

August 28, 2025

NOBLE ENERGY, INC. (Operator: 100322)
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Report of Work Completed – Facility Closure Investigation

ECMC Well Name (API)	WPF III #A18-13A (05-123-13197)
ECMC Remediation Project	25040
Legal Description	SWSW Sec. 18 T6N-R64W
Coordinates (Lat, Long)	40.480489, -104.599693
County	Weld County, Colorado

Introduction

Confluence Compliance Companies, LLC (Confluence) prepared this Report of Work Completed (ROWC) for Chevron U.S.A Inc. (Chevron) to document remedial investigation activities associated with the wellhead cap and cut and flowline removal at the WPF III #A18-13A (API: 05-123-13197) (Location). Sampling completed by Confluence on June 24, 2025, indicates the need for further assessment to confirm anomalous arsenic concentrations at the wellhead and to collect additional background samples to characterize native inorganic levels at the Location.

The Location is approximately 6.1 miles northeast of Greeley, Colorado, in Weld County as illustrated in the attached Topographic Location Map. Additional information on the Location and the associated remediation project is provided in the title block above and the attached Site Diagrams. This ROWC provides background on the Location, methods used to complete the investigation, results of the investigation, and recommendations for how to proceed with this information.

Background

On October 19, 2022, initial wellhead characterization sampling was conducted by Eagle Environmental Consulting, LLC (Eagle) during cut and cap operations at the Location pursuant to Colorado Energy & Carbon Management Commission (ECMC) Rule 911. Samples were collected for screening from all four sidewalls and the base of the wellhead excavation, and the sample collected from the base of the excavation (WH-FS-01@6') was submitted for analysis of ECMC Table 915-1 organic and Soil Suitability for Reclamation (SSR) constituents. Analytical results of the initial wellhead characterization sample indicated compliance with Table 915-1 Protection of Groundwater Soil Screening Levels (PGSSLs) and SSR standards for all constituents except for electrical conductivity (EC), at a level of 4.20 millimhos per centimeter (mmhos/cm). One background sample was collected (Background-01@3'); however, in response to Form 27 Document 404123503 Condition of Approval (COA), this sample will not be considered as a valid background sample for this project, due to its proximity to the wellhead. See ECMC Form 27 Document 403833160 and the associated attachments for additional details.

On January 10, 2023, Fremont Environmental, Inc. (Fremont) completed initial flowline characterization sampling during the removal of approximately 453 feet of flowline. Four samples were collected along the flowline corridor at each endpoint and bellhole/cut-point for removal. All samples

were field screened and the samples collected at the wellhead and separator risers were submitted for laboratory analysis of Table 915-1 organic and SSR constituents. The sample collected at the separator is being addressed under Remediation Project 25398 per Form 27 Document 403697659. Analytical results of the sample collected at the wellhead indicated compliance with all PGSSL and SSR standards. See ECMC Form 27 Document 403697659 and the associated attachments for additional details.

On November 26, 2024, a supplemental site investigation (SSI) was completed by Eagle to delineate potential impacts at the wellhead. Five soil borings (HA-SS-01 through HA-SS-05) were advanced adjacent to and surrounding the wellhead and samples were collected at 6-7 feet and 7-8 feet below ground surface (bgs). Samples were field screened and submitted for analysis of all Table 915-1 constituents. Additionally, three background soil borings were advanced and samples were collected at 6-7 feet and 7-8 feet bgs and submitted for all Table 915-1 metals and SSR constituents. Analytical results of the delineation samples indicated compliance with all PGSSL and SSR standards, except for EC, SAR, arsenic, barium, cadmium, hexavalent chromium, lead, and selenium. Analytical results of the background samples indicated levels of EC, SAR, arsenic, barium, and hexavalent chromium above the applicable standards. See the Site Investigation Report associated with Form 27 Document 404123503 for details.

Scope of Work

On June 24, 2025, Confluence conducted a site investigation to recharacterize the samples collected by Eagle during the initial and supplemental wellhead assessments. Using a direct push drill rig, five soil borings (WH01-B, WH01-N, WH01-E, WH01-S, and WH01-W) were advanced. WH01-B was advanced at the former wellhead location to correspond with Eagle's initial and supplemental wellhead characterization sample, and the four additional boring locations correspond to Eagle's SSI lateral delineation samples. Soil samples were field screened using visual and olfactory indicators, as well as a photoionization detector (PID), to assess potential impacts. Samples collected at 6 and 9 feet bgs were submitted for laboratory analysis. Additionally, six background soil borings were advanced in native, nearby, non-disturbed areas to characterize native concentrations of inorganics at the Location. One sample was collected from each soil boring: three at 6 feet bgs, and three at 9 feet bgs.

All samples were collected in laboratory provided jars, immediately placed on ice, and delivered to the lab under completed chain-of-custody forms. Characterization samples were analyzed for all Table 915-1 soil constituents of concern and background samples were analyzed for Table 915-1 inorganics (SSR and metals constituents).

Results

These results summarize observations from onsite investigation efforts and associated laboratory analytical results. For organizational and presentation purposes, the results summary is divided between general observations of lithology and hydrogeology for the entire Location and site investigation activities. Collected spatial data are depicted in the attached Site Diagrams. Analytical results are summarized in the attached tables.

Lithology and Hydrogeology

The lithology at the Location is comprised of sandy clay, sandy clay loam, and clay. The soil classification is characterized by the Natural Resources Conservation Service (NRCS) as Aquoll & Aquepts, Flooded. Groundwater is expected to flow east towards Lone Tree Creek, an intermittent tributary to the South Platte River, located approximately 1,000 feet from the Location.



Recharacterization Results

Field screening of soil samples collected within the wellhead recharacterization borings indicated no hydrocarbon impacts. Analytical results of all recharacterization samples are in compliance with Table 915-1 PGSSLs for all organic constituents. Inorganic constituent levels exceeding the applicable standards were detected in all soil borings, with the exceedances primarily occurring at 6 feet bgs. SSR exceedances include EC and sodium adsorption ratio (SAR) in all samples at 6 feet bgs; SAR in one sample at 9 feet bgs, and boron in one sample at 6 feet bgs. EC exceedances range from 5.10 to 7.47 millimhos per centimeter (mmhos/cm), SAR exceedances range from 8.28 to 16.7, and the boron exceedance was detected at 2.07 mg/kg. Arsenic levels exceed PGSSLs in all samples, ranging from 4.11 to 32.0 mg/kg. Exceedances of barium were detected in all samples at 6 feet bgs, and in one sample at 9 feet bgs, with concentrations ranging from 82.5 to 436 mg/kg. Concentrations of cadmium, nickel, and selenium were detected above PGSSLs in WH01-B@6' only, with values of 0.631 mg/kg, 37.1 mg/kg, and 0.737 mg/kg, respectively. Hexavalent chromium was detected in WH01-W@6' only, with a concentration of 0.12 mg/kg.

Background Results

Analytical results of background soil samples indicate native levels of EC, SAR, boron, arsenic, barium, hexavalent chromium, and selenium exceeding SSR and PGSSL standards. The maximum background values for EC, SAR, and boron are 8.50 mmhos/cm, 14.6, and 2.23 mg/kg, respectively. The maximum background concentrations with a 1.25x multiplier applied for arsenic, barium, hexavalent chromium, and selenium are 8.69 mg/kg, 1,105 mg/kg, 0.21 mg/kg, and 0.528 mg/kg respectively.

Recommendations and Analysis

Based on soil sampling completed by Confluence, all organic constituents of concern are within PGSSLs. Several SSR constituents and metals exceeding the applicable standards remain within the investigation area. However, site-specific background data collected from the Location indicates that levels of EC, SAR, boron, arsenic, barium, hexavalent chromium, and selenium above PGSSLs are present in native soil. Based on shared soil classification and observed characteristics, proximity of collection areas, and similar laboratory results when compared to background, it is reasonable to conclude that inorganic constituent concentrations within the investigation area are consistent with the naturally occurring range of values for this area. Confluence recommends Chevron request approval of alternative limits (1.25x background levels) for arsenic (8.69 mg/kg), barium (1,105 mg/kg), hexavalent chromium (0.21 mg/kg), and selenium (0.528 mg/kg), in accordance with Table 915-1 Footnote 11. Additionally, Confluence recommends Chevron request approval of alternative limits for EC (8.50 mmhos/cm), SAR (14.6), and boron (2.23 mg/L) in accordance with Table 915-1 Footnote 1.

Assuming the above considerations and requests are approved, all constituents of concern are within PGSSLs or the requested alternative allowable limit, except for a SAR value of 16.7 at a depth of 6 feet bgs within the western delineation sample (WH01-W@6'); and arsenic and selenium at a depth of 6 feet bgs within the wellhead recharacterization sample (WH01-B@6'), with concentrations of 32.0 mg/kg and 0.737 mg/kg, respectively. Given the anomalous arsenic value within WH01-B@6', Confluence recommends resampling at that location to confirm arsenic levels. Additionally, Confluence recommends additional background sampling to further characterize native levels of SAR, arsenic, and selenium.



Confluence is grateful for the opportunity to support you with this project. If you have any questions about the methods, results or recommendations presented here, please do not hesitate to contact us.

Regards,

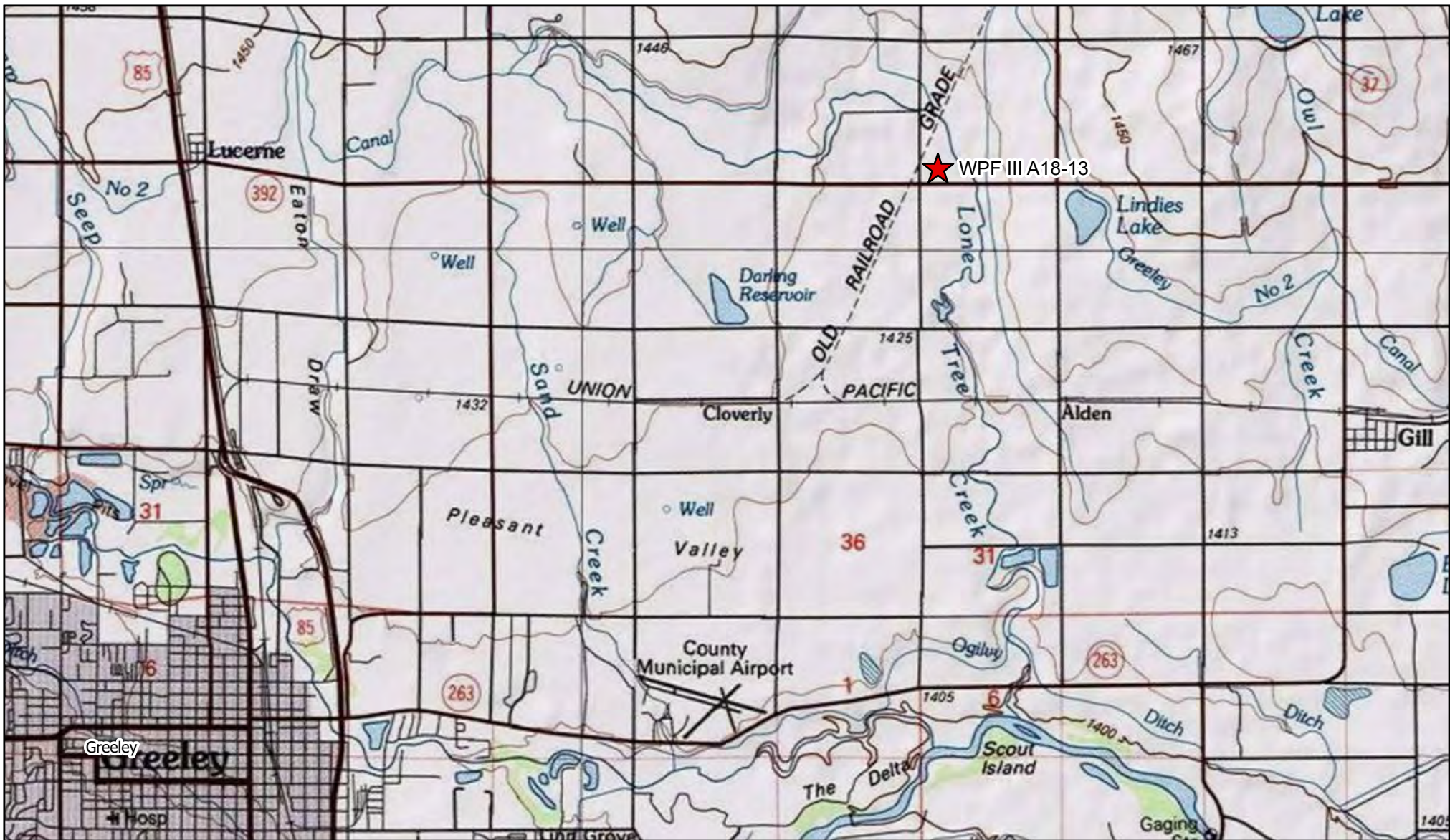
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Attachments

- Topographic Location Map
- Site Diagram – Site Investigation
- Table 1 – Field Data Summary Table
- Table 2 – Summary of Volatile Organic Soil Chemistry Data
- Table 3 – Summary of Polycyclic Aromatic Hydrocarbon Soil Chemistry Data
- Table 4 – Summary of Soil Suitability for Reclamation
- Table 5 – Summary of Metals in Soil Chemistry Data
- Soil Boring Logs
- Photographic Log





Topographic Location Map

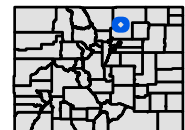
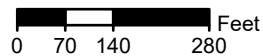
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name (API/ID): WPF III A18-13 (05-123-13197)

legal description: SWSW Sec. 18 T6N-R64W 6

city, county: Unincorporated, Weld County

lat, long: 40.480489, -104.599693



CONFLUENCE
COMPLIANCE COMPANIES

Spatial data is sourced from the ECMC and CDOT. Illustration discrepancies may be present in this diagram due to the inherent limitations of data accuracy for both project data and the underlying aerial imagery. The position of illustrated data may have been manually adjusted to align with the aerial imagery in a manner more representative of field conditions for presentation purposes only.



Site Diagram - Site Overview

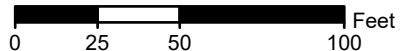
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name (API/ID): WPF III A18-13 (05-123-13197)

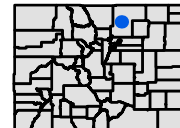
legal description: SWSW Sec. 18 T6N-R64W 6

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- Recharacterization Soil Sample (Collected 6/24/2025)
- Background Soil Sample (Collected 6/24/2025)
- Proposed Resampling Soil Sample
- Proposed Background Soil Samples
- - - Approximate Flowline Location (Removed)
- NRCS Soil Survey: Map Unit Boundary



Spatial data was collected using a hand-held GPS unit with sub-meter accuracy. This information is used for reference purposes only. Confluence does not guarantee the accuracy of this material and is not responsible for any misuse or misinterpretation of this information.

TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE 100322
WPF III #A18-13A, WELD COUNTY, COLORADO
REM # 25040

Sample ID	Sample Date	Depth (ft)	GPS Data		VOC Concentration (ppm)
			Latitude/Longitude		
WH01-B@6'	6/24/2025	6	40.480497	-104.599672	2.6
WH01-B@9'	6/24/2025	9	40.480497	-104.599672	2.8
WH01-S@6'	6/24/2025	6	40.480468	-104.599667	3.3
WH01-S@9'	6/24/2025	9	40.480468	-104.599667	0.0
WH01-E@6'	6/24/2025	6	40.480498	-104.599602	2.3
WH01-E@9'	6/24/2025	9	40.480498	-104.599602	0.3
WH01-N@6'	6/24/2025	6	40.480554	-104.599660	2.8
WH01-N@9'	6/24/2025	9	40.480554	-104.599660	0.0
WH01-W@6'	6/24/2025	6	40.480493	-104.599754	17.0
WH01-W@9'	6/24/2025	9	40.480493	-104.599754	0.0
BKG01@6'	6/24/2025	6	40.480631	-104.600088	3.5
BKG02@9'	6/24/2025	9	40.480355	-104.600180	0.5
BKG03@6'	6/24/2025	6	40.480262	-104.600010	0.0
BKG04@9'	6/24/2025	9	40.480232	-104.599662	1.5
BKG05@6'	6/24/2025	6	40.480354	-104.599360	0.0
BKG06@9'	6/24/2025	9	40.480436	-104.599312	0.0

1. Global Positioning System (GPS) data is provided in decimal degrees using North American Datum (NAD) 83 UTMZone 13 North.

2. Volatile organic compound (VOC) concentrations are measured in the field using a photoionization detector (PID).

ppm = Parts per million

ft = Feet

TABLE 2
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE 100322
WPF III #A18-13A, WELD COUNTY, COLORADO
REM # 25040

Sample ID	Sample Date	Depth (ft)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylenes (mg/kg)	1,2,4-Trimethyl-Benzene (mg/kg)	1,3,5-Trimethyl-Benzene (mg/kg)	Naphthalene (mg/kg)	TPH (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			1.2	490	5.8	58	30	27	2	500	500**		
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038	500	500**		
WH01-B@6'	6/24/2025	6	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002	25.8	<0.200	25.8	<100
WH01-B@9'	6/24/2025	9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002	<500	<0.200	<25.0	<100
WH01-S@6'	6/24/2025	6	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002	<500	<0.200	<25.0	<100
WH01-S@9'	6/24/2025	9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002	<500	<0.200	<25.0	<100
WH01-E@6'	6/24/2025	6	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002	<500	<0.200	<25.0	<100
WH01-E@9'	6/24/2025	9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002	<500	<0.200	<25.0	<100
WH01-N@6'	6/24/2025	6	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002	<500	<0.200	<25.0	<100
WH01-N@9'	6/24/2025	9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002	<500	<0.200	<25.0	<100
WH01-W@6'	6/24/2025	6	<0.00200	<0.00200	<0.00200	0.0179	<0.00200	<0.00200	<0.002	<500	<0.200	<25.0	<100
WH01-W@9'	6/24/2025	9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.002	<500	<0.200	<25.0	<100

1. Bold values exceed the ECMC Table 915-1 limit(s)
 2. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)
 3. ** Summation of GRO+DRO+ORO must be less than 500 mg/kg
- (<) = Analytical result is less than the indicated laboratory reporting limit.
TPH-GRO = Total petroleum hydrocarbons - gasoline range organics
TPH-DRO = Total petroleum hydrocarbons - diesel range organics
TPH-ORO = Total petroleum hydrocarbons - oil range organics
mg/kg = Milligrams per kilogram
ft = Feet

TABLE 3
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
NOBLE 100322
WPF III #A18-13A, WELD COUNTY, COLORADO
REM # 25040

Sample ID	Sample Date	Depth (ft)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo (a) Anthracene (mg/kg)	Benzo (a) Pyrene (mg/kg)	Benzo (b) Fluoranthene (mg/kg)	Benzo (k) Fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo (a,h) Anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno (1,2,3-cd) Pyrene (mg/kg)	Pyrene (mg/kg)	1-Methyl - Naphthalene (mg/kg)	2-Methyl - Naphthalene (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			360	1800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180	18	24
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	1.3	0.006	0.019
WH01-B@6'	6/24/2025	6	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002
WH01-B@9'	6/24/2025	9	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002
WH01-S@6'	6/24/2025	6	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002
WH01-S@9'	6/24/2025	9	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002
WH01-E@6'	6/24/2025	6	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002
WH01-E@9'	6/24/2025	9	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002
WH01-N@6'	6/24/2025	6	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002
WH01-N@9'	6/24/2025	9	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002
WH01-W@6'	6/24/2025	6	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002
WH01-W@9'	6/24/2025	9	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.002	<0.002

1. Bold values exceed the ECMC Table 915-1 limit(s)

2. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)

(<) = Analytical result is less than the indicated laboratory reporting limit.

mg/kg = Milligrams per kilogram

ft = Feet

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE 100322
WPF III #A18-13A, WELD COUNTY, COLORADO
REM # 25040

Sample ID	Sample Date	Depth (ft)	pH (Standard Units)	EC (mmhos/cm)	SAR (Standard Units)	Boron (mg/L)
ECMC Table 915-1 Soil Suitability Limits			6 - 8.3	<4	<6	2
WH01-B@6'	6/24/2025	6	8.01	5.40	10.7	1.48
WH01-B@9'	6/24/2025	9	8.22	1.39	5.82	0.847
WH01-S@6'	6/24/2025	6	7.93	6.11	11.3	2.07
WH01-S@9'	6/24/2025	9	8.27	1.62	8.28	0.777
WH01-E@6'	6/24/2025	6	7.99	7.47	11.9	1.93
WH01-E@9'	6/24/2025	9	8.18	1.38	4.80	0.377
WH01-N@6'	6/24/2025	6	7.89	5.61	9.58	0.909
WH01-N@9'	6/24/2025	9	8.19	1.39	4.92	0.280
WH01-W@6'	6/24/2025	6	8.10	5.10	16.7	1.19
WH01-W@9'	6/24/2025	9	8.04	2.35	3.96	0.459
BKG01@6'	6/24/2025	6	8.09	1.90	7.33	1.41
BKG02@9'	6/24/2025	9	8.03	1.42	4.31	0.548
BKG03@6'	6/24/2025	6	7.78	5.55	9.23	1.44
BKG04@9'	6/24/2025	9	8.05	1.34	4.34	0.348
BKG05@6'	6/24/2025	6	7.91	8.50	14.6	2.23
BKG06@9'	6/24/2025	9	8.15	1.39	4.39	0.385
Maximum Background Concentration			8.15	8.50	14.6	2.23

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within background concentrations.
2. **Bold** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.
3. Brown highlighted soil analytical values indicate a regulatory exceedance.

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE 100322
WPF III #A18-13A, WELD COUNTY, COLORADO
REM # 25040

Sample ID	Sample Date	Depth (ft)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			0.68	15000	71	0.3	3100	400	1500	390	390	23000
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
WH01-B@6'	6/24/2025	6	32.0	436	0.631	<0.21*	<43.1	14.0	37.1	0.737	<0.750	<347
WH01-B@9'	6/24/2025	9	6.19	<75.0	<0.348	<0.20*	<42.1	<12.8	<23.8	<0.238	<0.732	<338
WH01-S@6'	6/24/2025	6	5.89	154	<0.365	<0.21*	<44.2	13.7	<25.0	<0.250	<0.769	<356
WH01-S@9'	6/24/2025	9	4.21	377	<0.368	<0.20*	<44.6	<13.6	<25.2	<0.252	<0.775	<359
WH01-E@6'	6/24/2025	6	6.25	136	<0.348	<0.20*	<42.2	<12.8	<23.8	<0.238	<0.733	<339
WH01-E@9'	6/24/2025	9	4.72	<81.1	<0.376	<0.20*	<45.5	<13.9	<25.7	<0.257	<0.791	<366
WH01-N@6'	6/24/2025	6	4.42	82.5	<0.379	<0.20*	<45.8	<13.9	<25.9	<0.259	<0.797	<369
WH01-N@9'	6/24/2025	9	4.11	<70.9	<0.329	<0.20*	<39.8	<12.1	<22.5	<0.225	<0.692	<320
WH01-W@6'	6/24/2025	6	5.42	90.8	<0.325	0.12	<39.3	<12.0	<22.2	<0.222	<0.684	<316
WH01-W@9'	6/24/2025	9	8.69	<76.6	<0.355	<0.20*	<43.0	<13.1	<24.3	<0.243	<0.747	<346
BKG01@6'	6/24/2025	6	6.95	<78.7	<0.365	0.17	<44.2	<13.4	<25.0	<0.250	<0.768	<355
BKG02@9'	6/24/2025	9	5.53	<78.1	<0.362	<0.19*	<43.8	<13.3	<24.8	<0.248	<0.762	<353
BKG03@6'	6/24/2025	6	4.58	884	<0.325	0.12	<39.3	<12.0	<22.2	<0.222	<0.684	<316
BKG04@9'	6/24/2025	9	5.88	<77.5	<0.359	<0.19*	<43.5	<13.2	<24.6	0.422	<0.756	<350
BKG05@6'	6/24/2025	6	5.23	152	<0.348	<0.20*	<42.1	<12.8	<23.8	0.268	<0.733	<339
BKG06@9'	6/24/2025	9	4.28	<80.9	<0.375	<0.20*	<45.4	<13.8	<25.7	<0.257	<0.789	<365
1.25x Maximum Background Concentration			8.69	1105	-	0.21	-	-	-	0.528	-	-

- Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x background concentrations.
- Red** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.
- Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
- Non-detect background results accounted for in the highest background concentration by using the reporting limit.

ECMC = Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

mg/kg = Milligrams per kilogram

ft = Feet

* Indicates laboratory minimum detection limit in excess of SSL

Boring Number: WH01-B				Lat/Long: 40.480497, -104.599672		
Scope: Delineation Soil Sampling				Drilling Equipment: Power Probe 9500		
Drilling Method: Direct Push		Drilling Contractor: Alpine Remediation		Driller: Tom Morris		
Date: 06/24/2025	Start Time: 1135	Finish Time: 1150	DTW: NA	Total Depth of Boring: 9'		
Geologist: Holly Tignac						
Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1140	55%	NA	CL	Brown, Sandy Clay, moist, low-medium plasticity. No odor or staining.	0.0
5 - 7	1145	90%	NA	CL	Tan, Sandy Clay, moist, medium plasticity. No odor or staining.	2.6
7-9	1150	90%	NA	CL	Tan, Sandy Clay, moist, high plasticity. No odor or staining.	2.8
Samples Collected: 6' & 9' - 3 4oz jars each				Comments: Backfilled with bentonite chips.		

Boring Number: WH01-N				Lat/Long: 40.480554, -104.599660		
Scope: Delineation Soil Sampling				Drilling Equipment: Power Probe 9500		
Drilling Method: Direct Push		Drilling Contractor: Alpine Remediation		Driller: Tom Morris		
Date: 06/24/2025	Start Time: 1120	Finish Time: 1135	DTW: NA	Total Depth of Boring: 9'		
Geologist: Holly Tignac						
Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1125	90%	NA	CL	Brown, Sandy Clay, moist, medium plasticity. No odor or staining.	0.0
5 - 7	1130	85%	NA	CL	Brown, Sandy Clay, moist, medium plasticity. No odor or staining.	2.8
7-9	1135	85%	NA	CL	Brown/Tan, Clay, moist, high plasticity, lime concretions present. No odor or staining.	0.0
Samples Collected: 6' & 9' - 3 4oz jars each				Comments: Backfilled with bentonite chips.		

Boring Number: WH01-E				Lat/Long: 40.480498, -104.599602		
Scope: Delineation Soil Sampling				Drilling Equipment: Power Probe 9500		
Drilling Method: Direct Push		Drilling Contractor: Alpine Remediation		Driller: Tom Morris		
Date: 06/24/2025	Start Time: 1200	Finish Time: 1210	DTW: NA	Total Depth of Boring: 9'		
Geologist: Holly Tignac						
Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1200	85%	NA	CL	Brown, Sandy Clay Loam, dry, low plasticity. No odor or staining.	0.0
5 - 7	1205	80%	NA	CL	Tan/brown, Sandy Clay Loam, dry, medium plasticity. No odor or staining. @7-8' Orange streaks	2.3
7-9	1210	80%	NA	CL	Tan, Sandy Clay Loam, moist, medium plasticity. No odor or staining.	0.3
Samples Collected: 6' & 9' - 3 4oz jars each				Comments: Backfilled with bentonite chips.		

Boring Number: WH01-S				Lat/Long: 40.480468, -104.599667		
Scope: Delineation Soil Sampling				Drilling Equipment: Power Probe 9500		
Drilling Method: Direct Push		Drilling Contractor: Alpine Remediation		Driller: Tom Morris		
Date: 06/24/2025	Start Time: 1150	Finish Time: 1200	DTW: NA	Total Depth of Boring: 9'		
Geologist: Holly Tignac						
Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1150	85%	NA	CL	Tan, Sandy Clay Loam, dry, low plasticity. No odor or staining. @5' Brown, Sandy Clay, moist, medium plasticity.	0.0
5 - 7	1155	90%	NA	CL	Tan, Sandy Clay Loam, dry, low-medium plasticity. No odor or staining.	3.3
7-9	1200	90%	NA	CL	Tan, Sandy Clay, moist, medium plasticity. No odor or staining.	0.0
Samples Collected: 6' & 9' - 3 4oz jars each				Comments: Backfilled with bentonite chips.		

Boring Number: WH01-W				Lat/Long: 40.480493, -104.599754		
Scope: Delineation Soil Sampling				Drilling Equipment: Power Probe 9500		
Drilling Method: Direct Push		Drilling Contractor: Alpine Remediation		Driller: Tom Morris		
Date: 06/24/2025	Start Time: 1100	Finish Time: 1115	DTW: NA	Total Depth of Boring: 9'		
Geologist: Holly Tignac						
Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 2	1105	90%	NA	CL	Brown, Sandy Clay Loam, dry, low plasticity. No odor or staining.	-
2 - 5	1105	90%	NA	CL	Brown, Sandy Clay, dry, medium plasticity. No odor or staining.	0.0
5 - 7	1110	80%	NA	CL	Brown, Sandy Clay Loam, dry, low plasticity. No odor or staining. @7' Orange streaks with gravel	17.0
7 - 9	1115	80%	NA	CL	Brown/Tan, Clay, moist, high plasticity. No odor or staining.	0.0
Samples Collected: 6' & 9' - 3 4oz jars each				Comments: Backfilled with bentonite chips.		

Boring Number: BKG01				Lat/Long: 40.480631, -104.600088		
Scope: Background Soil Sampling				Drilling Equipment: Power Probe 9500		
Drilling Method: Direct Push		Drilling Contractor: Alpine Remediation		Driller: Tom Morris		
Date: 06/24/2025	Start Time: 1305	Finish Time: 1315	DTW: NA	Total Depth of Boring: 6'		
Geologist: Holly Tignac						
Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1310	90%	NA	CL	Brown, Sandy Clay, dry, low-medium plasticity. No odor or staining.	2.3
5 - 6	1315	90%	NA	CL	Brown/Tan, Sandy Clay, moist, medium plasticity. No odor or staining.	3.5
Samples Collected: 6' - 2 4oz jars				Comments: Backfilled with bentonite chips.		

Boring Number: BKG02				Lat/Long: 40.480355, -104.600180		
Scope: Background Soil Sampling				Drilling Equipment: Power Probe 9500		
Drilling Method: Direct Push		Drilling Contractor: Alpine Remediation		Driller: Tom Morris		
Date: 06/24/2025	Start Time: 1300	Finish Time: 1310	DTW: NA	Total Depth of Boring: 9'		
Geologist: Holly Tignac						
Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1300	75%	NA	CL	Brown, Sandy Clay, dry, low plasticity. No odor or staining.	2.5
5 - 9	1305	80%	NA	CL	Tan, Sandy Clay, moist, medium plasticity. No odor or staining.	0.5
Samples Collected: 9' - 2 4oz jars				Comments: Backfilled with bentonite chips.		

Boring Number: BKG03				Lat/Long: 40.480262, -104.600010		
Scope: Background Soil Sampling				Drilling Equipment: Power Probe 9500		
Drilling Method: Direct Push		Drilling Contractor: Alpine Remediation		Driller: Tom Morris		
Date: 06/24/2025	Start Time: 1240	Finish Time: 1255	DTW: NA	Total Depth of Boring: 6'		
Geologist: Holly Tignac						
Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1245	90%	NA	CL	Brown, Sandy Clay, moist, medium plasticity. No odor or staining.	0.0
5 - 6	1250	90%	NA	CL	Brown/Tan, Sandy Clay, moist, medium plasticity. No odor or staining.	0.0
Samples Collected: 6' - 2 4oz jars				Comments: Backfilled with bentonite chips.		

Boring Number: BKG04				Lat/Long: 40.480232, -104.599662		
Scope: Background Soil Sampling				Drilling Equipment: Power Probe 9500		
Drilling Method: Direct Push		Drilling Contractor: Alpine Remediation		Driller: Tom Morris		
Date: 06/24/2025	Start Time: 1230	Finish Time: 1240	DTW: NA	Total Depth of Boring: 9'		
Geologist: Holly Tignac						
Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1235	95%	NA	CL	Brown, Sandy Clay, moist, low plasticity. No odor or staining.	2.8
5 - 9	1240	75%	NA	CL	Tan w/ orange streaks, Sandy Clay, moist, medium plasticity. No odor or staining.	1.5
Samples Collected: 9' - 2 4oz jars				Comments: Backfilled with bentonite chips.		

Boring Number: BKG05				Lat/Long: 40.480354, -104.599360		
Scope: Background Soil Sampling				Drilling Equipment: Power Probe 9500		
Drilling Method: Direct Push		Drilling Contractor: Alpine Remediation		Driller: Tom Morris		
Date: 06/24/2025	Start Time: 1220	Finish Time: 1230	DTW: NA	Total Depth of Boring: 6'		
Geologist: Holly Tignac						
Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1225	85%	NA	CL	Brown, Sandy Clay, moist, low-medium plasticity. No odor or staining.	1.3
5 - 6	1230	75%	NA	CL	Brown, Sandy Clay, moist, high plasticity. No odor or staining.	0.0
Samples Collected: 6' - 2 4oz jars				Comments: Backfilled with bentonite chips.		

Boring Number: BKG06				Lat/Long: 40.480436, -104.599312		
Scope: Background Soil Sampling				Drilling Equipment: Power Probe 9500		
Drilling Method: Direct Push		Drilling Contractor: Alpine Remediation		Driller: Tom Morris		
Date: 06/24/2025	Start Time: 1215	Finish Time: 1220	DTW: NA	Total Depth of Boring: 9'		
Geologist: Holly Tignac						
Depth (ft)	Time	Recovery	Standard Penetration Test Results	USCS Symbol	Material Description	PID Reading (ppm)
0 - 5	1215	85%	NA	CL	Brown, Sandy Clay Loam, dry, low plasticity. No odor or staining.	1.3
5 - 9	1220	90%	NA	CL	Tan, Sandy Clay, moist, medium plasticity. No odor.	0.0
Samples Collected: 9' - 2 4oz jars				Comments: Backfilled with bentonite chips.		



Photographic Log

Remediation Investigation
WPF III #A18-13A (API: 05-123-13197)



Soil Boring WH01-B: View East



Photographic Log

Remediation Investigation
WPF III #A18-13A (API: 05-123-13197)



Soil Boring WH01-N: View Northwest



Photographic Log

Remediation Investigation
WPF III #A18-13A (API: 05-123-13197)



Soil Boring WH01-E: View East



Photographic Log

Remediation Investigation
WPF III #A18-13A (API: 05-123-13197)

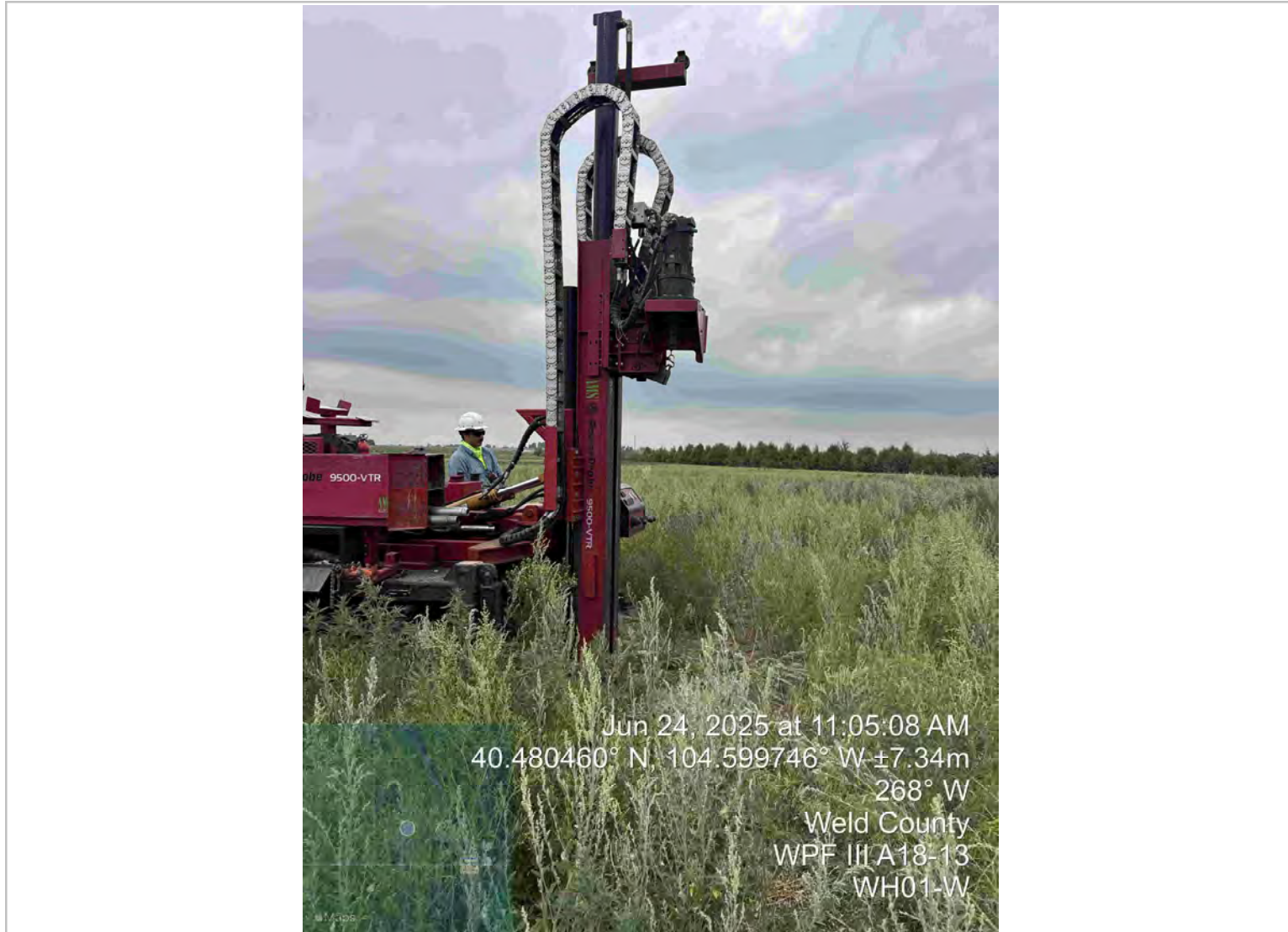


Soil Boring WH01-S: View South



Photographic Log

Remediation Investigation
WPF III #A18-13A (API: 05-123-13197)

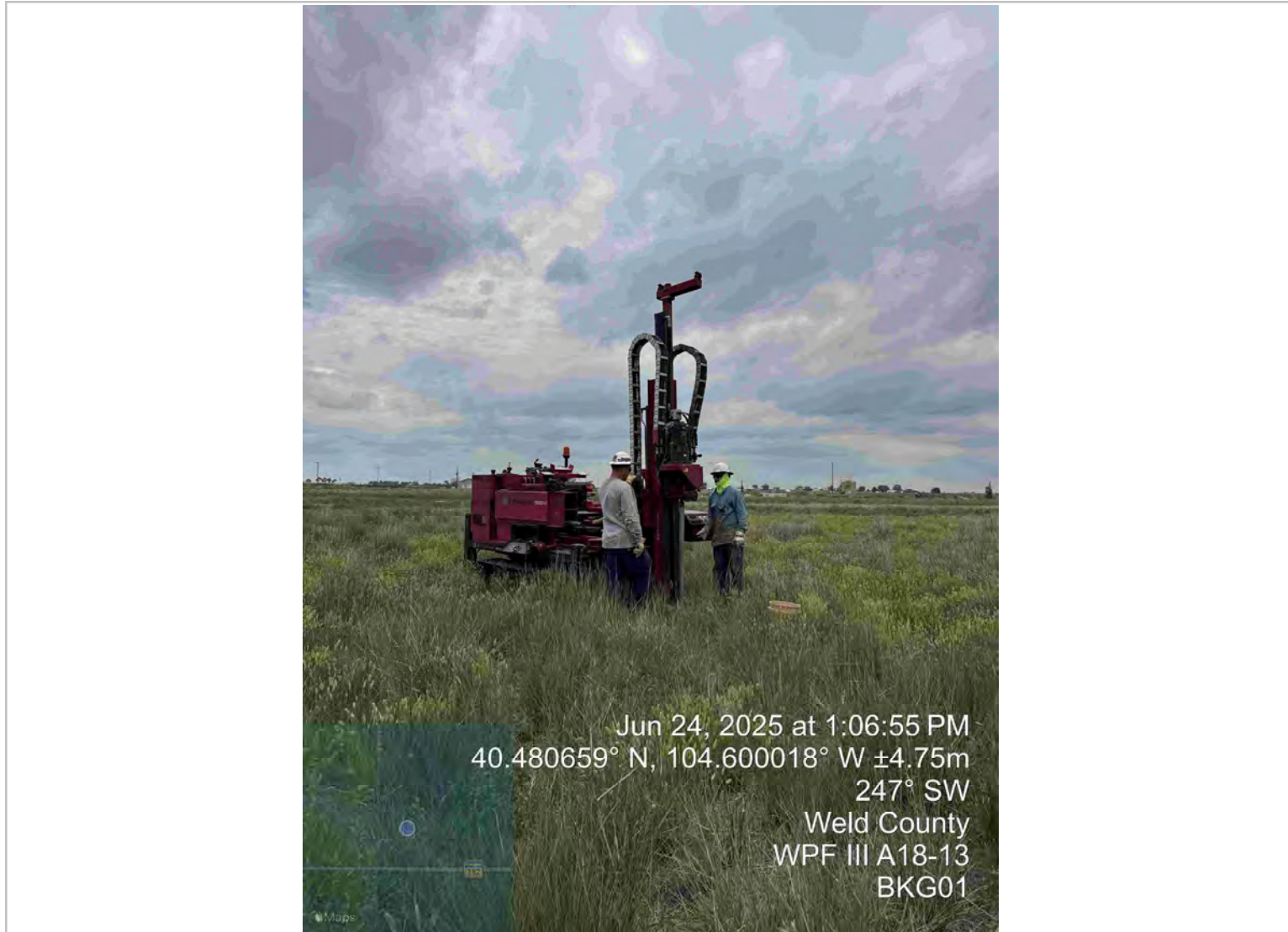


Soil Boring WH01-W: View West



Photographic Log

Remediation Investigation
WPF III #A18-13A (API: 05-123-13197)

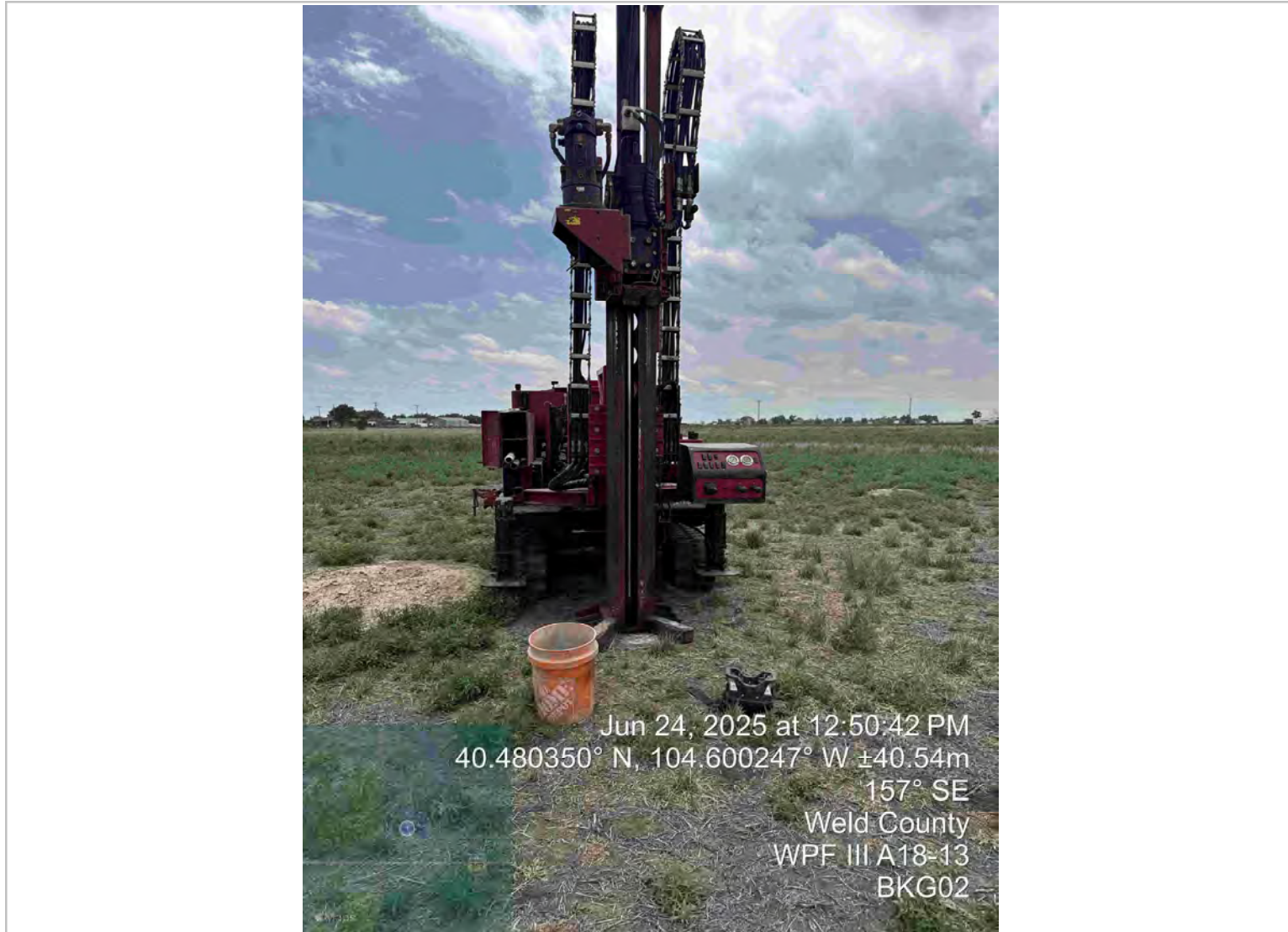


Soil Boring BKG01: View Southwest



Photographic Log

Remediation Investigation
WPF III #A18-13A (API: 05-123-13197)



Soil Boring BKG02: View Southeast



Photographic Log

Remediation Investigation
WPF III #A18-13A (API: 05-123-13197)



Soil Boring BKG03: View East



Photographic Log

Remediation Investigation
WPF III #A18-13A (API: 05-123-13197)

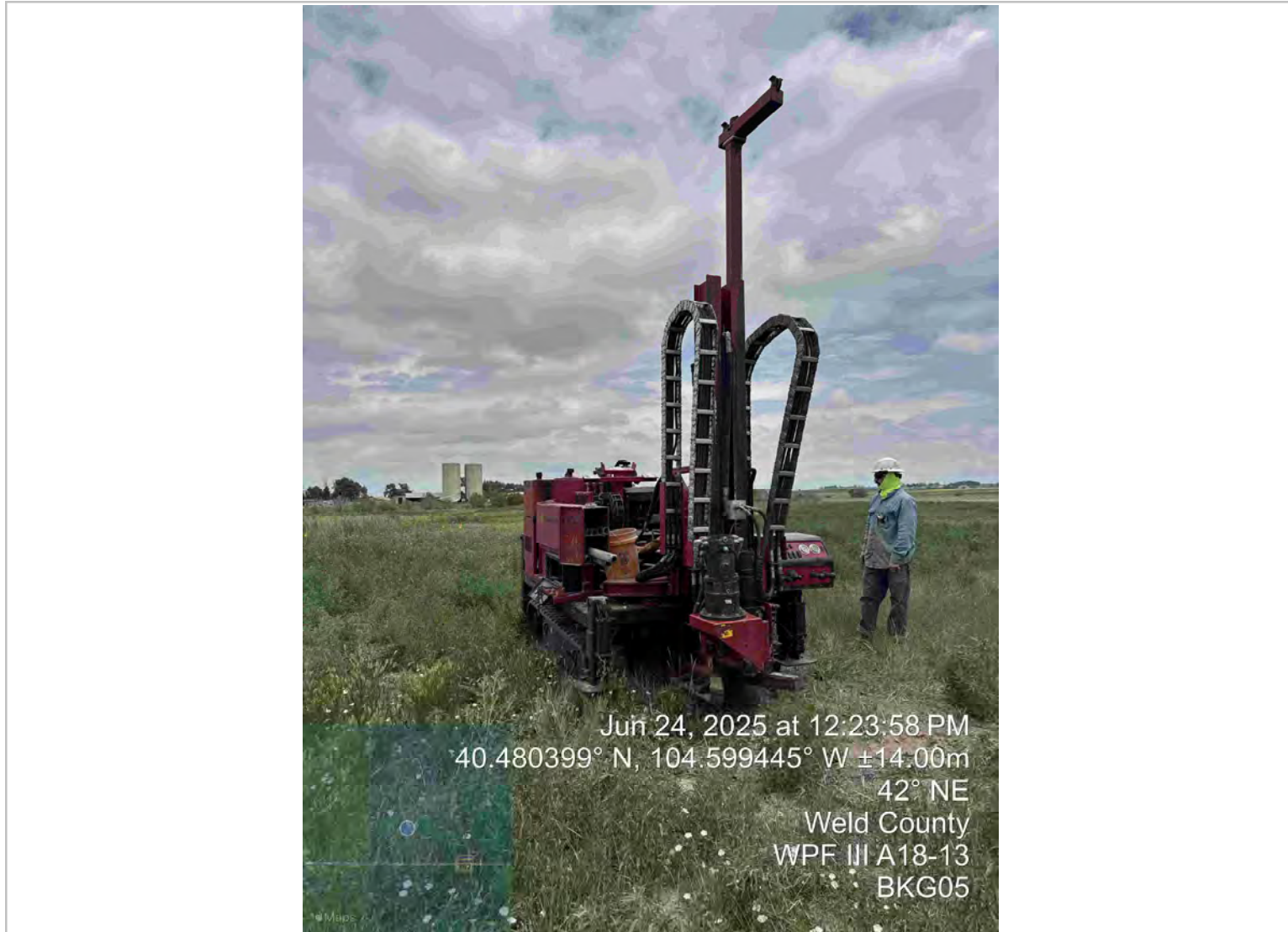


Soil Boring BKG04: View East



Photographic Log

Remediation Investigation
WPF III #A18-13A (API: 05-123-13197)

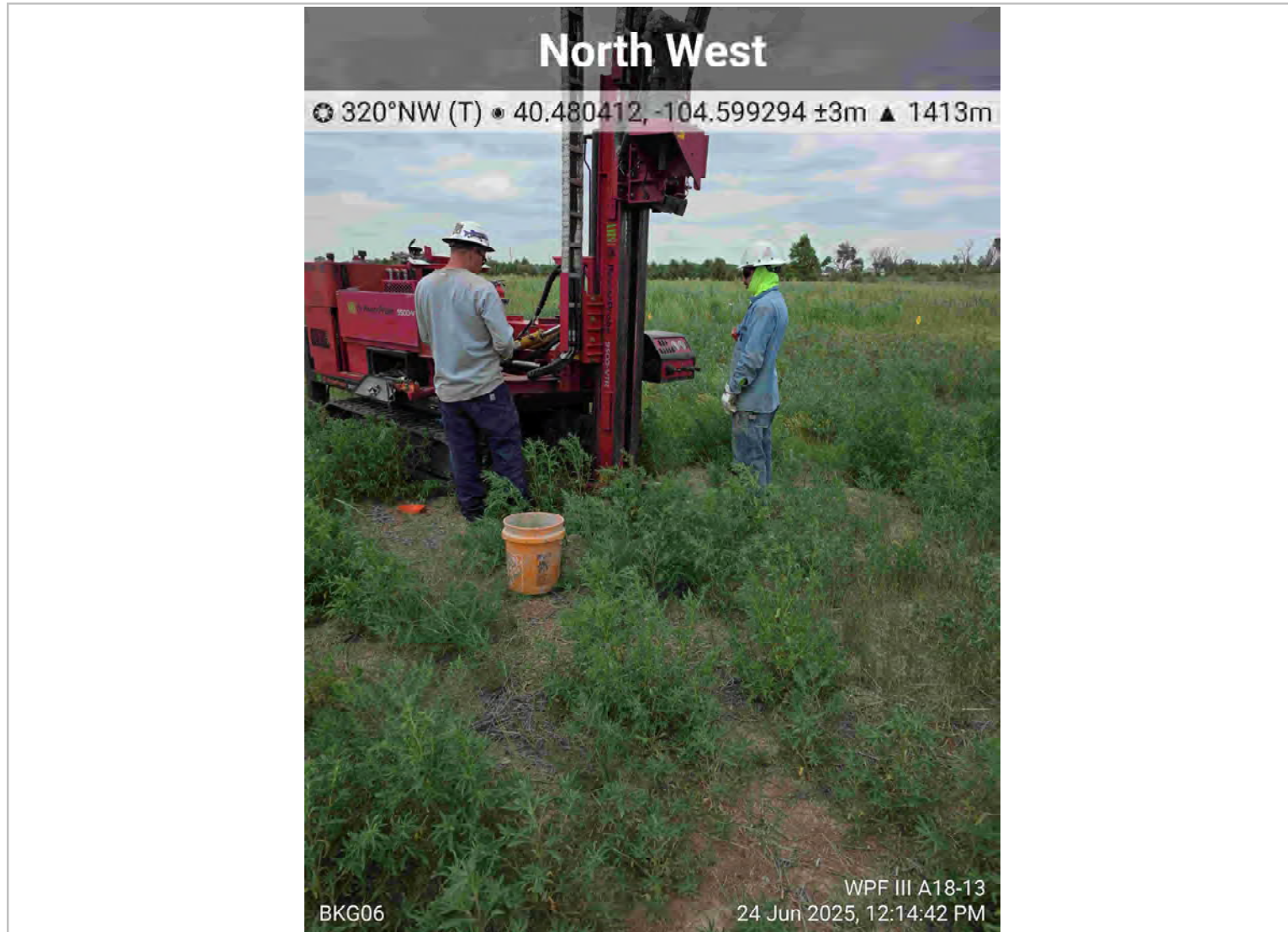


Soil Boring BKG05: View Northeast



Photographic Log

Remediation Investigation
WPF III #A18-13A (API: 05-123-13197)



Soil Boring BKG06: View Northwest