene   | 0.154   | 0.050 | mg/kg dry | 2026-02-22 |  |
| Benzo(k)fluoranthene   | 0.080   | 0.050 | mg/kg dry | 2026-02-22 |  |

# TEST RESULTS

**REPORTED TO PROJECT** Waypoint Environmental Services Ltd.  
26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---------|--------|----|-------|----------|-----------|
|---------|--------|----|-------|----------|-----------|

**BH26-02/0.25-0.45 (26B1803-02) | Matrix: Soil | Sampled: 2026-02-12, Continued**

**Polycyclic Aromatic Hydrocarbons (PAH), Continued**

|                             |         |        |           |            |  |
|-----------------------------|---------|--------|-----------|------------|--|
| Chrysene                    | 0.156   | 0.050  | mg/kg dry | 2026-02-22 |  |
| Dibenz(a,h)anthracene       | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Fluoranthene                | 0.202   | 0.050  | mg/kg dry | 2026-02-22 |  |
| Fluorene                    | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Indeno(1,2,3-cd)pyrene      | 0.123   | 0.050  | mg/kg dry | 2026-02-22 |  |
| 1-Methylnaphthalene         | 0.071   | 0.050  | mg/kg dry | 2026-02-22 |  |
| 2-Methylnaphthalene         | 0.136   | 0.050  | mg/kg dry | 2026-02-22 |  |
| Naphthalene                 | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Phenanthrene                | 0.084   | 0.050  | mg/kg dry | 2026-02-22 |  |
| Pyrene                      | 0.199   | 0.050  | mg/kg dry | 2026-02-22 |  |
| Quinoline                   | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Surrogate: Acenaphthene-d10 | 70      | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Chrysene-d12     | 103     | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Naphthalene-d8   | 66      | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Perylene-d12     | 83      | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Phenanthrene-d10 | 79      | 55-140 | %         | 2026-02-22 |  |

**Salinity Parameters (Sat. Paste Extract)**

|                            |        |      |           |            |  |
|----------------------------|--------|------|-----------|------------|--|
| Saturation                 | 20.7   | 1.0  | %         | 2026-02-23 |  |
| Chloride, Saturated Paste. | < 25.0 | 25.0 | mg/kg     | 2026-02-23 |  |
| Sodium, Saturated Paste.   | 10.7   | 1.0  | mg/kg dry | 2026-02-23 |  |

**Strong Acid Leachable Metals**

|            |         |       |           |            |  |
|------------|---------|-------|-----------|------------|--|
| Aluminum   | 19600   | 40    | mg/kg dry | 2026-02-23 |  |
| Antimony   | 0.21    | 0.10  | mg/kg dry | 2026-02-23 |  |
| Arsenic    | 2.97    | 0.30  | mg/kg dry | 2026-02-23 |  |
| Barium     | 45.3    | 1.0   | mg/kg dry | 2026-02-23 |  |
| Beryllium  | 0.24    | 0.10  | mg/kg dry | 2026-02-23 |  |
| Boron      | 2.9     | 2.0   | mg/kg dry | 2026-02-23 |  |
| Cadmium    | 0.101   | 0.040 | mg/kg dry | 2026-02-23 |  |
| Chromium   | 33.2    | 1.0   | mg/kg dry | 2026-02-23 |  |
| Cobalt     | 13.7    | 0.10  | mg/kg dry | 2026-02-23 |  |
| Copper     | 59.0    | 0.40  | mg/kg dry | 2026-02-23 |  |
| Iron       | 29200   | 20.0  | mg/kg dry | 2026-02-23 |  |
| Lead       | 18.0    | 0.20  | mg/kg dry | 2026-02-23 |  |
| Lithium    | 8.74    | 0.10  | mg/kg dry | 2026-02-23 |  |
| Manganese  | 542     | 0.40  | mg/kg dry | 2026-02-23 |  |
| Mercury    | < 0.040 | 0.040 | mg/kg dry | 2026-02-23 |  |
| Molybdenum | 0.85    | 0.10  | mg/kg dry | 2026-02-23 |  |
| Nickel     | 26.1    | 0.60  | mg/kg dry | 2026-02-23 |  |
| Selenium   | < 0.20  | 0.20  | mg/kg dry | 2026-02-23 |  |
| Silver     | < 0.10  | 0.10  | mg/kg dry | 2026-02-23 |  |
| Strontium  | 23.5    | 0.20  | mg/kg dry | 2026-02-23 |  |
| Thallium   | < 0.10  | 0.10  | mg/kg dry | 2026-02-23 |  |

# TEST RESULTS

**REPORTED TO PROJECT** Waypoint Environmental Services Ltd.  
26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---------|--------|----|-------|----------|-----------|
|---------|--------|----|-------|----------|-----------|

**BH26-02/0.25-0.45 (26B1803-02) | Matrix: Soil | Sampled: 2026-02-12, Continued**

**Strong Acid Leachable Metals, Continued**

|          |      |      |           |            |  |
|----------|------|------|-----------|------------|--|
| Tin      | 0.44 | 0.20 | mg/kg dry | 2026-02-23 |  |
| Vanadium | 73.9 | 1.0  | mg/kg dry | 2026-02-23 |  |
| Zinc     | 50.8 | 2.0  | mg/kg dry | 2026-02-23 |  |

**BH26-03/0.3-0.7 (26B1803-03) | Matrix: Soil | Sampled: 2026-02-12**

**BCMOE Aggregate Hydrocarbons**

|                                      |      |        |           |            |  |
|--------------------------------------|------|--------|-----------|------------|--|
| EPHs10-19                            | < 50 | 50     | mg/kg dry | 2026-02-23 |  |
| EPHs19-32                            | < 50 | 50     | mg/kg dry | 2026-02-23 |  |
| LEPHs                                | < 50 | 50     | mg/kg dry | N/A        |  |
| HEPHs                                | < 50 | 50     | mg/kg dry | N/A        |  |
| Surrogate: 2-Methylnonane (EPH/F2-4) | 82   | 60-140 | %         | 2026-02-23 |  |

**General Parameters**

|                       |      |      |          |            |  |
|-----------------------|------|------|----------|------------|--|
| Moisture              | 8.4  | 1.0  | % wet    | 2026-02-23 |  |
| pH (1:2 H2O Solution) | 5.32 | 0.10 | pH units | 2026-02-23 |  |

**Polycyclic Aromatic Hydrocarbons (PAH)**

|                             |         |        |           |            |  |
|-----------------------------|---------|--------|-----------|------------|--|
| Acenaphthene                | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Anthracene                  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benz(a)anthracene           | 0.065   | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(a)pyrene              | 0.102   | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(b+j)fluoranthene      | 0.124   | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(g,h,i)perylene        | 0.085   | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(k)fluoranthene        | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Chrysene                    | 0.095   | 0.050  | mg/kg dry | 2026-02-22 |  |
| Dibenz(a,h)anthracene       | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Fluoranthene                | 0.121   | 0.050  | mg/kg dry | 2026-02-22 |  |
| Fluorene                    | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Indeno(1,2,3-cd)pyrene      | 0.075   | 0.050  | mg/kg dry | 2026-02-22 |  |
| 1-Methylnaphthalene         | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| 2-Methylnaphthalene         | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Naphthalene                 | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Phenanthrene                | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Pyrene                      | 0.132   | 0.050  | mg/kg dry | 2026-02-22 |  |
| Quinoline                   | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Surrogate: Acenaphthene-d10 | 75      | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Chrysene-d12     | 115     | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Naphthalene-d8   | 71      | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Perylene-d12     | 91      | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Phenanthrene-d10 | 86      | 55-140 | %         | 2026-02-22 |  |

**Salinity Parameters (Sat. Paste Extract)**

|            |      |     |   |            |  |
|------------|------|-----|---|------------|--|
| Saturation | 25.3 | 1.0 | % | 2026-02-23 |  |
|------------|------|-----|---|------------|--|



# TEST RESULTS

**REPORTED TO PROJECT** Waypoint Environmental Services Ltd.  
26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---------|--------|----|-------|----------|-----------|
|---------|--------|----|-------|----------|-----------|

**BH26-03/0.3-0.7 (26B1803-03) | Matrix: Soil | Sampled: 2026-02-12, Continued**

**Salinity Parameters (Sat. Paste Extract), Continued**

|                            |        |      |           |            |  |
|----------------------------|--------|------|-----------|------------|--|
| Chloride, Saturated Paste. | < 25.0 | 25.0 | mg/kg     | 2026-02-23 |  |
| Sodium, Saturated Paste.   | 1.1    | 1.0  | mg/kg dry | 2026-02-22 |  |

**Strong Acid Leachable Metals**

|            |         |       |           |            |  |
|------------|---------|-------|-----------|------------|--|
| Aluminum   | 21300   | 40    | mg/kg dry | 2026-02-21 |  |
| Antimony   | 0.31    | 0.10  | mg/kg dry | 2026-02-21 |  |
| Arsenic    | 4.25    | 0.30  | mg/kg dry | 2026-02-21 |  |
| Barium     | 71.5    | 1.0   | mg/kg dry | 2026-02-21 |  |
| Beryllium  | 0.33    | 0.10  | mg/kg dry | 2026-02-21 |  |
| Boron      | 3.9     | 2.0   | mg/kg dry | 2026-02-21 |  |
| Cadmium    | 0.185   | 0.040 | mg/kg dry | 2026-02-21 |  |
| Chromium   | 28.9    | 1.0   | mg/kg dry | 2026-02-21 |  |
| Cobalt     | 10.7    | 0.10  | mg/kg dry | 2026-02-21 |  |
| Copper     | 42.5    | 0.40  | mg/kg dry | 2026-02-21 |  |
| Iron       | 26200   | 20.0  | mg/kg dry | 2026-02-21 |  |
| Lead       | 27.2    | 0.20  | mg/kg dry | 2026-02-21 |  |
| Lithium    | 10.1    | 0.10  | mg/kg dry | 2026-02-21 |  |
| Manganese  | 681     | 0.40  | mg/kg dry | 2026-02-21 |  |
| Mercury    | < 0.040 | 0.040 | mg/kg dry | 2026-02-21 |  |
| Molybdenum | 0.45    | 0.10  | mg/kg dry | 2026-02-21 |  |
| Nickel     | 23.0    | 0.60  | mg/kg dry | 2026-02-21 |  |
| Selenium   | 0.27    | 0.20  | mg/kg dry | 2026-02-21 |  |
| Silver     | < 0.10  | 0.10  | mg/kg dry | 2026-02-21 |  |
| Strontium  | 22.3    | 0.20  | mg/kg dry | 2026-02-21 |  |
| Thallium   | < 0.10  | 0.10  | mg/kg dry | 2026-02-21 |  |
| Tin        | 0.75    | 0.20  | mg/kg dry | 2026-02-21 |  |
| Vanadium   | 73.7    | 1.0   | mg/kg dry | 2026-02-21 |  |
| Zinc       | 71.2    | 2.0   | mg/kg dry | 2026-02-21 |  |

**BH26-03/1.3-1.5 (26B1803-04) | Matrix: Soil | Sampled: 2026-02-12**

**BCMOE Aggregate Hydrocarbons**

|                                      |      |        |           |            |  |
|--------------------------------------|------|--------|-----------|------------|--|
| EPHs10-19                            | < 50 | 50     | mg/kg dry | 2026-02-23 |  |
| EPHs19-32                            | < 50 | 50     | mg/kg dry | 2026-02-23 |  |
| LEPHs                                | < 50 | 50     | mg/kg dry | N/A        |  |
| HEPHs                                | < 50 | 50     | mg/kg dry | N/A        |  |
| Surrogate: 2-Methylnonane (EPH/F2-4) | 74   | 60-140 | %         | 2026-02-23 |  |

**General Parameters**

|                       |      |      |          |            |  |
|-----------------------|------|------|----------|------------|--|
| Moisture              | 4.4  | 1.0  | % wet    | 2026-02-23 |  |
| pH (1:2 H2O Solution) | 6.02 | 0.10 | pH units | 2026-02-23 |  |

**Polycyclic Aromatic Hydrocarbons (PAH)**

|              |         |       |           |            |  |
|--------------|---------|-------|-----------|------------|--|
| Acenaphthene | < 0.050 | 0.050 | mg/kg dry | 2026-02-22 |  |
|--------------|---------|-------|-----------|------------|--|



# TEST RESULTS

**REPORTED TO PROJECT** Waypoint Environmental Services Ltd.  
26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---------|--------|----|-------|----------|-----------|
|---------|--------|----|-------|----------|-----------|

**BH26-03/1.3-1.5 (26B1803-04) | Matrix: Soil | Sampled: 2026-02-12, Continued**

**Polycyclic Aromatic Hydrocarbons (PAH), Continued**

|                             |         |        |           |            |  |
|-----------------------------|---------|--------|-----------|------------|--|
| Anthracene                  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benz(a)anthracene           | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(a)pyrene              | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(b+j)fluoranthene      | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(g,h,i)perylene        | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(k)fluoranthene        | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Chrysene                    | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Dibenz(a,h)anthracene       | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Fluoranthene                | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Fluorene                    | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Indeno(1,2,3-cd)pyrene      | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| 1-Methylnaphthalene         | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| 2-Methylnaphthalene         | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Naphthalene                 | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Phenanthrene                | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Pyrene                      | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Quinoline                   | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Surrogate: Acenaphthene-d10 | 76      | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Chrysene-d12     | 115     | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Naphthalene-d8   | 69      | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Perylene-d12     | 88      | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Phenanthrene-d10 | 86      | 55-140 | %         | 2026-02-22 |  |

**Salinity Parameters (Sat. Paste Extract)**

|                            |        |      |           |            |  |
|----------------------------|--------|------|-----------|------------|--|
| Saturation                 | 27.2   | 1.0  | %         | 2026-02-23 |  |
| Chloride, Saturated Paste. | < 25.0 | 25.0 | mg/kg     | 2026-02-23 |  |
| Sodium, Saturated Paste.   | 3.2    | 1.0  | mg/kg dry | 2026-02-22 |  |

**Strong Acid Leachable Metals**

|           |         |       |           |            |  |
|-----------|---------|-------|-----------|------------|--|
| Aluminum  | 23000   | 40    | mg/kg dry | 2026-02-21 |  |
| Antimony  | 0.14    | 0.10  | mg/kg dry | 2026-02-21 |  |
| Arsenic   | 3.06    | 0.30  | mg/kg dry | 2026-02-21 |  |
| Barium    | 44.0    | 1.0   | mg/kg dry | 2026-02-21 |  |
| Beryllium | 0.31    | 0.10  | mg/kg dry | 2026-02-21 |  |
| Boron     | 3.4     | 2.0   | mg/kg dry | 2026-02-21 |  |
| Cadmium   | 0.059   | 0.040 | mg/kg dry | 2026-02-21 |  |
| Chromium  | 33.8    | 1.0   | mg/kg dry | 2026-02-21 |  |
| Cobalt    | 12.5    | 0.10  | mg/kg dry | 2026-02-21 |  |
| Copper    | 52.3    | 0.40  | mg/kg dry | 2026-02-21 |  |
| Iron      | 30600   | 20.0  | mg/kg dry | 2026-02-21 |  |
| Lead      | 3.21    | 0.20  | mg/kg dry | 2026-02-21 |  |
| Lithium   | 9.26    | 0.10  | mg/kg dry | 2026-02-21 |  |
| Manganese | 445     | 0.40  | mg/kg dry | 2026-02-21 |  |
| Mercury   | < 0.040 | 0.040 | mg/kg dry | 2026-02-21 |  |



# TEST RESULTS

**REPORTED TO PROJECT** Waypoint Environmental Services Ltd.  
26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analyte   | Result | RL   | Units     | Analyzed   | Qualifier |
|---|--------|------|-----------|------------|-----------|
| <b>BH26-03/1.3-1.5 (26B1803-04)   Matrix: Soil   Sampled: 2026-02-12, Continued</b> |        |      |           |            |           |
| <i>Strong Acid Leachable Metals, Continued</i>                                      |        |      |           |            |           |
| Molybdenum  | 0.44   | 0.10 | mg/kg dry | 2026-02-21 |           |
| Nickel  | 24.1   | 0.60 | mg/kg dry | 2026-02-21 |           |
| Selenium  | 0.27   | 0.20 | mg/kg dry | 2026-02-21 |           |
| Silver  | < 0.10 | 0.10 | mg/kg dry | 2026-02-21 |           |
| Strontium   | 22.3   | 0.20 | mg/kg dry | 2026-02-21 |           |
| Thallium  | < 0.10 | 0.10 | mg/kg dry | 2026-02-21 |           |
| Tin   | 0.34   | 0.20 | mg/kg dry | 2026-02-21 |           |
| Vanadium  | 96.6   | 1.0  | mg/kg dry | 2026-02-21 |           |
| Zinc  | 41.3   | 2.0  | mg/kg dry | 2026-02-21 |           |

**BH26-04/0.4-0.55 (26B1803-05) | Matrix: Soil | Sampled: 2026-02-12**

*BCMOE Aggregate Hydrocarbons*

|                                      |      |        |           |            |  |
|--------------------------------------|------|--------|-----------|------------|--|
| EPHs10-19                            | < 50 | 50     | mg/kg dry | 2026-02-23 |  |
| EPHs19-32                            | < 50 | 50     | mg/kg dry | 2026-02-23 |  |
| LEPHs                                | < 50 | 50     | mg/kg dry | N/A        |  |
| HEPHs                                | < 50 | 50     | mg/kg dry | N/A        |  |
| Surrogate: 2-Methylnonane (EPH/F2-4) | 77   | 60-140 | %         | 2026-02-23 |  |

*General Parameters*

|                       |      |      |          |            |  |
|-----------------------|------|------|----------|------------|--|
| Moisture              | 6.7  | 1.0  | % wet    | 2026-02-23 |  |
| pH (1:2 H2O Solution) | 5.91 | 0.10 | pH units | 2026-02-23 |  |

*Polycyclic Aromatic Hydrocarbons (PAH)*

|                             |         |        |           |            |  |
|-----------------------------|---------|--------|-----------|------------|--|
| Acenaphthene                | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Anthracene                  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benz(a)anthracene           | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(a)pyrene              | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(b+j)fluoranthene      | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(g,h,i)perylene        | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(k)fluoranthene        | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Chrysene                    | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Dibenz(a,h)anthracene       | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Fluoranthene                | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Fluorene                    | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Indeno(1,2,3-cd)pyrene      | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| 1-Methylnaphthalene         | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| 2-Methylnaphthalene         | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Naphthalene                 | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Phenanthrene                | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Pyrene                      | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Quinoline                   | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Surrogate: Acenaphthene-d10 | 67      | 50-140 | %         | 2026-02-22 |  |

# TEST RESULTS

**REPORTED TO PROJECT** Waypoint Environmental Services Ltd.  
26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analyte  | Result  | RL     | Units     | Analyzed   | Qualifier |
|--|---------|--------|-----------|------------|-----------|
| <b>BH26-04/0.4-0.55 (26B1803-05)   Matrix: Soil   Sampled: 2026-02-12, Continued</b> |         |        |           |            |           |
| <i>Polycyclic Aromatic Hydrocarbons (PAH), Continued</i>                             |         |        |           |            |           |
| Surrogate: Chrysene-d12  | 106     | 50-140 | %         | 2026-02-22 |           |
| Surrogate: Naphthalene-d8  | 63      | 50-140 | %         | 2026-02-22 |           |
| Surrogate: Perylene-d12  | 82      | 50-140 | %         | 2026-02-22 |           |
| Surrogate: Phenanthrene-d10  | 77      | 55-140 | %         | 2026-02-22 |           |
| <i>Salinity Parameters (Sat. Paste Extract)</i>                                      |         |        |           |            |           |
| Saturation   | 23.3    | 1.0    | %         | 2026-02-23 |           |
| Chloride, Saturated Paste.   | < 25.0  | 25.0   | mg/kg     | 2026-02-23 |           |
| Sodium, Saturated Paste.   | 1.3     | 1.0    | mg/kg dry | 2026-02-23 |           |
| <i>Strong Acid Leachable Metals</i>  |         |        |           |            |           |
| Aluminum   | 23700   | 40     | mg/kg dry | 2026-02-23 |           |
| Antimony   | 0.16    | 0.10   | mg/kg dry | 2026-02-23 |           |
| Arsenic  | 3.81    | 0.30   | mg/kg dry | 2026-02-23 |           |
| Barium   | 44.9    | 1.0    | mg/kg dry | 2026-02-23 |           |
| Beryllium  | 0.32    | 0.10   | mg/kg dry | 2026-02-23 |           |
| Boron  | 2.9     | 2.0    | mg/kg dry | 2026-02-23 |           |
| Cadmium  | 0.058   | 0.040  | mg/kg dry | 2026-02-23 |           |
| Chromium   | 32.8    | 1.0    | mg/kg dry | 2026-02-23 |           |
| Cobalt   | 10.7    | 0.10   | mg/kg dry | 2026-02-23 |           |
| Copper   | 44.7    | 0.40   | mg/kg dry | 2026-02-23 |           |
| Iron   | 29000   | 20.0   | mg/kg dry | 2026-02-23 |           |
| Lead   | 5.68    | 0.20   | mg/kg dry | 2026-02-23 |           |
| Lithium  | 9.67    | 0.10   | mg/kg dry | 2026-02-23 |           |
| Manganese  | 478     | 0.40   | mg/kg dry | 2026-02-23 |           |
| Mercury  | < 0.040 | 0.040  | mg/kg dry | 2026-02-23 |           |
| Molybdenum   | 0.90    | 0.10   | mg/kg dry | 2026-02-23 |           |
| Nickel   | 24.7    | 0.60   | mg/kg dry | 2026-02-23 |           |
| Selenium   | 0.26    | 0.20   | mg/kg dry | 2026-02-23 |           |
| Silver   | < 0.10  | 0.10   | mg/kg dry | 2026-02-23 |           |
| Strontium  | 19.7    | 0.20   | mg/kg dry | 2026-02-23 |           |
| Thallium   | < 0.10  | 0.10   | mg/kg dry | 2026-02-23 |           |
| Tin  | 0.43    | 0.20   | mg/kg dry | 2026-02-23 |           |
| Vanadium   | 85.2    | 1.0    | mg/kg dry | 2026-02-23 |           |
| Zinc   | 42.5    | 2.0    | mg/kg dry | 2026-02-23 |           |

**BH26-04/1.25-1.5 (26B1803-06) | Matrix: Soil | Sampled: 2026-02-12**

*BCMOE Aggregate Hydrocarbons*

|           |      |    |           |            |  |
|-----------|------|----|-----------|------------|--|
| EPHs10-19 | < 50 | 50 | mg/kg dry | 2026-02-23 |  |
| EPHs19-32 | < 50 | 50 | mg/kg dry | 2026-02-23 |  |
| LEPHs     | < 50 | 50 | mg/kg dry | N/A        |  |
| HEPHs     | < 50 | 50 | mg/kg dry | N/A        |  |



# TEST RESULTS

**REPORTED TO PROJECT** Waypoint Environmental Services Ltd.  
26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---------|--------|----|-------|----------|-----------|
|---------|--------|----|-------|----------|-----------|

**BH26-04/1.25-1.5 (26B1803-06) | Matrix: Soil | Sampled: 2026-02-12, Continued**

**BCMOE Aggregate Hydrocarbons, Continued**

|                                      |    |        |   |            |  |
|--------------------------------------|----|--------|---|------------|--|
| Surrogate: 2-Methylnonane (EPH/F2-4) | 72 | 60-140 | % | 2026-02-23 |  |
|--------------------------------------|----|--------|---|------------|--|

**General Parameters**

|                       |      |      |          |            |  |
|-----------------------|------|------|----------|------------|--|
| Moisture              | 3.5  | 1.0  | % wet    | 2026-02-23 |  |
| pH (1:2 H2O Solution) | 6.22 | 0.10 | pH units | 2026-02-23 |  |

**Polycyclic Aromatic Hydrocarbons (PAH)**

|                             |         |        |           |            |  |
|-----------------------------|---------|--------|-----------|------------|--|
| Acenaphthene                | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Anthracene                  | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benz(a)anthracene           | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(a)pyrene              | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(b+j)fluoranthene      | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(g,h,i)perylene        | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Benzo(k)fluoranthene        | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Chrysene                    | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Dibenz(a,h)anthracene       | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Fluoranthene                | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Fluorene                    | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Indeno(1,2,3-cd)pyrene      | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| 1-Methylnaphthalene         | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| 2-Methylnaphthalene         | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Naphthalene                 | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Phenanthrene                | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Pyrene                      | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Quinoline                   | < 0.050 | 0.050  | mg/kg dry | 2026-02-22 |  |
| Surrogate: Acenaphthene-d10 | 69      | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Chrysene-d12     | 102     | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Naphthalene-d8   | 66      | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Perylene-d12     | 79      | 50-140 | %         | 2026-02-22 |  |
| Surrogate: Phenanthrene-d10 | 77      | 55-140 | %         | 2026-02-22 |  |

**Salinity Parameters (Sat. Paste Extract)**

|                            |        |      |           |            |  |
|----------------------------|--------|------|-----------|------------|--|
| Saturation                 | 30.1   | 1.0  | %         | 2026-02-23 |  |
| Chloride, Saturated Paste. | < 25.0 | 25.0 | mg/kg     | 2026-02-23 |  |
| Sodium, Saturated Paste.   | 3.7    | 1.0  | mg/kg dry | 2026-02-22 |  |

**Strong Acid Leachable Metals**

|           |       |       |           |            |  |
|-----------|-------|-------|-----------|------------|--|
| Aluminum  | 18900 | 40    | mg/kg dry | 2026-02-21 |  |
| Antimony  | 0.11  | 0.10  | mg/kg dry | 2026-02-21 |  |
| Arsenic   | 3.09  | 0.30  | mg/kg dry | 2026-02-21 |  |
| Barium    | 48.8  | 1.0   | mg/kg dry | 2026-02-21 |  |
| Beryllium | 0.27  | 0.10  | mg/kg dry | 2026-02-21 |  |
| Boron     | 3.2   | 2.0   | mg/kg dry | 2026-02-21 |  |
| Cadmium   | 0.065 | 0.040 | mg/kg dry | 2026-02-21 |  |

# TEST RESULTS

**REPORTED TO PROJECT** Waypoint Environmental Services Ltd.  
26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analyte  | Result  | RL    | Units     | Analyzed   | Qualifier |
|--|---------|-------|-----------|------------|-----------|
| <b>BH26-04/1.25-1.5 (26B1803-06)   Matrix: Soil   Sampled: 2026-02-12, Continued</b> |         |       |           |            |           |
| <i>Strong Acid Leachable Metals, Continued</i>                                       |         |       |           |            |           |
| Chromium   | 27.1    | 1.0   | mg/kg dry | 2026-02-21 |           |
| Cobalt   | 12.6    | 0.10  | mg/kg dry | 2026-02-21 |           |
| Copper   | 64.7    | 0.40  | mg/kg dry | 2026-02-21 |           |
| Iron   | 27700   | 20.0  | mg/kg dry | 2026-02-21 |           |
| Lead   | 2.17    | 0.20  | mg/kg dry | 2026-02-21 |           |
| Lithium  | 8.98    | 0.10  | mg/kg dry | 2026-02-21 |           |
| Manganese  | 599     | 0.40  | mg/kg dry | 2026-02-21 |           |
| Mercury  | < 0.040 | 0.040 | mg/kg dry | 2026-02-21 |           |
| Molybdenum   | 0.60    | 0.10  | mg/kg dry | 2026-02-21 |           |
| Nickel   | 22.9    | 0.60  | mg/kg dry | 2026-02-21 |           |
| Selenium   | < 0.20  | 0.20  | mg/kg dry | 2026-02-21 |           |
| Silver   | < 0.10  | 0.10  | mg/kg dry | 2026-02-21 |           |
| Strontium  | 20.3    | 0.20  | mg/kg dry | 2026-02-21 |           |
| Thallium   | < 0.10  | 0.10  | mg/kg dry | 2026-02-21 |           |
| Tin  | 0.29    | 0.20  | mg/kg dry | 2026-02-21 |           |
| Vanadium   | 78.1    | 1.0   | mg/kg dry | 2026-02-21 |           |
| Zinc   | 38.8    | 2.0   | mg/kg dry | 2026-02-21 |           |

**BH26-05/0.55-0.75 (26B1803-07) | Matrix: Soil | Sampled: 2026-02-12**

|                                      |      |        |           |            |  |
|--------------------------------------|------|--------|-----------|------------|--|
| <i>BCMOE Aggregate Hydrocarbons</i>  |      |        |           |            |  |
| EPHs10-19                            | < 50 | 50     | mg/kg dry | 2026-02-23 |  |
| EPHs19-32                            | 530  | 50     | mg/kg dry | 2026-02-23 |  |
| LEPHs                                | < 50 | 50     | mg/kg dry | N/A        |  |
| HEPHs                                | 530  | 50     | mg/kg dry | N/A        |  |
| Surrogate: 2-Methylnonane (EPH/F2-4) | 76   | 60-140 | %         | 2026-02-23 |  |

**General Parameters**

|                       |      |      |          |            |  |
|-----------------------|------|------|----------|------------|--|
| Moisture              | 8.6  | 1.0  | % wet    | 2026-02-23 |  |
| pH (1:2 H2O Solution) | 4.54 | 0.10 | pH units | 2026-02-23 |  |

**Polycyclic Aromatic Hydrocarbons (PAH)**

|                        |         |       |           |            |  |
|------------------------|---------|-------|-----------|------------|--|
| Acenaphthene           | < 0.050 | 0.050 | mg/kg dry | 2026-02-23 |  |
| Anthracene             | < 0.050 | 0.050 | mg/kg dry | 2026-02-23 |  |
| Benz(a)anthracene      | < 0.050 | 0.050 | mg/kg dry | 2026-02-23 |  |
| Benzo(a)pyrene         | < 0.050 | 0.050 | mg/kg dry | 2026-02-23 |  |
| Benzo(b+j)fluoranthene | < 0.050 | 0.050 | mg/kg dry | 2026-02-23 |  |
| Benzo(g,h,i)perylene   | < 0.050 | 0.050 | mg/kg dry | 2026-02-23 |  |
| Benzo(k)fluoranthene   | < 0.050 | 0.050 | mg/kg dry | 2026-02-23 |  |
| Chrysene               | < 0.050 | 0.050 | mg/kg dry | 2026-02-23 |  |
| Dibenz(a,h)anthracene  | < 0.050 | 0.050 | mg/kg dry | 2026-02-23 |  |
| Fluoranthene           | < 0.050 | 0.050 | mg/kg dry | 2026-02-23 |  |
| Fluorene               | < 0.050 | 0.050 | mg/kg dry | 2026-02-23 |  |

# TEST RESULTS

**REPORTED TO PROJECT** Waypoint Environmental Services Ltd.  
26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---------|--------|----|-------|----------|-----------|
|---------|--------|----|-------|----------|-----------|

**BH26-05/0.55-0.75 (26B1803-07) | Matrix: Soil | Sampled: 2026-02-12, Continued**

**Polycyclic Aromatic Hydrocarbons (PAH), Continued**

|                             |         |        |           |            |  |
|-----------------------------|---------|--------|-----------|------------|--|
| Indeno(1,2,3-cd)pyrene      | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |  |
| 1-Methylnaphthalene         | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |  |
| 2-Methylnaphthalene         | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |  |
| Naphthalene                 | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |  |
| Phenanthrene                | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |  |
| Pyrene                      | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |  |
| Quinoline                   | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |  |
| Surrogate: Acenaphthene-d10 | 69      | 50-140 | %         | 2026-02-23 |  |
| Surrogate: Chrysene-d12     | 105     | 50-140 | %         | 2026-02-23 |  |
| Surrogate: Naphthalene-d8   | 65      | 50-140 | %         | 2026-02-23 |  |
| Surrogate: Perylene-d12     | 79      | 50-140 | %         | 2026-02-23 |  |
| Surrogate: Phenanthrene-d10 | 78      | 55-140 | %         | 2026-02-23 |  |

**Salinity Parameters (Sat. Paste Extract)**

|                            |        |      |           |            |  |
|----------------------------|--------|------|-----------|------------|--|
| Saturation                 | 31.8   | 1.0  | %         | 2026-02-23 |  |
| Chloride, Saturated Paste. | < 25.0 | 25.0 | mg/kg     | 2026-02-23 |  |
| Sodium, Saturated Paste.   | 15.2   | 1.0  | mg/kg dry | 2026-02-23 |  |

**Strong Acid Leachable Metals**

|            |        |       |           |            |  |
|------------|--------|-------|-----------|------------|--|
| Aluminum   | 22500  | 40    | mg/kg dry | 2026-02-23 |  |
| Antimony   | 0.29   | 0.10  | mg/kg dry | 2026-02-23 |  |
| Arsenic    | 3.90   | 0.30  | mg/kg dry | 2026-02-23 |  |
| Barium     | 74.0   | 1.0   | mg/kg dry | 2026-02-23 |  |
| Beryllium  | 0.36   | 0.10  | mg/kg dry | 2026-02-23 |  |
| Boron      | 2.5    | 2.0   | mg/kg dry | 2026-02-23 |  |
| Cadmium    | 0.092  | 0.040 | mg/kg dry | 2026-02-23 |  |
| Chromium   | 26.5   | 1.0   | mg/kg dry | 2026-02-23 |  |
| Cobalt     | 10.7   | 0.10  | mg/kg dry | 2026-02-23 |  |
| Copper     | 36.6   | 0.40  | mg/kg dry | 2026-02-23 |  |
| Iron       | 26600  | 20.0  | mg/kg dry | 2026-02-23 |  |
| Lead       | 9.36   | 0.20  | mg/kg dry | 2026-02-23 |  |
| Lithium    | 8.36   | 0.10  | mg/kg dry | 2026-02-23 |  |
| Manganese  | 939    | 0.40  | mg/kg dry | 2026-02-23 |  |
| Mercury    | 0.043  | 0.040 | mg/kg dry | 2026-02-23 |  |
| Molybdenum | 0.31   | 0.10  | mg/kg dry | 2026-02-23 |  |
| Nickel     | 22.0   | 0.60  | mg/kg dry | 2026-02-23 |  |
| Selenium   | 0.23   | 0.20  | mg/kg dry | 2026-02-23 |  |
| Silver     | < 0.10 | 0.10  | mg/kg dry | 2026-02-23 |  |
| Strontium  | 14.9   | 0.20  | mg/kg dry | 2026-02-23 |  |
| Thallium   | < 0.10 | 0.10  | mg/kg dry | 2026-02-23 |  |
| Tin        | 1.15   | 0.20  | mg/kg dry | 2026-02-23 |  |
| Vanadium   | 74.9   | 1.0   | mg/kg dry | 2026-02-23 |  |
| Zinc       | 69.0   | 2.0   | mg/kg dry | 2026-02-23 |  |



# TEST RESULTS

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26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analyte  | Result  | RL     | Units     | Analyzed   | Qualifier |
|--|---------|--------|-----------|------------|-----------|
| <b>BH26-05/1.0-1.5 (26B1803-08)   Matrix: Soil   Sampled: 2026-02-12</b> |         |        |           |            |           |
| <b>BCMOE Aggregate Hydrocarbons</b>                                      |         |        |           |            |           |
| EPHs10-19  | < 50    | 50     | mg/kg dry | 2026-02-23 |           |
| EPHs19-32  | < 50    | 50     | mg/kg dry | 2026-02-23 |           |
| LEPHs  | < 50    | 50     | mg/kg dry | N/A        |           |
| HEPHs  | < 50    | 50     | mg/kg dry | N/A        |           |
| Surrogate: 2-Methylnonane (EPH/F2-4)                                     | 69      | 60-140 | %         | 2026-02-23 |           |
| <b>General Parameters</b>  |         |        |           |            |           |
| Moisture   | 3.9     | 1.0    | % wet     | 2026-02-23 |           |
| pH (1:2 H2O Solution)  | 5.89    | 0.10   | pH units  | 2026-02-23 |           |
| <b>Polycyclic Aromatic Hydrocarbons (PAH)</b>                            |         |        |           |            |           |
| Acenaphthene   | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Anthracene   | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Benz(a)anthracene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Benzo(a)pyrene   | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Benzo(b+j)fluoranthene   | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Benzo(g,h,i)perylene   | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Benzo(k)fluoranthene   | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Chrysene   | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Dibenz(a,h)anthracene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Fluoranthene   | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Fluorene   | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Indeno(1,2,3-cd)pyrene   | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| 1-Methylnaphthalene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| 2-Methylnaphthalene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Naphthalene  | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Phenanthrene   | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Pyrene   | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Quinoline  | < 0.050 | 0.050  | mg/kg dry | 2026-02-23 |           |
| Surrogate: Acenaphthene-d10  | 78      | 50-140 | %         | 2026-02-23 |           |
| Surrogate: Chrysene-d12  | 118     | 50-140 | %         | 2026-02-23 |           |
| Surrogate: Naphthalene-d8  | 73      | 50-140 | %         | 2026-02-23 |           |
| Surrogate: Perylene-d12  | 91      | 50-140 | %         | 2026-02-23 |           |
| Surrogate: Phenanthrene-d10  | 86      | 55-140 | %         | 2026-02-23 |           |
| <b>Salinity Parameters (Sat. Paste Extract)</b>                          |         |        |           |            |           |
| Saturation   | 35.4    | 1.0    | %         | 2026-02-23 |           |
| Chloride, Saturated Paste.   | < 25.0  | 25.0   | mg/kg     | 2026-02-23 |           |
| Sodium, Saturated Paste.   | 2.3     | 1.0    | mg/kg dry | 2026-02-22 |           |
| <b>Strong Acid Leachable Metals</b>                                      |         |        |           |            |           |
| Aluminum   | 23600   | 40     | mg/kg dry | 2026-02-21 |           |
| Antimony   | 0.12    | 0.10   | mg/kg dry | 2026-02-21 |           |
| Arsenic  | 3.34    | 0.30   | mg/kg dry | 2026-02-21 |           |



# TEST RESULTS

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26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analyte   | Result  | RL    | Units     | Analyzed   | Qualifier |
|---|---------|-------|-----------|------------|-----------|
| <b>BH26-05/1.0-1.5 (26B1803-08)   Matrix: Soil   Sampled: 2026-02-12, Continued</b> |         |       |           |            |           |
| <i>Strong Acid Leachable Metals, Continued</i>                                      |         |       |           |            |           |
| Barium  | 36.9    | 1.0   | mg/kg dry | 2026-02-21 |           |
| Beryllium   | 0.31    | 0.10  | mg/kg dry | 2026-02-21 |           |
| Boron   | 3.2     | 2.0   | mg/kg dry | 2026-02-21 |           |
| Cadmium   | 0.061   | 0.040 | mg/kg dry | 2026-02-21 |           |
| Chromium  | 30.8    | 1.0   | mg/kg dry | 2026-02-21 |           |
| Cobalt  | 12.1    | 0.10  | mg/kg dry | 2026-02-21 |           |
| Copper  | 62.9    | 0.40  | mg/kg dry | 2026-02-21 |           |
| Iron  | 29300   | 20.0  | mg/kg dry | 2026-02-21 |           |
| Lead  | 2.20    | 0.20  | mg/kg dry | 2026-02-21 |           |
| Lithium   | 9.95    | 0.10  | mg/kg dry | 2026-02-21 |           |
| Manganese   | 498     | 0.40  | mg/kg dry | 2026-02-21 |           |
| Mercury   | < 0.040 | 0.040 | mg/kg dry | 2026-02-21 |           |
| Molybdenum  | 0.36    | 0.10  | mg/kg dry | 2026-02-21 |           |
| Nickel  | 24.2    | 0.60  | mg/kg dry | 2026-02-21 |           |
| Selenium  | 0.25    | 0.20  | mg/kg dry | 2026-02-21 |           |
| Silver  | < 0.10  | 0.10  | mg/kg dry | 2026-02-21 |           |
| Strontium   | 19.2    | 0.20  | mg/kg dry | 2026-02-21 |           |
| Thallium  | < 0.10  | 0.10  | mg/kg dry | 2026-02-21 |           |
| Tin   | 0.31    | 0.20  | mg/kg dry | 2026-02-21 |           |
| Vanadium  | 88.0    | 1.0   | mg/kg dry | 2026-02-21 |           |
| Zinc  | 38.3    | 2.0   | mg/kg dry | 2026-02-21 |           |



## APPENDIX 1: SUPPORTING INFORMATION

**REPORTED TO PROJECT** Waypoint Environmental Services Ltd.  
26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analysis Description                     | Method Ref.                       | Technique  | Accredited | Location |
|--|-----------------------------------|--|------------|----------|
| EPH in Soil                              | EPA 3570* / BCMOE EPHs*           | Shaker Extraction (Hexane-Acetone 1:1) / Gas Chromatography (GC-FID)                 | ✓          | Richmond |
| HEPHs in Soil                            | BCMOE LEPH/HEPH                   | Calculation  |            | N/A      |
| LEPHs in Soil                            | BCMOE LEPH/HEPH                   | Calculation  |            | N/A      |
| Metals in Sat. Paste Extract in Soil     | EPA 6020B                         | Inductively Coupled Plasma-Mass Spectroscopy (ICP-MS)                                | ✓          | Richmond |
| Moisture in Soil                         | ASTM D2974-87*                    | Gravimetry (Dried at 105C)   |            | N/A      |
| pH in Soil                               | Carter 16.2 / SM 4500-H+ B (2021) | 1:2 Soil/Water Slurry / Electrometry   | ✓          | Richmond |
| Polycyclic Aromatic Hydrocarbons in Soil | EPA 3570* / EPA 8270D             | Shaker Extraction (Hexane-Acetone 1:1) / GC-MSD (SIM)                                | ✓          | Richmond |
| SALM in Soil                             | BCMOE SALM V.2 / EPA 6020B        | HNO3+HCl Hot Block Digestion / Inductively Coupled Plasma-Mass Spectroscopy (ICP-MS) | ✓          | Richmond |
| Saturated Paste Extraction in Soil       | Carter 15.2.1                     | Calculation  |            | Richmond |
| Saturated Paste, Chloride mg/kg in Soil  | SM 4500-Cl E* (2022)              | Colorimetry  | ✓          | Richmond |

*Note: An asterisk in the Method Reference indicates that the method has been modified from the reference method*

### Glossary of Terms:

|           |   |
|-----------|---|
| RL        | Reporting Limit (default)   |
| %         | Percent   |
| % wet     | Percent (as received basis)   |
| <         | Less than the specified Reporting Limit (RL) - the actual RL may be higher than the default RL due to various factors |
| mg/kg     | Milligrams per kilogram (dry weight basis)  |
| mg/kg dry | Milligrams per kilogram (dry weight basis)  |
| pH units  | pH < 7 = acidic, pH > 7 = basic   |
| ASTM      | ASTM International Test Methods   |
| BCMOE     | British Columbia Environmental Laboratory Manual, British Columbia Ministry of Environment                            |
| Carter    | Soil Sampling and Methods of Analysis, 2nd Edition (2007), Carter/Gregorich   |
| EPA       | United States Environmental Protection Agency Test Methods  |
| SM        | Standard Methods for the Examination of Water and Wastewater, American Public Health Association                      |



## APPENDIX 1: SUPPORTING INFORMATION

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**PROJECT** 26014

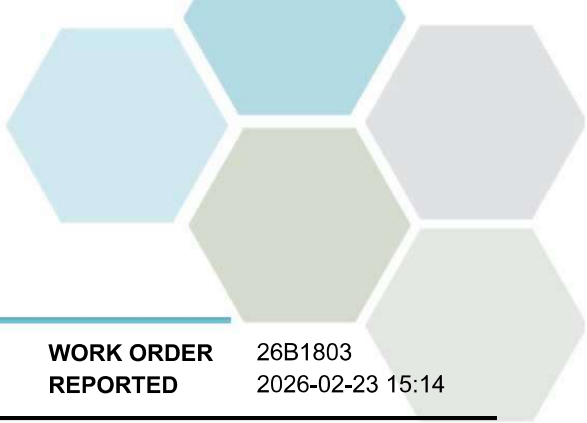
**WORK ORDER** 26B1803  
**REPORTED** 2026-02-23 15:14

### General Comments:

The results in this report apply to samples received by CARO and analyzed in accordance with the Chain of Custody document. This analytical report must be reproduced in its entirety and must not be modified. CARO is not responsible for losses or damages resulting directly or indirectly from errors or omissions in the conduct of the testing. Any liability is limited to the cost of analysis. CARO will dispose of all samples within 30 days of sample receipt, unless otherwise agreed.

Results in **Bold** indicate values that are above CARO's method reporting limits. Results in **red** indicate values above the regulatory limits where these have been included. Any Bold and/or highlighted results do not take into account method uncertainty. If you would like method uncertainty or regulatory limits to be included on your report, please contact your Account Manager: [sgulenchyn@caro.ca](mailto:sgulenchyn@caro.ca)

*Regulatory limits are added to test reports on request and are as a convenience only. While CARO makes every effort to ensure accuracy of regulatory limits, CARO assumes no liability for the use of this information. It remains the client's responsibility to ensure that regulatory limits are correct for their circumstances.*



## APPENDIX 2: QUALITY CONTROL RESULTS

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26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

The following section displays the quality control (QC) data that is associated with your sample data. Groups of samples are prepared in "batches" and analyzed in conjunction with QC samples that ensure your data is of the highest quality. Common QC types include:

- **Method Blank (Blk):** A blank sample that undergoes sample processing identical to that carried out for the test samples. Method blank results are used to assess contamination from the laboratory environment and reagents.
- **Duplicate (Dup):** An additional or second portion of a randomly selected sample in the analytical run carried through the entire analytical process. Duplicates provide a measure of the analytical method's precision (reproducibility).
- **Blank Spike (BS):** A sample of known concentration which undergoes processing identical to that carried out for test samples, also referred to as a laboratory control sample (LCS). Blank spikes provide a measure of the analytical method's accuracy.
- **Matrix Spike (MS):** A second aliquot of sample is fortified with a known concentration of target analytes and carried through the entire analytical process. Matrix spikes evaluate potential matrix effects that may affect the analyte recovery.
- **Reference Material (SRM):** A homogenous material of similar matrix to the samples, certified for the parameter(s) listed. Reference Materials ensure that the analytical process is adequate to achieve acceptable recoveries of the parameter(s) tested.

Each QC type is analyzed at a 5-10% frequency, i.e. one blank/duplicate/spike for every 10-20 samples. For all types of QC, the specified recovery (% Rec) and relative percent difference (RPD) limits are derived from long-term method performance averages and/or prescribed by the reference method.

| Analyte | Result | RL Units | Spike Level | Source Result | % REC | REC Limit | % RPD | RPD Limit | Qualifier |
|---------|--------|----------|-------------|---------------|-------|-----------|-------|-----------|-----------|
|---------|--------|----------|-------------|---------------|-------|-----------|-------|-----------|-----------|

### BCMOE Aggregate Hydrocarbons, Batch B6B3673

| Blank (B6B3673-BLK1)                 |      | Prepared: 2026-02-20, Analyzed: 2026-02-23 |      |  |    |        |  |  |  |
|--------------------------------------|------|--|------|--|----|--------|--|--|--|
| EPHs10-19                            | < 50 | 50 mg/kg wet                               |      |  |    |        |  |  |  |
| EPHs19-32                            | < 50 | 50 mg/kg wet                               |      |  |    |        |  |  |  |
| Surrogate: 2-Methylnonane (EPH/F2-4) | 46.4 | mg/kg wet                                  | 54.2 |  | 86 | 60-140 |  |  |  |
| LCS (B6B3673-BS2)                    |      | Prepared: 2026-02-20, Analyzed: 2026-02-23 |      |  |    |        |  |  |  |
| EPHs10-19                            | 1700 | 50 mg/kg wet                               | 1890 |  | 90 | 70-130 |  |  |  |
| EPHs19-32                            | 2200 | 50 mg/kg wet                               | 2710 |  | 83 | 70-130 |  |  |  |
| Surrogate: 2-Methylnonane (EPH/F2-4) | 39.4 | mg/kg wet                                  | 54.4 |  | 72 | 60-140 |  |  |  |

### General Parameters, Batch B6B3702

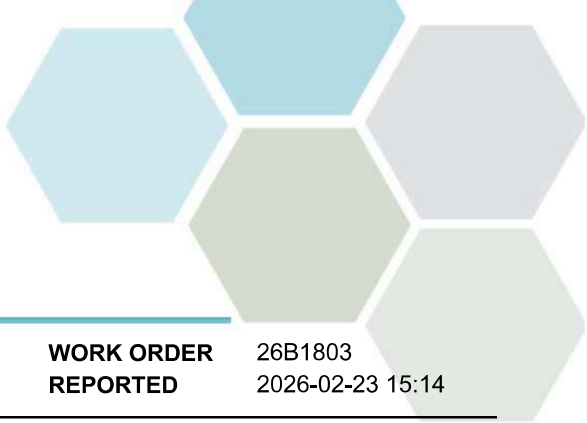
| Duplicate (B6B3702-DUP1) |      | Source: 26B1803-06                         |      | Prepared: 2026-02-21, Analyzed: 2026-02-23 |    |        |   |   |  |
|--------------------------|------|--|------|--|----|--------|---|---|--|
| pH (1:2 H2O Solution)    | 6.49 | 0.10 pH units                              |      | 6.22                                       |    |        | 4 | 4 |  |
| Reference (B6B3702-SRM1) |      | Prepared: 2026-02-21, Analyzed: 2026-02-23 |      |  |    |        |   |   |  |
| pH (1:2 H2O Solution)    | 6.90 | 0.10 pH units                              | 6.96 |  | 99 | 95-105 |   |   |  |

### General Parameters, Batch B6B3771

| Reference (B6B3771-SRM1) |      | Prepared: 2026-02-23, Analyzed: 2026-02-23 |      |  |     |        |  |  |  |
|--------------------------|------|--|------|--|-----|--------|--|--|--|
| pH (1:2 H2O Solution)    | 7.07 | 0.10 pH units                              | 6.96 |  | 102 | 95-105 |  |  |  |

### Polycyclic Aromatic Hydrocarbons (PAH), Batch B6B3673

| Blank (B6B3673-BLK3)   |         | Prepared: 2026-02-20, Analyzed: 2026-02-22 |  |  |  |  |  |  |  |
|------------------------|---------|--|--|--|--|--|--|--|--|
| Acenaphthene           | < 0.050 | 0.050 mg/kg wet                            |  |  |  |  |  |  |  |
| Anthracene             | < 0.050 | 0.050 mg/kg wet                            |  |  |  |  |  |  |  |
| Benzo(a)anthracene     | < 0.050 | 0.050 mg/kg wet                            |  |  |  |  |  |  |  |
| Benzo(a)pyrene         | < 0.050 | 0.050 mg/kg wet                            |  |  |  |  |  |  |  |
| Benzo(b+j)fluoranthene | < 0.050 | 0.050 mg/kg wet                            |  |  |  |  |  |  |  |
| Benzo(g,h,i)perylene   | < 0.050 | 0.050 mg/kg wet                            |  |  |  |  |  |  |  |
| Benzo(k)fluoranthene   | < 0.050 | 0.050 mg/kg wet                            |  |  |  |  |  |  |  |
| Chrysene               | < 0.050 | 0.050 mg/kg wet                            |  |  |  |  |  |  |  |
| Dibenz(a,h)anthracene  | < 0.050 | 0.050 mg/kg wet                            |  |  |  |  |  |  |  |
| Fluoranthene           | < 0.050 | 0.050 mg/kg wet                            |  |  |  |  |  |  |  |



## APPENDIX 2: QUALITY CONTROL RESULTS

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26014

**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analyte | Result | RL Units | Spike Level | Source Result | % REC | REC Limit | % RPD | RPD Limit | Qualifier |
|---------|--------|----------|-------------|---------------|-------|-----------|-------|-----------|-----------|
|---------|--------|----------|-------------|---------------|-------|-----------|-------|-----------|-----------|

### Polycyclic Aromatic Hydrocarbons (PAH), Batch B6B3673, Continued

#### Blank (B6B3673-BLK3), Continued

Prepared: 2026-02-20, Analyzed: 2026-02-22

|                             |         |                 |       |  |     |        |  |  |  |
|-----------------------------|---------|-----------------|-------|--|-----|--------|--|--|--|
| Fluorene                    | < 0.050 | 0.050 mg/kg wet |       |  |     |        |  |  |  |
| Indeno(1,2,3-cd)pyrene      | < 0.050 | 0.050 mg/kg wet |       |  |     |        |  |  |  |
| 1-Methylnaphthalene         | < 0.050 | 0.050 mg/kg wet |       |  |     |        |  |  |  |
| 2-Methylnaphthalene         | < 0.050 | 0.050 mg/kg wet |       |  |     |        |  |  |  |
| Naphthalene                 | < 0.050 | 0.050 mg/kg wet |       |  |     |        |  |  |  |
| Phenanthrene                | < 0.050 | 0.050 mg/kg wet |       |  |     |        |  |  |  |
| Pyrene                      | < 0.050 | 0.050 mg/kg wet |       |  |     |        |  |  |  |
| Quinoline                   | < 0.050 | 0.050 mg/kg wet |       |  |     |        |  |  |  |
| Surrogate: Acenaphthene-d10 | 0.444   | mg/kg wet       | 0.539 |  | 82  | 50-140 |  |  |  |
| Surrogate: Chrysene-d12     | 0.642   | mg/kg wet       | 0.539 |  | 119 | 50-140 |  |  |  |
| Surrogate: Naphthalene-d8   | 0.437   | mg/kg wet       | 0.539 |  | 81  | 50-140 |  |  |  |
| Surrogate: Perylene-d12     | 0.486   | mg/kg wet       | 0.539 |  | 90  | 50-140 |  |  |  |
| Surrogate: Phenanthrene-d10 | 0.489   | mg/kg wet       | 0.539 |  | 91  | 55-140 |  |  |  |

#### LCS (B6B3673-BS3)

Prepared: 2026-02-20, Analyzed: 2026-02-22

|                             |       |                 |       |  |     |        |  |  |  |
|-----------------------------|-------|-----------------|-------|--|-----|--------|--|--|--|
| Acenaphthene                | 0.080 | 0.050 mg/kg wet | 0.107 |  | 75  | 50-140 |  |  |  |
| Anthracene                  | 0.081 | 0.050 mg/kg wet | 0.107 |  | 76  | 50-140 |  |  |  |
| Benz(a)anthracene           | 0.084 | 0.050 mg/kg wet | 0.107 |  | 78  | 50-140 |  |  |  |
| Benzo(a)pyrene              | 0.083 | 0.050 mg/kg wet | 0.107 |  | 77  | 50-140 |  |  |  |
| Benzo(b+j)fluoranthene      | 0.179 | 0.050 mg/kg wet | 0.215 |  | 83  | 50-140 |  |  |  |
| Benzo(g,h,i)perylene        | 0.088 | 0.050 mg/kg wet | 0.107 |  | 82  | 50-140 |  |  |  |
| Benzo(k)fluoranthene        | 0.099 | 0.050 mg/kg wet | 0.107 |  | 93  | 50-140 |  |  |  |
| Chrysene                    | 0.098 | 0.050 mg/kg wet | 0.107 |  | 92  | 50-140 |  |  |  |
| Dibenz(a,h)anthracene       | 0.079 | 0.050 mg/kg wet | 0.107 |  | 74  | 50-140 |  |  |  |
| Fluoranthene                | 0.081 | 0.050 mg/kg wet | 0.107 |  | 75  | 50-140 |  |  |  |
| Fluorene                    | 0.078 | 0.050 mg/kg wet | 0.107 |  | 72  | 50-140 |  |  |  |
| Indeno(1,2,3-cd)pyrene      | 0.093 | 0.050 mg/kg wet | 0.107 |  | 87  | 50-140 |  |  |  |
| 1-Methylnaphthalene         | 0.078 | 0.050 mg/kg wet | 0.107 |  | 73  | 50-140 |  |  |  |
| 2-Methylnaphthalene         | 0.078 | 0.050 mg/kg wet | 0.107 |  | 73  | 50-140 |  |  |  |
| Naphthalene                 | 0.082 | 0.050 mg/kg wet | 0.107 |  | 76  | 50-140 |  |  |  |
| Phenanthrene                | 0.088 | 0.050 mg/kg wet | 0.107 |  | 82  | 50-140 |  |  |  |
| Pyrene                      | 0.085 | 0.050 mg/kg wet | 0.107 |  | 79  | 50-140 |  |  |  |
| Quinoline                   | 0.102 | 0.050 mg/kg wet | 0.107 |  | 96  | 50-140 |  |  |  |
| Surrogate: Acenaphthene-d10 | 0.402 | mg/kg wet       | 0.536 |  | 75  | 50-140 |  |  |  |
| Surrogate: Chrysene-d12     | 0.573 | mg/kg wet       | 0.536 |  | 107 | 50-140 |  |  |  |
| Surrogate: Naphthalene-d8   | 0.396 | mg/kg wet       | 0.536 |  | 74  | 50-140 |  |  |  |
| Surrogate: Perylene-d12     | 0.438 | mg/kg wet       | 0.536 |  | 82  | 50-140 |  |  |  |
| Surrogate: Phenanthrene-d10 | 0.440 | mg/kg wet       | 0.536 |  | 82  | 55-140 |  |  |  |

### Salinity Parameters (Sat. Paste Extract), Batch B6B3627

#### Blank (B6B3627-BLK1)

Prepared: 2026-02-20, Analyzed: 2026-02-23

|                          |       |               |  |  |  |  |  |  |  |
|--------------------------|-------|---------------|--|--|--|--|--|--|--|
| Saturation               | 50.0  | 1.0 %         |  |  |  |  |  |  |  |
| Sodium, Saturated Paste. | < 1.0 | 1.0 mg/kg dry |  |  |  |  |  |  |  |

#### Duplicate (B6B3627-DUP1)

Source: 26B1803-03

Prepared: 2026-02-20, Analyzed: 2026-02-22

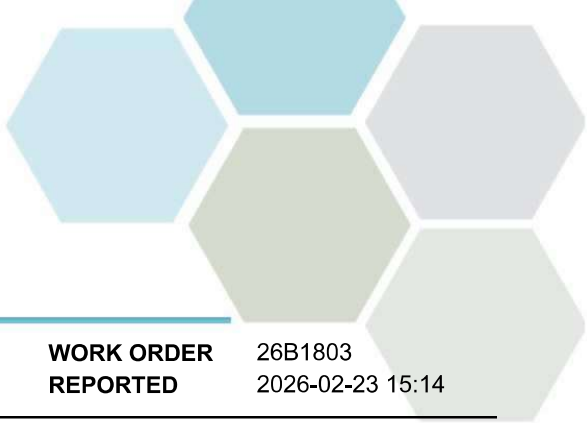
|                          |     |               |  |     |  |  |  |    |  |
|--------------------------|-----|---------------|--|-----|--|--|--|----|--|
| Sodium, Saturated Paste. | 1.4 | 1.0 mg/kg dry |  | 1.1 |  |  |  | 30 |  |
|--------------------------|-----|---------------|--|-----|--|--|--|----|--|

#### Reference (B6B3627-SRM1)

Prepared: 2026-02-20, Analyzed: 2026-02-23

|                          |      |               |      |  |     |        |  |  |  |
|--------------------------|------|---------------|------|--|-----|--------|--|--|--|
| Saturation               | 39.1 | 1.0 %         | 37.2 |  | 105 | 60-140 |  |  |  |
| Sodium, Saturated Paste. | 58.7 | 1.0 mg/kg dry | 50.4 |  | 116 | 60-140 |  |  |  |

### Salinity Parameters (Sat. Paste Extract), Batch B6B3753



## APPENDIX 2: QUALITY CONTROL RESULTS

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2026-02-23 15:14

| Analyte | Result | RL Units | Spike Level | Source Result | % REC | REC Limit | % RPD | RPD Limit | Qualifier |
|---------|--------|----------|-------------|---------------|-------|-----------|-------|-----------|-----------|
|---------|--------|----------|-------------|---------------|-------|-----------|-------|-----------|-----------|

**Salinity Parameters (Sat. Paste Extract), Batch B6B3753, Continued**

**Blank (B6B3753-BLK1)**

Prepared: 2026-02-22, Analyzed: 2026-02-23

|                          |       |               |  |  |  |  |  |  |  |
|--------------------------|-------|---------------|--|--|--|--|--|--|--|
| Saturation               | 50.0  | 1.0 %         |  |  |  |  |  |  |  |
| Sodium, Saturated Paste. | < 1.0 | 1.0 mg/kg dry |  |  |  |  |  |  |  |

**Reference (B6B3753-SRM1)**

Prepared: 2026-02-22, Analyzed: 2026-02-23

|                          |      |               |      |  |     |        |  |  |  |
|--------------------------|------|---------------|------|--|-----|--------|--|--|--|
| Saturation               | 34.6 | 1.0 %         | 37.2 |  | 93  | 60-140 |  |  |  |
| Sodium, Saturated Paste. | 58.7 | 1.0 mg/kg dry | 50.4 |  | 117 | 60-140 |  |  |  |

**Salinity Parameters (Sat. Paste Extract), Batch B6B3821**

**Blank (B6B3821-BLK1)**

Prepared: 2026-02-23, Analyzed: 2026-02-23

|                            |        |            |  |  |  |  |  |  |  |
|----------------------------|--------|------------|--|--|--|--|--|--|--|
| Chloride, Saturated Paste. | < 25.0 | 25.0 mg/kg |  |  |  |  |  |  |  |
|----------------------------|--------|------------|--|--|--|--|--|--|--|

**Duplicate (B6B3821-DUP1)**

Source: 26B1803-03

Prepared: 2026-02-23, Analyzed: 2026-02-23

|                            |        |            |  |        |  |  |  |    |  |
|----------------------------|--------|------------|--|--------|--|--|--|----|--|
| Chloride, Saturated Paste. | < 25.0 | 25.0 mg/kg |  | < 25.0 |  |  |  | 30 |  |
|----------------------------|--------|------------|--|--------|--|--|--|----|--|

**Reference (B6B3821-SRM1)**

Prepared: 2026-02-23, Analyzed: 2026-02-23

|                            |      |            |      |  |    |        |  |  |  |
|----------------------------|------|------------|------|--|----|--------|--|--|--|
| Chloride, Saturated Paste. | 77.6 | 25.0 mg/kg | 79.2 |  | 98 | 60-140 |  |  |  |
|----------------------------|------|------------|------|--|----|--------|--|--|--|

**Salinity Parameters (Sat. Paste Extract), Batch B6B3829**

**Blank (B6B3829-BLK1)**

Prepared: 2026-02-23, Analyzed: 2026-02-23

|                            |        |            |  |  |  |  |  |  |  |
|----------------------------|--------|------------|--|--|--|--|--|--|--|
| Chloride, Saturated Paste. | < 25.0 | 25.0 mg/kg |  |  |  |  |  |  |  |
|----------------------------|--------|------------|--|--|--|--|--|--|--|

**Reference (B6B3829-SRM1)**

Prepared: 2026-02-23, Analyzed: 2026-02-23

|                            |      |            |      |  |    |        |  |  |  |
|----------------------------|------|------------|------|--|----|--------|--|--|--|
| Chloride, Saturated Paste. | 78.7 | 25.0 mg/kg | 79.2 |  | 99 | 60-140 |  |  |  |
|----------------------------|------|------------|------|--|----|--------|--|--|--|

**Strong Acid Leachable Metals, Batch B6B3695**

**Blank (B6B3695-BLK1)**

Prepared: 2026-02-21, Analyzed: 2026-02-21

|            |         |                 |  |  |  |  |  |  |  |
|------------|---------|-----------------|--|--|--|--|--|--|--|
| Aluminum   | < 40    | 40 mg/kg dry    |  |  |  |  |  |  |  |
| Antimony   | < 0.10  | 0.10 mg/kg dry  |  |  |  |  |  |  |  |
| Arsenic    | < 0.30  | 0.30 mg/kg dry  |  |  |  |  |  |  |  |
| Barium     | < 1.0   | 1.0 mg/kg dry   |  |  |  |  |  |  |  |
| Beryllium  | < 0.10  | 0.10 mg/kg dry  |  |  |  |  |  |  |  |
| Boron      | < 2.0   | 2.0 mg/kg dry   |  |  |  |  |  |  |  |
| Cadmium    | < 0.040 | 0.040 mg/kg dry |  |  |  |  |  |  |  |
| Chromium   | < 1.0   | 1.0 mg/kg dry   |  |  |  |  |  |  |  |
| Cobalt     | < 0.10  | 0.10 mg/kg dry  |  |  |  |  |  |  |  |
| Copper     | < 0.40  | 0.40 mg/kg dry  |  |  |  |  |  |  |  |
| Iron       | < 20.0  | 20.0 mg/kg dry  |  |  |  |  |  |  |  |
| Lead       | < 0.20  | 0.20 mg/kg dry  |  |  |  |  |  |  |  |
| Lithium    | < 0.10  | 0.10 mg/kg dry  |  |  |  |  |  |  |  |
| Manganese  | < 0.40  | 0.40 mg/kg dry  |  |  |  |  |  |  |  |
| Mercury    | < 0.040 | 0.040 mg/kg dry |  |  |  |  |  |  |  |
| Molybdenum | < 0.10  | 0.10 mg/kg dry  |  |  |  |  |  |  |  |
| Nickel     | < 0.60  | 0.60 mg/kg dry  |  |  |  |  |  |  |  |
| Selenium   | < 0.20  | 0.20 mg/kg dry  |  |  |  |  |  |  |  |
| Silver     | < 0.10  | 0.10 mg/kg dry  |  |  |  |  |  |  |  |
| Strontium  | < 0.20  | 0.20 mg/kg dry  |  |  |  |  |  |  |  |
| Thallium   | < 0.10  | 0.10 mg/kg dry  |  |  |  |  |  |  |  |
| Tin        | < 0.20  | 0.20 mg/kg dry  |  |  |  |  |  |  |  |
| Vanadium   | < 1.0   | 1.0 mg/kg dry   |  |  |  |  |  |  |  |
| Zinc       | < 2.0   | 2.0 mg/kg dry   |  |  |  |  |  |  |  |

## APPENDIX 2: QUALITY CONTROL RESULTS

**REPORTED TO PROJECT** Waypoint Environmental Services Ltd.  
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**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

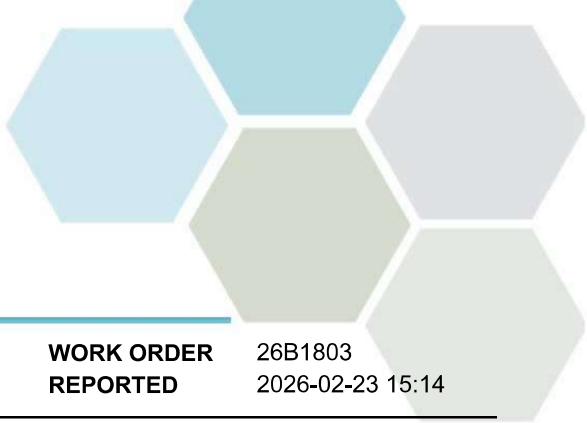
| Analyte | Result | RL Units | Spike Level | Source Result | % REC | REC Limit | % RPD | RPD Limit | Qualifier |
|---------|--------|----------|-------------|---------------|-------|-----------|-------|-----------|-----------|
|---------|--------|----------|-------------|---------------|-------|-----------|-------|-----------|-----------|

**Strong Acid Leachable Metals, Batch B6B3695, Continued**

| LCS (B6B3695-BS1) |       |                 | Prepared: 2026-02-21, Analyzed: 2026-02-21 |  |     |        |  |  |  |
|-------------------|-------|-----------------|--|--|-----|--------|--|--|--|
| Aluminum          | 200   | 40 mg/kg dry    | 200  |  | 100 | 80-120 |  |  |  |
| Antimony          | 1.95  | 0.10 mg/kg dry  | 2.00                                       |  | 98  | 80-120 |  |  |  |
| Arsenic           | 20.0  | 0.30 mg/kg dry  | 20.0                                       |  | 100 | 80-120 |  |  |  |
| Barium            | 2.1   | 1.0 mg/kg dry   | 2.00                                       |  | 103 | 80-120 |  |  |  |
| Beryllium         | 1.98  | 0.10 mg/kg dry  | 2.00                                       |  | 99  | 80-120 |  |  |  |
| Boron             | 19.6  | 2.0 mg/kg dry   | 20.0                                       |  | 98  | 80-120 |  |  |  |
| Cadmium           | 2.02  | 0.040 mg/kg dry | 2.00                                       |  | 101 | 80-120 |  |  |  |
| Chromium          | 2.1   | 1.0 mg/kg dry   | 2.00                                       |  | 104 | 80-120 |  |  |  |
| Cobalt            | 2.02  | 0.10 mg/kg dry  | 2.00                                       |  | 101 | 80-120 |  |  |  |
| Copper            | 2.01  | 0.40 mg/kg dry  | 2.00                                       |  | 100 | 80-120 |  |  |  |
| Iron              | 204   | 20.0 mg/kg dry  | 200  |  | 102 | 80-120 |  |  |  |
| Lead              | 2.11  | 0.20 mg/kg dry  | 2.00                                       |  | 106 | 80-120 |  |  |  |
| Lithium           | 1.96  | 0.10 mg/kg dry  | 2.00                                       |  | 98  | 80-120 |  |  |  |
| Manganese         | 2.04  | 0.40 mg/kg dry  | 2.00                                       |  | 102 | 80-120 |  |  |  |
| Mercury           | 0.207 | 0.040 mg/kg dry | 0.200                                      |  | 103 | 80-120 |  |  |  |
| Molybdenum        | 2.01  | 0.10 mg/kg dry  | 2.00                                       |  | 100 | 80-120 |  |  |  |
| Nickel            | 1.97  | 0.60 mg/kg dry  | 2.00                                       |  | 98  | 80-120 |  |  |  |
| Selenium          | 20.1  | 0.20 mg/kg dry  | 20.0                                       |  | 101 | 80-120 |  |  |  |
| Silver            | 2.03  | 0.10 mg/kg dry  | 2.00                                       |  | 102 | 80-120 |  |  |  |
| Strontium         | 2.08  | 0.20 mg/kg dry  | 2.00                                       |  | 104 | 80-120 |  |  |  |
| Thallium          | 2.19  | 0.10 mg/kg dry  | 2.00                                       |  | 110 | 80-120 |  |  |  |
| Tin               | 2.01  | 0.20 mg/kg dry  | 2.00                                       |  | 101 | 80-120 |  |  |  |
| Vanadium          | 2.0   | 1.0 mg/kg dry   | 2.00                                       |  | 100 | 80-120 |  |  |  |
| Zinc              | 19.8  | 2.0 mg/kg dry   | 20.0                                       |  | 99  | 80-120 |  |  |  |

| Duplicate (B6B3695-DUP1) |         |                 | Source: 26B1803-01 |         | Prepared: 2026-02-21, Analyzed: 2026-02-21 |  |    |    |  |
|--------------------------|---------|-----------------|--------------------|---------|--|--|----|----|--|
| Aluminum                 | 25900   | 40 mg/kg dry    |                    | 24400   |  |  | 6  | 40 |  |
| Antimony                 | 0.15    | 0.10 mg/kg dry  |                    | 0.10    |  |  |    | 30 |  |
| Arsenic                  | 2.73    | 0.30 mg/kg dry  |                    | 2.50    |  |  | 9  | 30 |  |
| Barium                   | 66.9    | 1.0 mg/kg dry   |                    | 57.7    |  |  | 15 | 40 |  |
| Beryllium                | 0.31    | 0.10 mg/kg dry  |                    | 0.29    |  |  |    | 30 |  |
| Boron                    | 5.6     | 2.0 mg/kg dry   |                    | 5.4     |  |  |    | 30 |  |
| Cadmium                  | 0.088   | 0.040 mg/kg dry |                    | 0.077   |  |  |    | 30 |  |
| Chromium                 | 43.4    | 1.0 mg/kg dry   |                    | 42.3    |  |  | 3  | 30 |  |
| Cobalt                   | 13.8    | 0.10 mg/kg dry  |                    | 13.0    |  |  | 6  | 30 |  |
| Copper                   | 62.7    | 0.40 mg/kg dry  |                    | 60.0    |  |  | 4  | 30 |  |
| Iron                     | 34200   | 20.0 mg/kg dry  |                    | 31900   |  |  | 7  | 30 |  |
| Lead                     | 1.92    | 0.20 mg/kg dry  |                    | 1.83    |  |  | 5  | 40 |  |
| Lithium                  | 10.3    | 0.10 mg/kg dry  |                    | 9.02    |  |  | 13 | 30 |  |
| Manganese                | 501     | 0.40 mg/kg dry  |                    | 455     |  |  | 10 | 30 |  |
| Mercury                  | < 0.040 | 0.040 mg/kg dry |                    | < 0.040 |  |  |    | 40 |  |
| Molybdenum               | 1.40    | 0.10 mg/kg dry  |                    | 1.13    |  |  | 21 | 40 |  |
| Nickel                   | 28.2    | 0.60 mg/kg dry  |                    | 25.9    |  |  | 9  | 30 |  |
| Selenium                 | 0.23    | 0.20 mg/kg dry  |                    | 0.24    |  |  |    | 30 |  |
| Silver                   | 0.18    | 0.10 mg/kg dry  |                    | 0.14    |  |  |    | 40 |  |
| Strontium                | 31.8    | 0.20 mg/kg dry  |                    | 32.7    |  |  | 3  | 40 |  |
| Thallium                 | < 0.10  | 0.10 mg/kg dry  |                    | < 0.10  |  |  |    | 30 |  |
| Tin                      | 0.40    | 0.20 mg/kg dry  |                    | 0.33    |  |  |    | 40 |  |
| Vanadium                 | 97.1    | 1.0 mg/kg dry   |                    | 94.3    |  |  | 3  | 30 |  |
| Zinc                     | 44.9    | 2.0 mg/kg dry   |                    | 41.0    |  |  | 9  | 30 |  |

| Reference (B6B3695-SRM1) |       |                | Prepared: 2026-02-21, Analyzed: 2026-02-21 |  |     |        |  |  |  |
|--------------------------|-------|----------------|--|--|-----|--------|--|--|--|
| Aluminum                 | 11400 | 40 mg/kg dry   | 12100                                      |  | 94  | 70-130 |  |  |  |
| Antimony                 | 0.44  | 0.10 mg/kg dry | 0.488                                      |  | 89  | 70-130 |  |  |  |
| Arsenic                  | 4.21  | 0.30 mg/kg dry | 4.38                                       |  | 96  | 70-130 |  |  |  |
| Barium                   | 122   | 1.0 mg/kg dry  | 118  |  | 103 | 70-130 |  |  |  |
| Beryllium                | 0.30  | 0.10 mg/kg dry | 0.303                                      |  | 98  | 70-130 |  |  |  |



## APPENDIX 2: QUALITY CONTROL RESULTS

**REPORTED TO PROJECT** Waypoint Environmental Services Ltd.  
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2026-02-23 15:14

| Analyte   | Result  | RL Units        | Spike Level | Source Result | % REC                                      | REC Limit | % RPD | RPD Limit | Qualifier |
|---|---------|-----------------|-------------|---------------|--|-----------|-------|-----------|-----------|
| <b>Strong Acid Leachable Metals, Batch B6B3695, Continued</b> |         |                 |             |               |  |           |       |           |           |
| <b>Reference (B6B3695-SRM1), Continued</b>                    |         |                 |             |               | Prepared: 2026-02-21, Analyzed: 2026-02-21 |           |       |           |           |
| Cadmium   | 0.146   | 0.040 mg/kg dry | 0.155       |               | 94   | 70-130    |       |           |           |
| Chromium  | 29.0    | 1.0 mg/kg dry   | 29.3        |               | 99   | 70-130    |       |           |           |
| Cobalt  | 8.85    | 0.10 mg/kg dry  | 8.80        |               | 101  | 70-130    |       |           |           |
| Copper  | 23.9    | 0.40 mg/kg dry  | 23.8        |               | 100  | 70-130    |       |           |           |
| Iron  | 22000   | 20.0 mg/kg dry  | 21900       |               | 101  | 70-130    |       |           |           |
| Lead  | 24.7    | 0.20 mg/kg dry  | 17.7        |               | 140  | 70-130    |       |           | MES       |
| Lithium   | 11.2    | 0.10 mg/kg dry  | 11.6        |               | 96   | 70-130    |       |           |           |
| Manganese   | 395     | 0.40 mg/kg dry  | 432         |               | 91   | 70-130    |       |           |           |
| Mercury   | < 0.040 | 0.040 mg/kg dry | 0.0388      |               | 96   | 70-130    |       |           |           |
| Nickel  | 28.6    | 0.60 mg/kg dry  | 28.6        |               | 100  | 70-130    |       |           |           |
| Silver  | < 0.10  | 0.10 mg/kg dry  | 0.0667      |               | 98   | 70-130    |       |           |           |
| Strontium   | 67.8    | 0.20 mg/kg dry  | 66.9        |               | 101  | 70-130    |       |           |           |
| Thallium  | < 0.10  | 0.10 mg/kg dry  | 0.0768      |               | 107  | 70-130    |       |           |           |
| Vanadium  | 47.2    | 1.0 mg/kg dry   | 46.3        |               | 102  | 70-130    |       |           |           |
| Zinc  | 54.4    | 2.0 mg/kg dry   | 54.7        |               | 99   | 70-130    |       |           |           |

**Strong Acid Leachable Metals, Batch B6B3758**

| <b>Blank (B6B3758-BLK1)</b> |         |                 |  |  | Prepared: 2026-02-23, Analyzed: 2026-02-23 |  |  |  |  |
|-----------------------------|---------|-----------------|--|--|--|--|--|--|--|
| Aluminum                    | < 40    | 40 mg/kg dry    |  |  |  |  |  |  |  |
| Antimony                    | < 0.10  | 0.10 mg/kg dry  |  |  |  |  |  |  |  |
| Arsenic                     | < 0.30  | 0.30 mg/kg dry  |  |  |  |  |  |  |  |
| Barium                      | < 1.0   | 1.0 mg/kg dry   |  |  |  |  |  |  |  |
| Beryllium                   | < 0.10  | 0.10 mg/kg dry  |  |  |  |  |  |  |  |
| Boron                       | < 2.0   | 2.0 mg/kg dry   |  |  |  |  |  |  |  |
| Cadmium                     | < 0.040 | 0.040 mg/kg dry |  |  |  |  |  |  |  |
| Chromium                    | < 1.0   | 1.0 mg/kg dry   |  |  |  |  |  |  |  |
| Cobalt                      | < 0.10  | 0.10 mg/kg dry  |  |  |  |  |  |  |  |
| Copper                      | < 0.40  | 0.40 mg/kg dry  |  |  |  |  |  |  |  |
| Iron                        | < 20.0  | 20.0 mg/kg dry  |  |  |  |  |  |  |  |
| Lead                        | < 0.20  | 0.20 mg/kg dry  |  |  |  |  |  |  |  |
| Lithium                     | < 0.10  | 0.10 mg/kg dry  |  |  |  |  |  |  |  |
| Manganese                   | < 0.40  | 0.40 mg/kg dry  |  |  |  |  |  |  |  |
| Mercury                     | < 0.040 | 0.040 mg/kg dry |  |  |  |  |  |  |  |
| Molybdenum                  | < 0.10  | 0.10 mg/kg dry  |  |  |  |  |  |  |  |
| Nickel                      | < 0.60  | 0.60 mg/kg dry  |  |  |  |  |  |  |  |
| Selenium                    | < 0.20  | 0.20 mg/kg dry  |  |  |  |  |  |  |  |
| Silver                      | < 0.10  | 0.10 mg/kg dry  |  |  |  |  |  |  |  |
| Strontium                   | < 0.20  | 0.20 mg/kg dry  |  |  |  |  |  |  |  |
| Thallium                    | < 0.10  | 0.10 mg/kg dry  |  |  |  |  |  |  |  |
| Tin                         | < 0.20  | 0.20 mg/kg dry  |  |  |  |  |  |  |  |
| Vanadium                    | < 1.0   | 1.0 mg/kg dry   |  |  |  |  |  |  |  |
| Zinc                        | < 2.0   | 2.0 mg/kg dry   |  |  |  |  |  |  |  |

| <b>LCS (B6B3758-BS1)</b> |      |                 |      |  | Prepared: 2026-02-23, Analyzed: 2026-02-23 |        |  |  |  |
|--------------------------|------|-----------------|------|--|--|--------|--|--|--|
| Aluminum                 | 188  | 40 mg/kg dry    | 200  |  | 94   | 80-120 |  |  |  |
| Antimony                 | 1.96 | 0.10 mg/kg dry  | 2.00 |  | 98   | 80-120 |  |  |  |
| Arsenic                  | 19.0 | 0.30 mg/kg dry  | 20.0 |  | 95   | 80-120 |  |  |  |
| Barium                   | 2.0  | 1.0 mg/kg dry   | 2.00 |  | 101  | 80-120 |  |  |  |
| Beryllium                | 1.82 | 0.10 mg/kg dry  | 2.00 |  | 91   | 80-120 |  |  |  |
| Boron                    | 19.2 | 2.0 mg/kg dry   | 20.0 |  | 96   | 80-120 |  |  |  |
| Cadmium                  | 2.00 | 0.040 mg/kg dry | 2.00 |  | 100  | 80-120 |  |  |  |
| Chromium                 | 1.9  | 1.0 mg/kg dry   | 2.00 |  | 96   | 80-120 |  |  |  |
| Cobalt                   | 1.92 | 0.10 mg/kg dry  | 2.00 |  | 96   | 80-120 |  |  |  |
| Copper                   | 1.92 | 0.40 mg/kg dry  | 2.00 |  | 96   | 80-120 |  |  |  |
| Iron                     | 192  | 20.0 mg/kg dry  | 200  |  | 96   | 80-120 |  |  |  |

## APPENDIX 2: QUALITY CONTROL RESULTS

**REPORTED TO PROJECT** Waypoint Environmental Services Ltd.  
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**WORK ORDER REPORTED** 26B1803  
2026-02-23 15:14

| Analyte   | Result | RL Units        | Spike Level | Source Result | % REC                                      | REC Limit | % RPD | RPD Limit | Qualifier |
|---|--------|-----------------|-------------|---------------|--|-----------|-------|-----------|-----------|
| <b>Strong Acid Leachable Metals, Batch B6B3758, Continued</b> |        |                 |             |               |  |           |       |           |           |
| <b>LCS (B6B3758-BS1), Continued</b>                           |        |                 |             |               | Prepared: 2026-02-23, Analyzed: 2026-02-23 |           |       |           |           |
| Lead  | 1.96   | 0.20 mg/kg dry  | 2.00        |               | 98   | 80-120    |       |           |           |
| Lithium   | 1.80   | 0.10 mg/kg dry  | 2.00        |               | 90   | 80-120    |       |           |           |
| Manganese   | 1.94   | 0.40 mg/kg dry  | 2.00        |               | 97   | 80-120    |       |           |           |
| Mercury   | 0.197  | 0.040 mg/kg dry | 0.200       |               | 99   | 80-120    |       |           |           |
| Molybdenum  | 1.95   | 0.10 mg/kg dry  | 2.00        |               | 98   | 80-120    |       |           |           |
| Nickel  | 1.93   | 0.60 mg/kg dry  | 2.00        |               | 96   | 80-120    |       |           |           |
| Selenium  | 19.5   | 0.20 mg/kg dry  | 20.0        |               | 97   | 80-120    |       |           |           |
| Silver  | 2.04   | 0.10 mg/kg dry  | 2.00        |               | 102  | 80-120    |       |           |           |
| Strontium   | 1.95   | 0.20 mg/kg dry  | 2.00        |               | 98   | 80-120    |       |           |           |
| Thallium  | 2.02   | 0.10 mg/kg dry  | 2.00        |               | 101  | 80-120    |       |           |           |
| Tin   | 2.02   | 0.20 mg/kg dry  | 2.00        |               | 101  | 80-120    |       |           |           |
| Vanadium  | 1.9    | 1.0 mg/kg dry   | 2.00        |               | 95   | 80-120    |       |           |           |
| Zinc  | 19.5   | 2.0 mg/kg dry   | 20.0        |               | 97   | 80-120    |       |           |           |

|                                 |        |                 |        |  |  |        |  |  |  |
|---------------------------------|--------|-----------------|--------|--|--|--------|--|--|--|
| <b>Reference (B6B3758-SRM1)</b> |        |                 |        |  | Prepared: 2026-02-23, Analyzed: 2026-02-23 |        |  |  |  |
| Aluminum                        | 9830   | 40 mg/kg dry    | 12100  |  | 81   | 70-130 |  |  |  |
| Antimony                        | 0.47   | 0.10 mg/kg dry  | 0.488  |  | 97   | 70-130 |  |  |  |
| Arsenic                         | 3.91   | 0.30 mg/kg dry  | 4.38   |  | 89   | 70-130 |  |  |  |
| Barium                          | 110    | 1.0 mg/kg dry   | 118    |  | 93   | 70-130 |  |  |  |
| Beryllium                       | 0.28   | 0.10 mg/kg dry  | 0.303  |  | 92   | 70-130 |  |  |  |
| Cadmium                         | 0.139  | 0.040 mg/kg dry | 0.155  |  | 90   | 70-130 |  |  |  |
| Chromium                        | 25.7   | 1.0 mg/kg dry   | 29.3   |  | 88   | 70-130 |  |  |  |
| Cobalt                          | 8.01   | 0.10 mg/kg dry  | 8.80   |  | 91   | 70-130 |  |  |  |
| Copper                          | 21.0   | 0.40 mg/kg dry  | 23.8   |  | 88   | 70-130 |  |  |  |
| Iron                            | 19400  | 20.0 mg/kg dry  | 21900  |  | 89   | 70-130 |  |  |  |
| Lead                            | 16.0   | 0.20 mg/kg dry  | 17.7   |  | 91   | 70-130 |  |  |  |
| Lithium                         | 10.5   | 0.10 mg/kg dry  | 11.6   |  | 91   | 70-130 |  |  |  |
| Manganese                       | 360    | 0.40 mg/kg dry  | 432    |  | 83   | 70-130 |  |  |  |
| Mercury                         | 0.044  | 0.040 mg/kg dry | 0.0388 |  | 112  | 70-130 |  |  |  |
| Nickel                          | 26.0   | 0.60 mg/kg dry  | 28.6   |  | 91   | 70-130 |  |  |  |
| Silver                          | < 0.10 | 0.10 mg/kg dry  | 0.0667 |  | 90   | 70-130 |  |  |  |
| Strontium                       | 57.9   | 0.20 mg/kg dry  | 66.9   |  | 87   | 70-130 |  |  |  |
| Thallium                        | < 0.10 | 0.10 mg/kg dry  | 0.0768 |  | 98   | 70-130 |  |  |  |
| Vanadium                        | 39.9   | 1.0 mg/kg dry   | 46.3   |  | 86   | 70-130 |  |  |  |
| Zinc                            | 49.7   | 2.0 mg/kg dry   | 54.7   |  | 91   | 70-130 |  |  |  |

**QC Qualifiers:**

MES A number up to 10% (rounded down) of the analytes in a Multi-Element Scan may exceed control limits by up to 10% (absolute).