BG03@2-3'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 0.619 mg/kg

BG03@4-4.5'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 0.479 mg/kg

BG03@9-10'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 0.834 mg/kg

BG10

BG02@2-3'
(11/15/2024)

PID = 0.2 ppm
Arsenic = 0.327 mg/kg

BG02@4-4.5'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 0.365 mg/kg

BG02@9-10'
(11/15/2024)

PID = 0.2 ppm
Arsenic = 0.215 mg/kg

BH05@2-3'
(11/15/2024)

PID = 0.0 ppm
pH = 9.31 mg/kg
Arsenic = 1.92 mg/kg

BH05@4-4.5'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 0.433 mg/kg

BH01@2-3'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 2.26 mg/kg
Selenium = 0.303 mg/kg

BH01@4-4.5'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 1.90 mg/kg

BG01@2-3'
(11/15/2024)

PID = 0.1 ppm
Arsenic = 1.06 mg/kg

BG01@4-4.5'
(11/15/2024)

PID = 0.1 ppm
Arsenic = 0.479 mg/kg

BG01@9-10'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 0.355 mg/kg

BH02@2-3'
(11/15/2024)

PID = 0.1 ppm
Arsenic = 1.26 mg/kg

BH02@4-4.5'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 0.603 mg/kg

SS05@2'
(03/20/2024)

PID = 19.3 ppm
1,3,5-TMB = 0.020 mg/kg
SAR = 6.91
Arsenic = 1.79 mg/kg

BH03@2-3'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 3.05 mg/kg
Selenium = 0.325 mg/kg

BH03@4-4.5'
(11/15/2024)

PID = 0.2 ppm
pH = 9.57
Arsenic = 2.29 mg/kg
Cadmium = 0.404 mg/kg

BH04@2-3'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 2.34 mg/kg
Selenium = 0.438 mg/kg

BH04@4-4.5'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 1.69 mg/kg

BG04@2-3'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 0.262 mg/kg

BG04@4-4.5'
(11/15/2024)

PID = 0.1 ppm
Arsenic = 0.285 mg/kg

BG04@9-10'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 0.420 mg/kg

BG09

BG08

BG05@2-3'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 0.653 mg/kg

BG05@4-4.5'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 0.374 mg/kg

BG05@9-10'
(11/15/2024)

PID = 0.0 ppm
Arsenic = 0.257 mg/kg

BG07

BG06

Legend

- Assessment Location
- Excavation Extent (Collected via Trimble GPS)
- Soil Sample Location – Field Screen (Collected via Trimble GPS)
- Soil Sample Location – Lab Analyzed (Collected via Trimble GPS)

Notes

1) All locations are approximate unless otherwise noted.
2) Buried infrastructure has been spatially projected.
3) Analytical results below laboratory detection limits or within compliance of ECMC Table 915-1 not shown.
4) Concentration in exceedance of ECMC table 915-1 soil standards indicated in RED.

GPS – Global Positioning System
mg/kg – Milligrams per kilogram
PID = Photoionization Detector
ppm = Parts per million
1,3,5-TMB – 1,3,5-Trimethylbenzene
SAR – Sodium Adsorption Ratio

0 ft. 30 ft. 60 ft.

N

Image Source: Google Earth; Google 2019

DATE: 12/30/2024
DESIGNED BY: J. Whritenour
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Site Assesment Soil Analytical Results Map (11/15/2024)

FIGURE 3