

Chevron Rockies Business Unit

Field Qualitative Criteria for ECMC Reporting Associated with the Discovery of Potentially Impacted Material

If answered **Yes** to any of the questions listed below, this may suggest the presence of potentially impacted materials as outlined in ECMC Rule 912. Out of an abundance of caution, a “Yes” response will be reported to the ECMC within 24 hours after discovery, regardless of laboratory results. **Immediately notify the RBU Remediation Team.** Include a copy of this Field Qualitative Spill Criteria Checklist in the field Report.

Please answer the following questions when on-site:

1. Is there visible petroleum hydrocarbon staining in the soil?
(Yes / **No**)
2. Does the soil sample from the stained area have a petroleum odor?
(Yes / **No**)
3. Is there a petroleum hydrocarbon sheen on the nearby surface water?
(Yes / **No**)
4. Does there appear to be a sheen on the surface of accumulated groundwater or seeps within the excavation indicative of petroleum?
(Yes / **No**)
5. Is stained soil in contact with groundwater?
(Yes / **No**)

Please Include relevant photos of the site conditions for items 1-5.

Location name: UPRC-65N64W 23SESW TB (REM # 22296)

Please Circle Facility Type: Well / Flowline / **Production Facility** / Other

SITE NAME / REM: UPRC-65N64W 23SESW (Facility) / REM #22296								DATE: 9/10/2025	WEATHER: 76F and Sunny	
TYPE OF WORK: Tank Battery Decommissioning Re-sampling								CLIENT: Noble Energy Inc.		
LAT/LONG: 40.378094, -104.519704								PERSONNEL: TC		
ESTIMATED DEPTH TO GROUNDWATER: Groundwater not encountered								OTHER OBSERVATIONS: None		
SOIL SAMPLING								FACILITY INFRASTRUCTURE		
Date	Soil Sample ID	Soil Type	PID (ppm)	Staining (Y/N)	Odor (Y/N)	Time	Sent to lab on Ice? (Y/N)	EQUIPMENT		Quantity
								Above Ground Storage Tank (AST)		2
9/10/2025	WAST01 6ft	SP	0.6	N	N	11:00	Y	Buried or Partially Buried Vessel		2
9/10/2025	EAST01 6ft	SP	0.8	N	N	11:10	Y	Separator		2
9/10/2025	SSEP01 6ft	SP	0.2	N	N	11:20	Y	Emission Control Device (ECD)		2
9/10/2025	EPWVN01 6ft	SP	6.5	N	N	11:30	Y	Dump Line		1
9/10/2025	WPWVN01 6ft	SP	0.9	N	N	11:40	Y	Wellhead		-
9/10/2025	EPWVB01 7ft	SP	1.1	N	N	11:50	Y	Flowline		-
9/10/2025	WPWVB01 7ft	SP	0.1	N	N	12:00	Y	Third Party Equipment:		2 Meter Houses
9/10/2025	NSEP01 6ft	SP	0.5	N	N	12:10	Y	Other:		-
9/10/2025	BKG06 0.5ft	SP	0.0	N	N	12:30	Y	Soil Loads Removed		
9/10/2025	BKG06 6ft	SP	0.0	N	N	12:40	Y	IMPACTED SOIL IDENTIFIED? No		
9/10/2025	BKG06 7ft	SP	0.0	N	N	12:50	Y	ESTIMATED VOLUME OF IMPACTS: NA		
9/10/2025	BKG07 0.5ft	SP	0.0	N	N	13:00	Y	Date	Number	CY
9/10/2025	BKG07 6ft	SP	0.0	N	N	13:10	Y			
9/10/2025	BKG07 7ft	SP	0.0	N	N	13:20	Y			
9/10/2025	BKG08 0.5ft	SP	0.0	N	N	13:30	Y			
9/10/2025	BKG08 6ft	SP	0.0	N	N	13:40	Y			
9/10/2025	BKG08 7ft	SP	0.0	N	N	13:50	Y	Total Removed		
9/10/2025	BKG09 0.5ft	SP	0.0	N	N	14:00	Y	Disposal Facility:		
9/10/2025	BKG09 6ft	SP	0.0	N	N	14:10	Y	Groundwater Recovery		
9/10/2025	BKG09 7ft	SP	0.0	N	N	14:20	Y	DATE GW ENCOUNTERED: NA	DEPTH:	
9/10/2025	BKG10 0.5ft	SP	0.0	N	N	14:30	Y	GROUNDWATER IN CONTACT WITH IMPACTED SOIL?		
9/10/2025	BKG10 6ft	SP	0.0	N	N	14:40	Y	LNAPL OR SHEEN OBSERVED ON GW?		
9/10/2025	BKG10 7ft	SP	0.0	N	N	14:50	Y	Date	BBLs	
GROUNDWATER SAMPLING										
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?	Sent to lab on Ice? (Y/N)			
								Total Removed		
								Disposal Facility:		

TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE 100322
UPRC-65N64W 23SESW, WELD COUNTY, COLORADO
REM # 22296

Sample ID	Sample Date	Depth (ft)	GPS Data Latitude/Longitude		PDOP Value	VOC Concentration (ppm)
EAST01@6.0"	6/20/2022	0.5 Ft	40.378094	-104.519704	-	0.3
EAST01 6ft	9/10/2025	6.0 Ft	40.378094	-104.519704	-	0.8
WAST01@6.0"	6/20/2022	0.5 Ft	40.378091	-104.519767	-	0.1
WAST01@6.0" (2)	1/9/2024	0.5 Ft	40.378091	-104.519767	-	0.0
WAST01 6ft	9/10/2025	6.0 Ft	40.378091	-104.519767	-	0.6
SEP01@6.0"	6/20/2022	0.5 Ft	40.378091	-104.520107	-	0.3
SSEP01 6ft	9/10/2025	6.0 Ft	40.378091	-104.520107	-	0.2
NSEP01 6ft	9/10/2025	6.0 Ft	-	-	-	0.5
MET01@6.0"	6/20/2022	0.5 Ft	40.378131	-104.520164	-	1.3
MET02@6.0"	6/20/2022	0.5 Ft	40.378054	-104.520105	-	0.2
ECD01@6.0"	6/20/2022	0.5 Ft	40.378146	-104.520208	-	3.7
ECD02@6.0"	6/20/2022	0.5 Ft	40.378106	-104.520210	-	2.1
DL01@3.0'	6/20/2022	3.0 Ft	40.378093	-104.520095	-	1.0
DL02@6.0'	6/20/2022	6.0 Ft	40.378082	-104.519880	-	0.6
EPWVN01@6.0'	6/20/2022	6.0 Ft	40.378127	-104.519829	-	1.0
EPWVN01@6.0' (2)	1/9/2024	6.0 Ft	40.378127	-104.519829	-	0.0
EPWVN01 6ft	9/10/2025	6.0 Ft	40.378127	-104.519829	-	6.5
EPWVS01@6.0'	6/20/2022	6.0 Ft	40.378085	-104.519832	-	0.6
EPWVE01@6.0'	6/20/2022	6.0 Ft	40.378105	-104.519814	-	0.8
WPWVN01@6.0'	6/20/2022	6.0 Ft	40.378128	-104.519857	-	5.4
WPWVN01@6.0' (2)	1/9/2024	6.0 Ft	40.378128	-104.519857	-	0.0
WPWVN01 6ft	9/10/2025	6.0 Ft	40.378128	-104.519857	-	0.9
WPWVS01@6.0'	6/20/2022	6.0 Ft	40.378084	-104.519857	-	0.3

TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE 100322
UPRC-65N64W 23SESW, WELD COUNTY, COLORADO
REM # 22296

Sample ID	Sample Date	Depth (ft)	GPS Data Latitude/Longitude		PDOP Value	VOC Concentration (ppm)
WPWVW01@6.0'	6/20/2022	6.0 Ft	40.378108	-104.519876	-	1.7
EPWVB01@7.0'	6/20/2022	7.0 Ft	40.378105	-104.519827	-	9.7
EPWVB01@7.0' (2)	1/9/2024	7.0 Ft	40.378105	-104.519827	-	0.0
EPWVB01 7ft	9/10/2025	7.0 Ft	40.378105	-104.519827	-	1.1
WPWVB01@7.0'	6/20/2022	7.0 Ft	40.378106	-104.519853	-	0.8
WPWVB01@7.0' (2)	1/9/2024	7.0 Ft	40.378106	-104.519853	-	0.0
WPWVB01 7ft	9/10/2025	7	40.378106	-104.519853	-	0.1
SB-E	10/29/2024	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3780845	-104.5196427	1.1	0.0
SB-W	10/29/2024	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3780950	-104.5199135	1.0	0.0
SB-S	10/29/2024	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3780346	-104.5197677	0.9	0.0
SB-NW	10/29/2024	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3781415	-104.5198403	1.0	0.0
SB-NE	10/29/2024	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3778419	-104.5202671	1.3	0.0
BKG01@6.0"	6/20/2022	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3784790	-104.5198110	-	0.0
BKG-1	10/29/2024	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3781084	-104.5205525	0.9	0.0
BKG-2	10/29/2024	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3778419	-104.5202671	1.0	0.0
BKG-3	10/29/2024	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3780818	-104.5193382	0.9	0.0
BKG-4	10/29/2024	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3784790	-104.5193887	0.9	0.0
BKG-5	10/29/2024	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3787362	-104.5200565	1.0	0.0
BKG-6	9/10/2025	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3778104	-104.5192419	-	0.0
BKG-7	9/10/2025	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3780501	-104.5192587	-	0.0
BKG-8	9/10/2025	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3782321	-104.5193537	-	0.0
BKG-9	9/10/2025	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3783351	-104.5195268	-	0.0

TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE 100322
UPRC-65N64W 23SESW, WELD COUNTY, COLORADO
REM # 22296

Sample ID	Sample Date	Depth (ft)	GPS Data		PDOP Value	VOC Concentration (ppm)
			Latitude/Longitude			
BKG-10	9/10/2025	0.5 Ft, 6.0 Ft, 7.0 Ft	40.3783764	-104.5197761	-	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).

PDOP = Position Dilution of Precision

ppm = Parts per million

in. = Inches

ft. = Feet

bgs = Below ground surface

Confirmation (Re-Sample)

TABLE 2
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE 100322
UPRC-65N64W 23SESW, WELD COUNTY, COLORADO
REM # 22296

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**		
EAST01@6.0"	6/20/2022	0.5 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
EAST01 6ft	9/10/2025	6.0 Ft	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<500	<0.211	<26.4	<105
WAST01@6.0'	6/20/2022	0.5 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
WAST01 6ft	9/10/2025	6.0 Ft	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<500	<0.213	<26.7	<107
SEP01@6.0"	6/20/2022	0.5 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
SSEP01 6ft	9/10/2025	6.0 Ft	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<500	<0.228	<28.5	<114
NSEP01 6ft	9/10/2025	6.0 Ft	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<500	<0.232	<29.0	<116
EPWVN01@6.0'	6/20/2022	6.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
EPWVN01 6ft	9/10/2025	6.0 Ft	<0.002	<0.002	<0.002	0.012	0.007	0.004	0.004	35.264	0.264	35	<107
WPWVN01@6.0'	6/20/2022	6.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
WPWVN01 6ft	9/10/2025	6.0 Ft	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<500	<0.224	<28.0	<112
EPWVB01@7.0'	6/20/2022	7.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
EPWVB01 7ft	9/10/2025	7.0 Ft	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<500	<0.217	<27.2	<109
WPWVB01@7.0'	6/20/2022	7.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
WPWVB01 7ft	9/10/2025	7.0 Ft	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<500	<0.296	<37.0	<148

- Bold values exceed the ECMC Table 915-1 limit(s)
 - Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)
 - * Indicates laboratory minimum detection limit in excess of SSL
 - ** 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
bgs = Below ground surface
NA - Not analyzed
Confirmation (Re-Sample)

TABLE 3
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
NOBLE 100322
UPRC-65N64W 23SE5W, WELD COUNTY, COLORADO
REM # 22296

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
EAST01@6.0"	6/20/2022	0.5 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
EAST01 6ft	9/10/2025	6.0 Ft	<0.021	<0.021	<0.005	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.002	<0.002
WAST01@6.0'	6/20/2022	0.5 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
WAST01 6ft	9/10/2025	6.0 Ft	<0.021	<0.021	<0.005	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.002	<0.002
SEP01@6.0"	6/20/2022	0.5 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SSEP01 6ft	9/10/2025	6.0 Ft	<0.023	<0.023	<0.006	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.002	<0.002
NSEP01 6ft	9/10/2025	6.0 Ft	<0.023	<0.023	<0.006	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.002	<0.002
EPWVN01@6.0'	6/20/2022	6.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
EPWVN01 6ft	9/10/2025	6.0 Ft	<0.021	<0.021	<0.005	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	0.021	0.045
WPWVN01@6.0'	6/20/2022	6.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
WPWVN01 6ft	9/10/2025	6.0 Ft	<0.022	<0.022	<0.006	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.002	<0.002
EPWVB01@7.0'	6/20/2022	7.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
EPWVB01 7ft	9/10/2025	7.0 Ft	<0.022	<0.022	<0.005	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.002	<0.002
WPWVB01@7.0'	6/20/2022	7.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
WPWVB01 7ft	9/10/2025	7.0 Ft	<0.030	<0.030	<0.007	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.003	<0.003

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. * Indicates laboratory minimum detection limit in excess of SSL
 4. ** 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
bgs = Below ground surface
NA = Not analyzed
- Confirmation (Re-Sample)

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE 100322
UPRC-65N64W 23SESW, WELD COUNTY, COLORADO
REM # 22296

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
EAST01@6.0"	6/20/2022	0.5 Ft	7.51	0.432	0.315	0.0662
EAST01 6ft	9/10/2025	6.0 Ft	7.71	1.32	1.38	0.16
WAST01@6.0"	6/20/2022	0.5 Ft	5.36	0.229	0.0691	0.0411
WAST01@0.5' (2)	01/09/2024	0.5 Ft	8.67	NA	NA	NA
WAST01 6ft	9/10/2025	6.0 Ft	7.94	0.5	0.609	0.166
SEP01@6.0"	6/20/2022	0.5 Ft	7.2	0.0498	0.0979	0.0275
SSEP01 6ft	9/10/2025	6.0 Ft	8.04	0.583	0.855	0.131
NSEP01 6ft	9/10/2025	6.0 Ft	8.06	0.621	1.38	0.217
SB-E 0.5FT	10/29/2024	0.5 Ft	7.45	2.59	3.2	<2.00
SB-W 0.5FT	10/29/2024	0.5 Ft	7.71	2.82	4.23	<2.00
SB-S 0.5FT	10/29/2024	0.5 Ft	7.66	2.44	3.25	<2.00
SB-NW 0.5FT	10/29/2024	0.5 Ft	7.65	3.12	4.02	<2.00
SB-NE 0.5FT	10/29/2024	0.5 Ft	7.75	2.42	3.87	<2.00
EPWVN01@6.0'	6/20/2022	6.0 Ft	8.33	0.152	0.068	0.0503
EPWVN01@6.0' (2)	01/09/2024	6.0 Ft	9.05	NA	NA	NA
EPWVN01 6ft	9/10/2025	6.0 Ft	9.6	1.29	1.18	0.379
WPWVN01@6.0'	6/20/2022	6.0 Ft	8.46	0.168	0.0684	0.0418
WPWVN01@6.0' (2)	01/09/2024	6.0 Ft	8.51	NA	NA	NA
WPWVN01 6ft	9/10/2025	6.0 Ft	8.28	0.945	1.25	0.267
SB-E 6FT	10/29/2024	6.0 Ft	8.06	0.559	0.792	<2.00
SB-W 6FT	10/29/2024	6.0 Ft	8.32	0.298	0.107	<2.00
SB-S 6FT	10/29/2024	6.0 Ft	8.51	0.305	0.289	<2.00
SB-NW 6FT	10/29/2024	6.0 Ft	8.09	0.0973	0.043	<2.00
SB-NE 6FT	10/29/2024	6.0 Ft	8.45	0.218	0.229	<2.00
EPWVB01@7.0'	6/20/2022	7.0 Ft	8.89	0.258	0.312	0.0912
EPWVB01@7.0' (2)	01/09/2024	7.0 Ft	8.77	NA	NA	NA
EPWVB01 7ft	9/10/2025	7.0 Ft	7.7	1.16	0.711	<0.109
WPWVB01@7.0'	6/20/2022	7.0 Ft	8.63	0.197	0.157	0.0467

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE 100322
UPRC-65N64W 23SESW, WELD COUNTY, COLORADO
REM # 22296

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
WPWVB01@7.0' (2)	01/09/2024	7.0 Ft	8.63	NA	NA	NA
WPWVB01 7ft	9/10/2025	7.0 Ft	8.43	0.437	2.95	0.818
SB-E 7FT	10/29/2024	7.0 Ft	8.45	0.357	0.679	<2.00
SB-W 7FT	10/29/2024	7.0 Ft	8.37	0.375	0.774	<2.00
SB-S 7FT	10/29/2024	7.0 Ft	8.49	0.34	0.395	<2.00
SB-NW 7FT	10/29/2024	7.0 Ft	7.89	0.111	0.0482	<2.00
SB-NE 7FT	10/29/2024	7.0 Ft	8.88	0.222	0.931	<2.00
BKG01@6.0"	6/20/2022	0.5 Ft	6.27	0.326	0.11	0.185
BKG-1 0.5 FT	10/29/2024	0.5 Ft	6.92	1.09	0.124	<2.00
BKG-2 0.5FT	10/29/2024	0.5 Ft	7.01	0.301	0.185	<2.00
BKG-3 0.5FT	10/29/2024	0.5 Ft	5.46	0.244	0.36	<2.00
BKG-4 0.5FT	10/29/2024	0.5 Ft	6.98	0.692	0.403	<2.00
BKG-5 0.5FT	10/29/2024	0.5 Ft	8.44	0.447	0.211	<2.00
BKG-1 6FT	10/29/2024	6.0 Ft	8.63	0.187	0.319	<2.00
BKG-2 6FT	10/29/2024	6.0 Ft	8.61	0.14	0.187	<2.00
BKG-3 6FT	10/29/2024	6.0 Ft	9.33	2.89	34.8	4.99
BKG-4 6FT	10/29/2024	6.0 Ft	8.81	0.816	6.94	<2.00
BKG-5 6FT	10/29/2024	6.0 Ft	7.38	0.349	0.554	<2.00
BKG-1 7FT	10/29/2024	7.0 Ft	8.51	0.402	0.524	<2.00
BKG-2 7FT	10/29/2024	7.0 Ft	8.57	0.242	0.276	<2.00
BKG-3 7FT	10/29/2024	7.0 Ft	9.36	3.04	28.5	<2.00
BKG-4 7FT	10/29/2024	7.0 Ft	8.49	1.15	7.44	<2.00
BKG-5 7FT	10/29/2024	7.0 Ft	8.45	7.87	18.4	<2.00
BKG06 0.5ft	09/10/2025	0.5	6.84	0.468	0.389	0.208
BKG06 6ft	09/10/2025	6	8.01	23.6	11.5	6.07
BKG06 7ft	09/10/2025	7	7.93	15.7	9.55	4.28
BKG07 0.5ft	09/10/2025	0.5	5.7	0.23	0.474	<0.100

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE 100322
UPRC-65N64W 23SESW, WELD COUNTY, COLORADO
REM # 22296

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
BKG07 6ft	09/10/2025	6	8.23	0.725	0.642	<0.104
BKG07 7ft	09/10/2025	7	8.3	0.977	0.625	<0.105
BKG08 0.5ft	09/10/2025	0.5	6.48	0.77	0.344	0.17
BKG08 6ft	09/10/2025	6	8.89	22.8	1.87	1.02
BKG08 7ft	09/10/2025	7	8.2	9.81	3.17	0.815
BKG09 0.5ft	09/10/2025	0.5	6.26	0.34	0.679	0.339
BKG09 6ft	09/10/2025	6	8.63	17.3	3.84	1.22
BKG09 7ft	09/10/2025	7	8.98	21.4	2.3	0.838
BKG10 0.5ft	09/10/2025	0.5	7.25	0.154	0.921	1.09
BKG10 6ft	09/10/2025	6	8.19	0.482	0.351	0.127
BKG10 7ft	09/10/2025	7	8.31	0.573	0.3	<0.103
Maximum Background Concentration (Alkaline pH)			9.36	23.6	34.8	6.07
Maximum Background Concentration (Acidic pH)			5.46	NA	NA	NA

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.

4. Confirmation (Re-Sample)

NA - Not analyzed/Not applicable

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE 100322
UPRC-65N64W 23SESW, WELD COUNTY, COLORADO
REM # 22296

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
EAST01@6.0"	6/20/2022	0.5 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EAST01 6ft	9/10/2025	6.0 Ft	2.36	69.9	<0.282	NA	<34.2	<10.4	<19.3	<0.183	<0.594	<275
WAST01@6.0"	6/20/2022	0.5 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WAST01@0.5' (2)	01/09/2024	0.5 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WAST01 6ft	9/10/2025	6.0 Ft	2.36	74.4	<0.262	NA	<31.7	<9.65	<17.9	<0.169	<0.551	<255
SEP01@6.0"	6/20/2022	0.5 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SSEP01 6ft	9/10/2025	6.0 Ft	4.27	109	<0.297	NA	<36.0	<10.9	<20.3	<0.192	<0.626	<289
NSEP01 6ft	9/10/2025	6.0 Ft	7.47	152	<0.311	NA	<37.6	13.2	<21.3	<0.201	<0.654	<302
SB-E 0.5FT	10/29/2024	5.0 Ft	1.98	52	<0.200	<0.30	6.06	5.48	3.17	<0.260	0.0223	25.2
SB-W 0.5FT	10/29/2024	5.0 Ft	4.27	76.7	0.259	<0.30	8.32	6.44	3.45	<0.260	0.0216	34.6
SB-S 0.5FT	10/29/2024	5.0 Ft	2.65	62.3	0.227	<0.30	9.29	6.92	3.66	<0.260	0.025	38.7
SB-NW 0.5FT	10/29/2024	5.0 Ft	2.19	56.5	<0.200	<0.30	8.3	5.79	3.4	<0.260	0.022	34.1
SB-NE 0.5FT	10/29/2024	5.0 Ft	2.09	54.5	<0.200	<0.30	8.09	5.72	3.28	<0.260	0.0211	33.7
EPWVN01@6.0'	6/20/2022	6.0 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EPWVN01@6.0' (2)	01/09/2024	6.0 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EPWVN01 6ft	9/10/2025	6.0 Ft	2.1	88.7	<0.281	NA	<34.0	<10.4	<19.2	<0.182	<0.592	<274
WPWVN01@6.0'	6/20/2022	6.0 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WPWVN01@6.0' (2)	01/09/2024	6.0 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WPWVN01 6ft	9/10/2025	6.0 Ft	2.23	66.6	<0.300	NA	<36.3	<11.0	<20.5	<0.194	<0.631	<292
SB-E 6FT	10/29/2024	6.0 Ft	2.2	67.5	0.262	<0.30	7.71	8.53	3.94	<0.260	0.0469	39.4
SB-W 6FT	10/29/2024	6.0 Ft	3.01	93.7	0.257	<0.30	6.84	7.08	3.67	<0.260	0.0465	35.9
SB-S 6FT	10/29/2024	6.0 Ft	3.1	102	0.24	<0.30	5.74	6.05	3.66	<0.260	0.0454	33
SB-NW 6FT	10/29/2024	6.0 Ft	1.21	42.6	<0.200	<0.30	3.29	4.06	2.38	<0.260	<0.0200	18.8
SB-NE 6FT	10/29/2024	6.0 Ft	1.44	43.2	<0.200	<0.30	4.3	7.46	2.79	<0.260	0.0278	32.8
EPWVB01@7.0'	6/20/2022	7.0 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EPWVB01@7.0' (2)	01/09/2024	7.0 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EPWVB01 7ft	9/10/2025	7.0 Ft	2.35	75.2	<0.281	NA	<34.0	<10.4	<19.2	<0.182	<0.592	<274
WPWVB01@7.0'	6/20/2022	7.0 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WPWVB01@7.0' (2)	01/09/2024	7.0 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WPWVB01 7ft	9/10/2025	7.0 Ft	3.79	190	<0.374	NA	<45.3	15.6	<25.6	<0.242	<0.788	<364
SB-E 7FT	10/29/2024	7.0 Ft	1.66	57.4	<0.200	<0.30	4.8	4.97	3.23	<0.260	0.0295	23
SB-W 7FT	10/29/2024	7.0 Ft	1.16	52.1	<0.200	<0.30	3.45	5.63	3.27	<0.260	0.03	24.7
SB-S 7FT	10/29/2024	7.0 Ft	2.3	95.1	0.268	<0.30	7.15	6.71	3.99	<0.260	0.0495	35
SB-NW 7FT	10/29/2024	7.0 Ft	1	39	<0.200	<0.30	2.87	3.42	2.14	<0.260	<0.0200	15.1
SB-NE 7FT	10/29/2024	7.0 Ft	4.66	70.1	0.584	<0.30	14.6	16.2	2.95	<0.260	0.093	64.7

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE 100322
UPRC-65N64W 23SESW, WELD COUNTY, COLORADO
REM # 22296

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
BKG-1 0.5 FT	10/29/2024	0.5 Ft	1.11	116	<0.200	<0.30	3.34	6.8	2.31	<0.260	<0.0200	15.9
BKG-2 0.5FT	10/29/2024	0.5 Ft	0.959	30.6	<0.200	<0.30	2.77	4.51	2.37	<0.260	<0.0200	12.7
BKG-3 0.5FT	10/29/2024	0.5 Ft	0.996	26.4	<0.200	<0.30	2.75	5.41	1.96	<0.260	0.0203	13.4
BKG-4 0.5FT	10/29/2024	0.5 Ft	1.11	41.5	0.216	<0.30	4.14	7.95	2.55	<0.260	0.0208	21.5
BKG-5 0.5FT	10/29/2024	0.5 Ft	1.41	51.2	<0.200	<0.30	3.58	5.92	2.94	<0.260	0.0248	17.2
BKG-1 6FT	10/29/2024	6.0 Ft	0.98	52.3	<0.200	<0.30	2.1	4.55	2.41	<0.260	<0.0200	15.7
BKG-2 6FT	10/29/2024	6.0 Ft	1.3	50.4	<0.200	<0.30	3.23	5.16	2.93	<0.260	0.03	17.4
BKG-3 6FT	10/29/2024	6.0 Ft	0.747	38.4	<0.200	<0.30	2.73	5.82	3.23	<0.260	0.0281	14.4
BKG-4 6FT	10/29/2024	6.0 Ft	2.18	46	<0.200	<0.30	3.98	7.32	4.01	<0.260	0.0439	18.8
BKG-5 6FT	10/29/2024	6.0 Ft	1.55	54.5	<0.200	<0.30	3.31	5.26	2.82	<0.260	0.0322	17.4
BKG-1 7FT	10/29/2024	7.0 Ft	1.38	74.9	<0.200	<0.30	3.29	5.39	3.82	<0.260	0.0353	14.7
BKG-2 7FT	10/29/2024	7.0 Ft	2.92	78.4	0.206	<0.30	2.89	5.47	3.08	<0.260	0.028	19.2
BKG-3 7FT	10/29/2024	7.0 Ft	1.39	60.6	<0.200	<0.30	3.47	5.53	3.67	<0.260	0.0225	15.5
BKG-4 7FT	10/29/2024	7.0 Ft	3.54	89.4	0.236	<0.30	4.31	7.71	4.14	<0.260	0.0466	18.6
BKG-5 7FT	10/29/2024	7.0 Ft	7.56	229	0.343	<0.30	7.4	8.61	5.75	<0.260	0.0527	19.5
BKG06 0.5ft	09/10/2025	0.5	1.48	<53.1	<0.246	<0.162	<29.8	<9.07	<16.8	<0.159	<0.518	<240
BKG06 6ft	09/10/2025	6	3.95	267	<0.314	<0.211	<38.0	<11.6	<21.5	0.215	<0.661	<306
BKG06 7ft	09/10/2025	7	3.54	127	<0.289	<0.187	<35.0	<10.7	<19.8	0.292	<0.609	<282
BKG07 0.5ft	09/10/2025	0.5	1.75	<54.5	<0.252	<0.167	<30.6	<9.30	<17.3	<0.163	<0.531	<246
BKG07 6ft	09/10/2025	6	2.7	<56.4	<0.261	<0.167	<31.6	<9.63	<17.9	<0.169	<0.550	<254
BKG07 7ft	09/10/2025	7	3.51	66.8	<0.256	<0.170	<31.0	<9.44	<17.5	<0.166	<0.539	<249
BKG08 0.5ft	09/10/2025	0.5	2.13	<58.8	<0.272	<0.165	<33.0	<10.0	<18.6	<0.176	<0.574	<265
BKG08 6ft	09/10/2025	6	4.48	<57.7	<0.267	<0.166	<32.4	<9.85	<18.3	0.21	<0.563	<260
BKG08 7ft	09/10/2025	7	2.74	<55.1	<0.255	0.284	<30.9	<9.41	<17.5	<0.165	<0.538	<249
BKG09 0.5ft	09/10/2025	0.5	1.42	<61.5	<0.285	0.216	<34.5	<10.5	<19.5	<0.184	<0.600	<277
BKG09 6ft	09/10/2025	6	5.68	<54.8	<0.254	0.207	<30.7	<9.36	<17.4	0.25	<0.535	<247
BKG09 7ft	09/10/2025	7	3.32	<56.3	<0.261	0.181	<31.6	<9.61	<17.8	<0.169	<0.549	<254

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE 100322
UPRC-65N64W 23SESW, WELD COUNTY, COLORADO
REM # 22296

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
BKG10 0.5ft	09/10/2025	0.5	1.68	83.9	<0.288	0.209	<34.9	<10.6	<19.7	<0.187	<0.607	<281
BKG10 6ft	09/10/2025	6	3.07	103	<0.268	0.190	<32.4	<9.86	<18.3	<0.173	<0.563	<261
BKG10 7ft	09/10/2025	7	3.1	106	<0.275	0.180	<33.2	<10.1	<18.8	<0.178	<0.578	<267
1.25x Maximum Background Concentration			9.45	333.75	0.42875	0.355	9.25	10.7625	7.1875	0.365	0.065875	26.875

- 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.

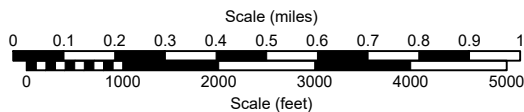
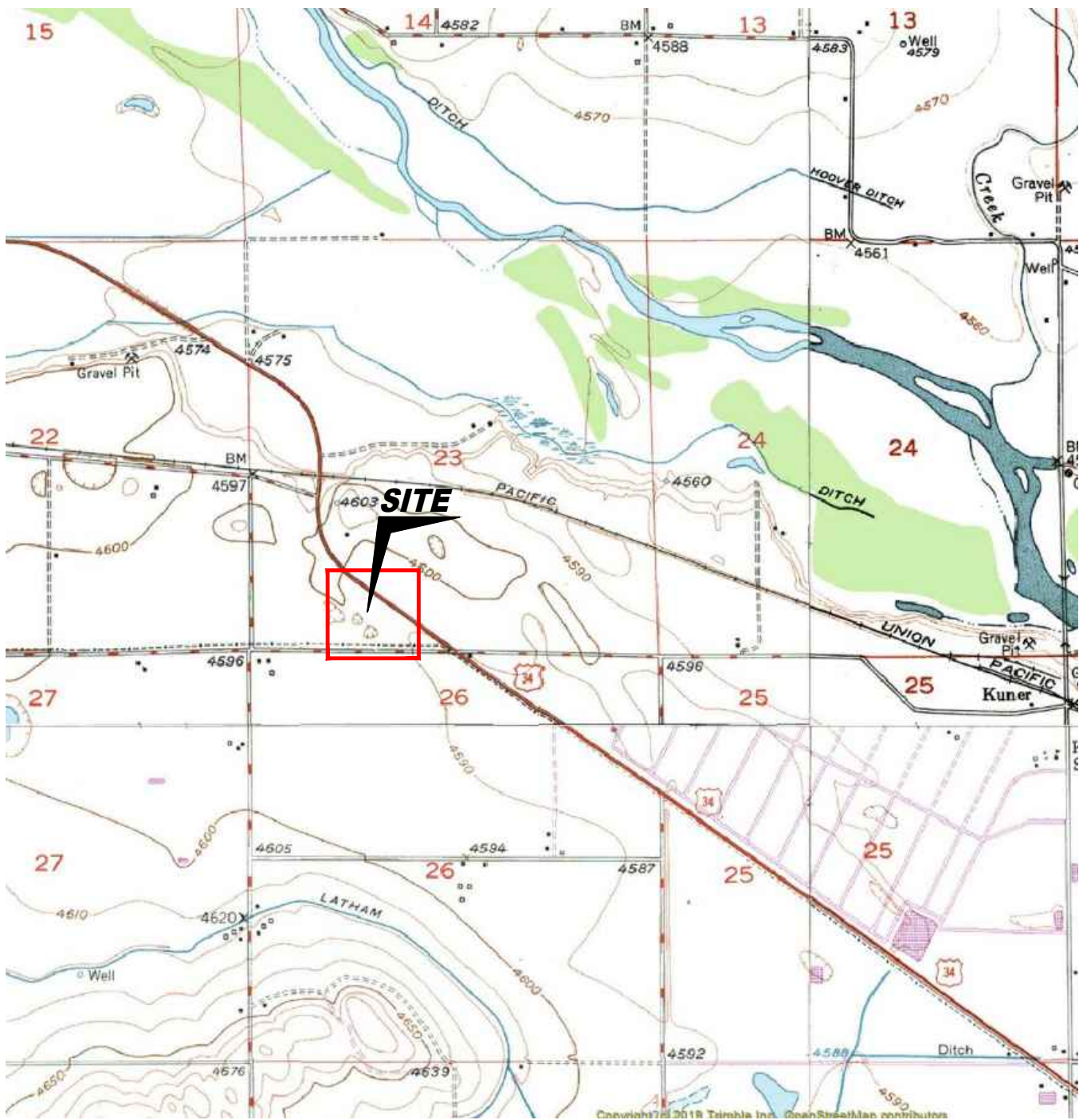
mg/kg = Milligrams per kilogram

ft. = Feet

bgs = Below ground surface

* Indicates laboratory minimum detection limit in excess of SSL

NA - Not analyzed/Not applicable



USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
SITE LOCATION MAP

NOBLE ENERGY, INC. ~ UPRC-65N64W 23SESW
 SESW Sec. 23, T5N, R64W, 6th PM
 Weld County, Colorado
 40.378094°, -104.519704°

Project # C022-075	API #	Facility ID 336600
Date 12/5/25	Remediation # 22296	Filename 22075T



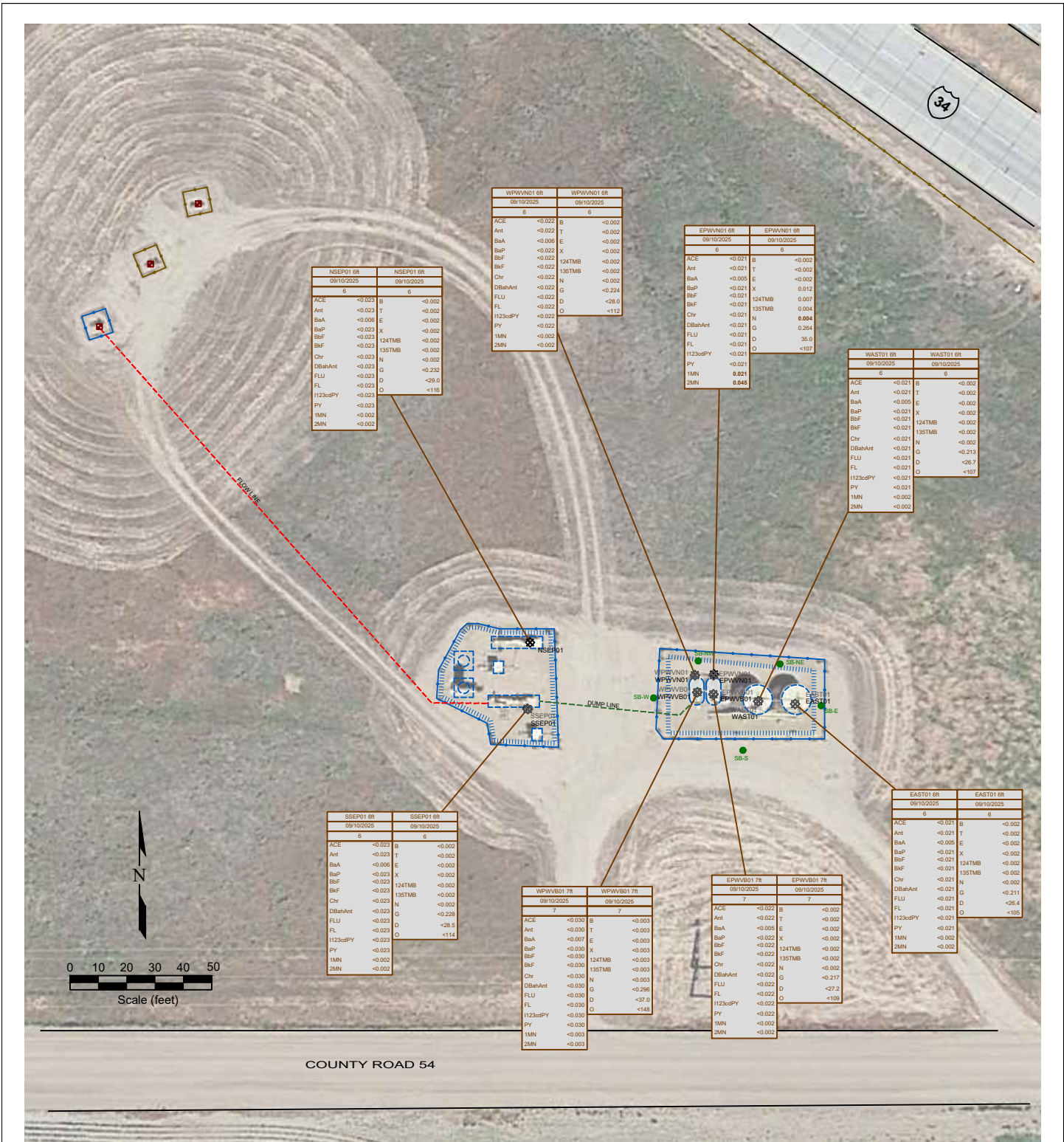


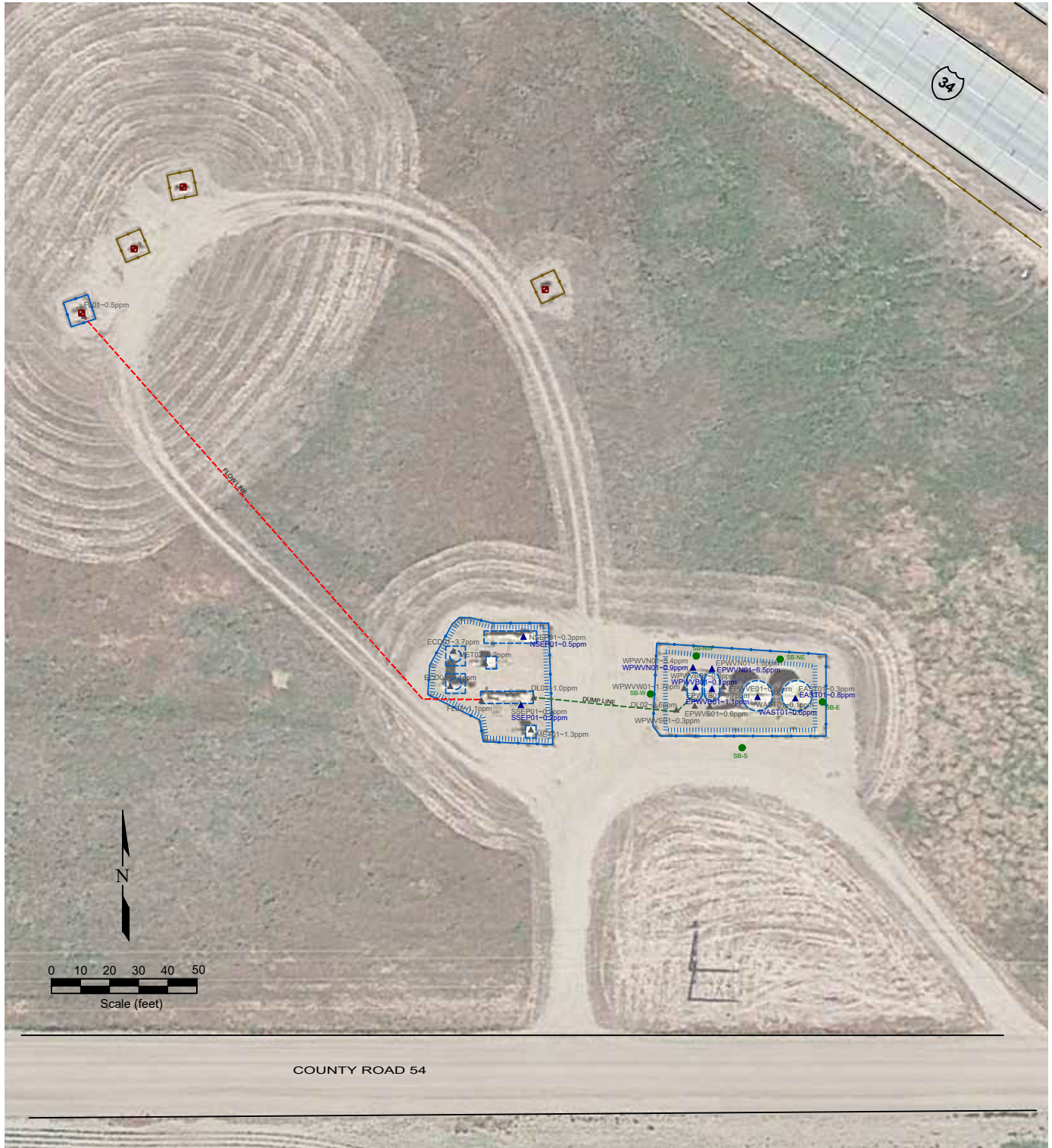
Figure 3
ORGANIC SOIL CHEMISTRY MAP
NOBLE ENERGY, INC. ~ UPRC-65N64W 23SESW
SESW Sec. 23, T5N, R64W, 6th PM
Weld County, Colorado
40.378094°, -104.519704°

Project No. C022-075	API #	Facility # 336600
Date 12/5/2025	Remediation # 22296	Filename 22075Q1

LEGEND

- Wellhead Location
- Soil Boring Location
- Soil Sample Location
- Resample Soil Sample Location
- Above Ground Storage Tank
- Former Facility
- Containment Berm
- Fence Line
- Flow Line
- Dump Line

SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
DATE	DATE	DATE	DATE
DEPTH	DEPTH	DEPTH	DEPTH
ACE	ACENAPHTHENE (mg/kg)	B	BENZENE (mg/kg)
Ant	ANTHRACENE (mg/kg)	T	TOLUENE (mg/kg)
BaA	BENZO (A)ANTHRACENE (mg/kg)	E	ETHYLBENZENE (mg/kg)
BaP	BENZO (A) PYRENE (mg/kg)	X	TOTAL XYLENES (mg/kg)
BbF	BENZO (B) FLUORANTHENE (mg/kg)	124TMB	1,2,4-TRIMETHYLBENZENE (mg/kg)
BkF	BENZO (K) FLUORANTHENE (mg/kg)	135TMB	1,3,5-TRIMETHYLBENZENE (mg/kg)
Chr	CHRYSENE (mg/kg)	N	NAPHTHALENE (mg/kg)
DBaHant	DIBENZ (A,H) ANTHRACENE (mg/kg)	G	TPH-GRO (mg/kg)
FLU	FLUORANTHENE (mg/kg)	D	TPH-ORO (mg/kg)
FL	FLUORENE (mg/kg)	O	TPH-ORO (mg/kg)
H123cdPY	INDENO (1,2,3-CD) PYRENE (mg/kg)		
PY	PYRENE (mg/kg)		
1MN	1-METHYLNAPHTHALENE (mg/kg)		
2MN	2-METHYLNAPHTHALENE (mg/kg)		



LEGEND

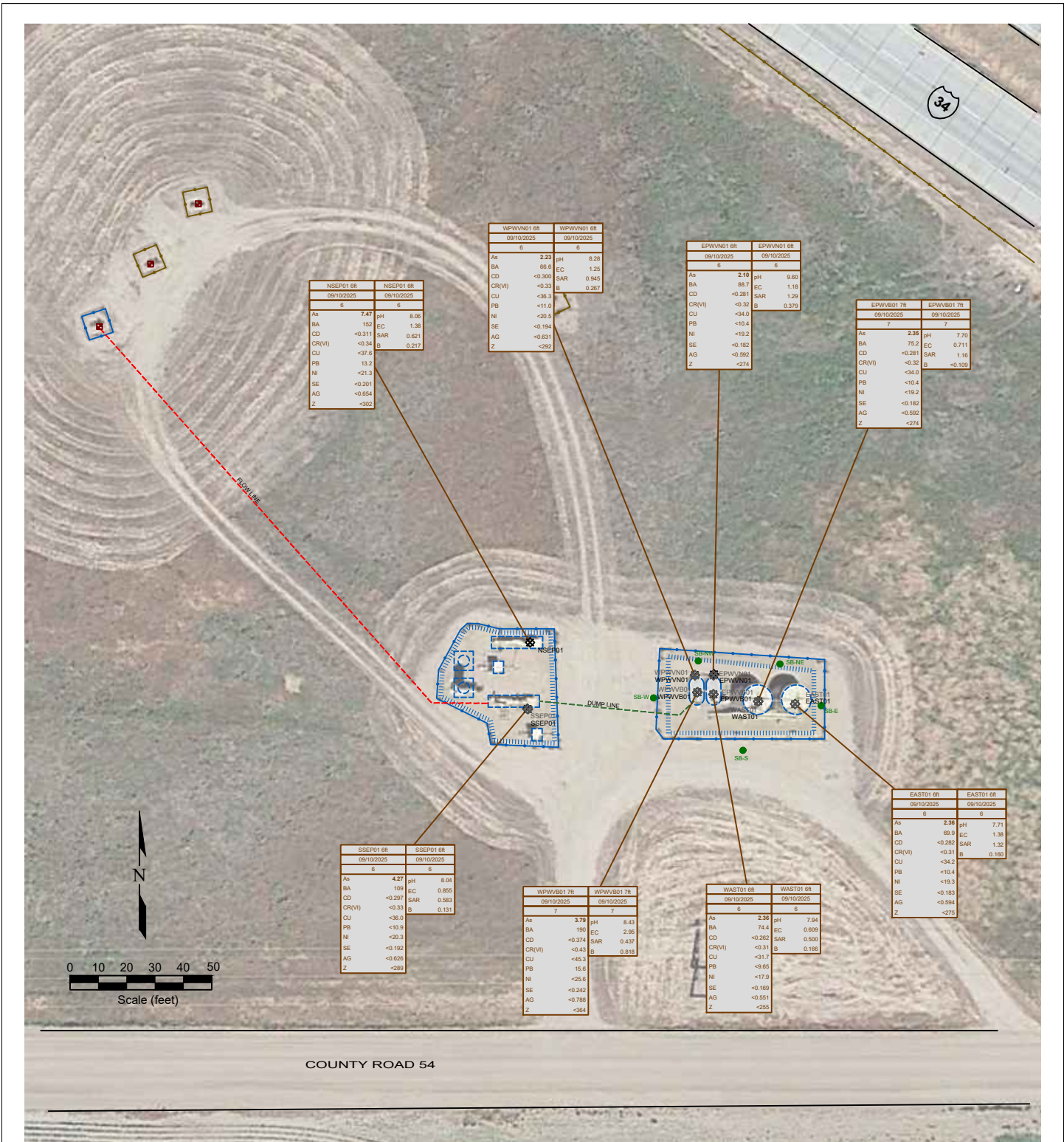
- WELLHEAD LOCATION
- SOIL BORING LOCATION
- PID READING LOCATION
- RESAMPLE PID READING LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FACILITY
- CONTAINMENT BERM
- FENCE LINE
- FLOW LINE
- DUMP LINE

**Figure 2
SITE MAP**

NOBLE ENERGY, INC. ~ UPRC-65N64W 23SESW
 SESW Sec. 23, T5N, R64W, 6th PM
 Weld County, Colorado
 40.378094°, -104.519704°

Project No. C022-075	API #	Facility # 336600
Date 12/5/2025	Remediation # 22296	Filename 22075Q1





NSEP01 6R		NSEP01 6R	
09/10/2025		09/10/2025	
6		6	
As	7.47	pH	8.06
BA	152	EC	1.38
CD	<-0.311	SAR	0.621
CR(VI)	<-0.31	B	9.217
CU	<-37.6		
PB	13.2		
NI	<-21.3		
SE	<-0.201		
AG	<-0.664		
Z	<-300		

WPVW01 6R		WPVW01 6R	
09/10/2025		09/10/2025	
6		6	
As	2.23	pH	8.28
BA	66.6	EC	1.25
CD	<-0.300	SAR	0.945
CR(VI)	<-0.33	B	0.267
CU	<-38.3		
PB	<-11.0		
NI	<-20.5		
SE	<-0.194		
AG	<-0.631		
Z	<-292		

EPWV01 6R		EPWV01 6R	
09/10/2025		09/10/2025	
6		6	
As	2.19	pH	9.60
BA	88.7	EC	1.18
CD	<-0.281	SAR	1.26
CR(VI)	<-0.32	B	0.379
CU	<-34.0		
PB	<-10.4		
NI	<-19.2		
SE	<-0.162		
AG	<-0.590		
Z	<-274		

EPVW01 7R		EPVW01 7R	
09/10/2025		09/10/2025	
7		7	
As	2.33	pH	7.70
BA	75.2	EC	0.711
CD	<-0.281	SAR	1.16
CR(VI)	<-0.32	B	<-0.109
CU	<-34.0		
PB	<-10.4		
NI	<-19.2		
SE	<-0.162		
AG	<-0.592		
Z	<-274		

SSEP01 6R		SSEP01 6R	
09/10/2025		09/10/2025	
6		6	
As	4.97	pH	8.04
BA	109	EC	0.855
CD	<-0.297	SAR	0.553
CR(VI)	<-0.33	B	0.131
CU	<-36.0		
PB	<-10.3		
NI	<-20.3		
SE	<-0.192		
AG	<-0.626		
Z	<-289		

WPVW01 7R		WPVW01 7R	
09/10/2025		09/10/2025	
7		7	
As	3.79	pH	8.43
BA	190	EC	2.95
CD	<-0.374	SAR	0.437
CR(VI)	<-0.43	B	0.818
CU	<-45.3		
PB	15.6		
NI	<-25.6		
SE	<-0.242		
AG	<-0.788		
Z	<-354		

WAST01 6R		WAST01 6R	
09/10/2025		09/10/2025	
6		6	
As	2.36	pH	7.94
BA	74.4	EC	0.609
CD	<-0.262	SAR	0.500
CR(VI)	<-0.31	B	0.165
CU	<-31.7		
PB	<-9.85		
NI	<-17.9		
SE	<-0.169		
AG	<-0.551		
Z	<-255		

EAST01 6R		EAST01 6R	
09/10/2025		09/10/2025	
6		6	
As	2.36	pH	7.71
BA	69.9	EC	1.38
CD	<-0.262	SAR	1.32
CR(VI)	<-0.31	B	0.160
CU	<-34.2		
PB	<-10.4		
NI	<-19.3		
SE	<-0.183		
AG	<-0.694		
Z	<-275		

LEGEND

- WELLHEAD LOCATION
- SOIL BORING LOCATION
- SOIL SAMPLE LOCATION
- ⊗ RESAMPLE SOIL SAMPLE LOCATION
- ABOVE GROUND STORAGE TANK
- FORMER FORMER FACILITY
- CONTAINMENT BERM
- FENCE LINE
- FLOW LINE
- DUMP LINE

SAMPLE	SAMPLE ID	SAMPLE	SAMPLE ID
DATE	DATE SAMPLED	DATE	DATE SAMPLED
DEPTH	DEPTH (ft)	DEPTH	DEPTH (ft)
Pb	<-0.01	ARSENIC (mg/kg)	pH
BA	<-0.01	BARIUM (mg/kg)	EC
CD	<-0.01	CADMIUM (mg/kg)	EC (mmhos/cm)
CR(VI)	<-0.01	CHROMIUM (mg/kg)	SAR
CU	<-0.01	COPPER (mg/kg)	B
PB	<-0.01	LEAD (mg/kg)	
NI	<-0.01	NICKEL (mg/kg)	
SE	<-0.01	SELENIUM (mg/kg)	
AG	<-0.01	SILVER (mg/kg)	
Z	<-0.01	ZINC (mg/kg)	

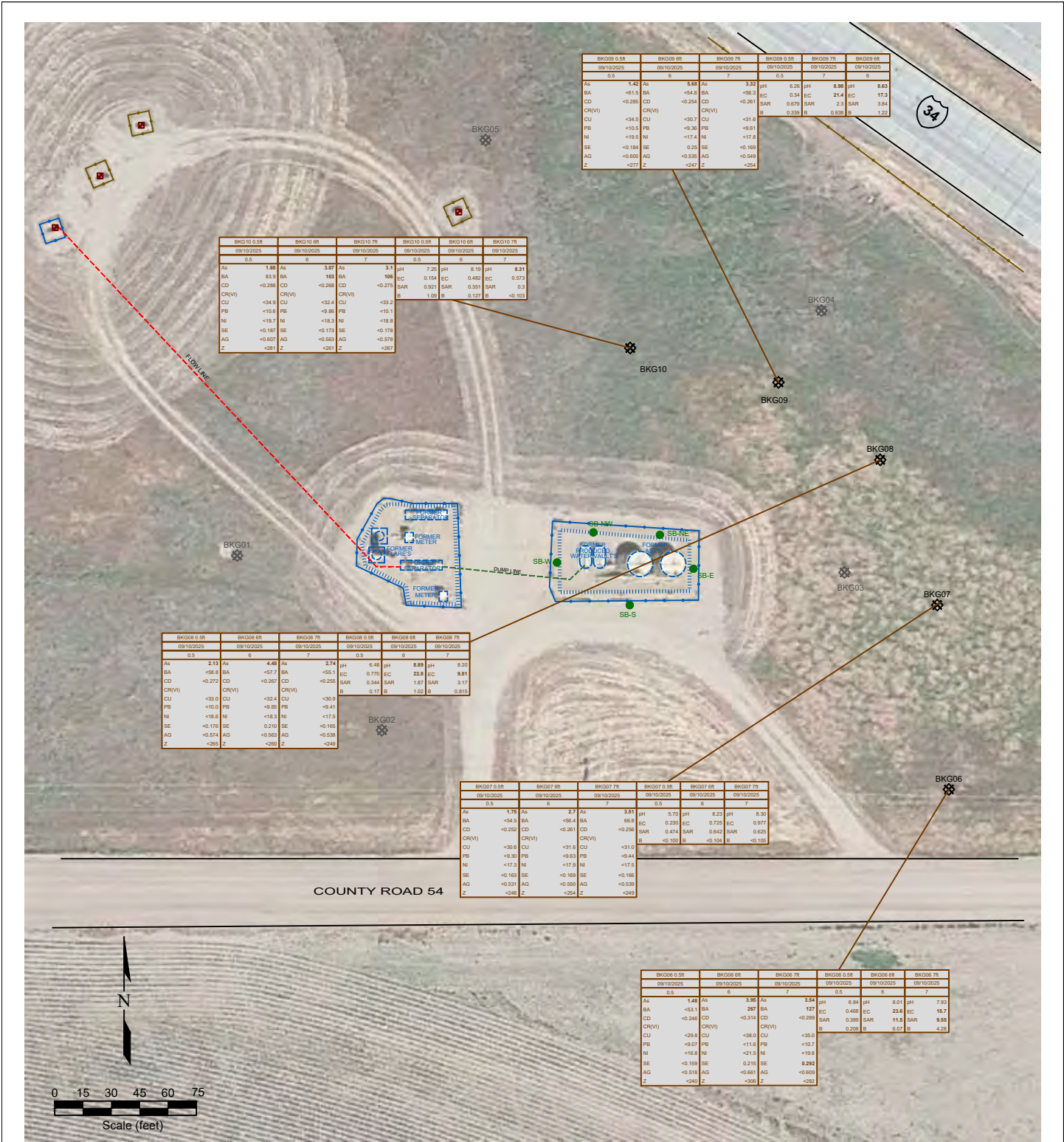
Figure 4

METALS AND INORGANIC SOIL CHEMISTRY MAP

NOBLE ENERGY, INC. ~ UPRC-65N64W 23SESW
 SESW Sec. 23, T5N, R64W, 6th PM
 Weld County, Colorado
 40.378094°, -104.519704°

Project No. C022-075	API #	Facility # 336600
Date 12/5/2025	Remediation # 22296	Filename 22075Q1





BKG09 0.5R			BKG09 6R			BKG09 7R			BKG09 0.5R			BKG09 6R			BKG09 6R		
09/10/2025			09/10/2025			09/10/2025			09/10/2025			09/10/2025			09/10/2025		
0.5	6	7	0.5	6	7	0.5	6	7	0.5	6	7	0.5	6	7	0.5	6	7
As	1.42	As	6.68	As	3.22	pH	6.26	pH	8.98	pH	8.93	As	1.42	As	6.68	As	3.22
BA	<61.5	BA	<54.8	BA	<56.3	EC	0.34	EC	214	EC	17.2	BA	<61.5	BA	<54.8	BA	<56.3
CD	<0.285	CD	<0.254	CD	<0.261	SAR	0.879	SAR	2.3	SAR	3.84	CD	<0.285	CD	<0.254	CD	<0.261
CR(VI)		CR(VI)		CR(VI)		B	0.339	B	0.931	B	1.22	CR(VI)		CR(VI)		CR(VI)	
CU	<34.5	CU	<30.7	CU	<31.6							CU	<34.5	CU	<30.7	CU	<31.6
PB	<10.5	PB	<9.36	PB	<9.61							PB	<10.5	PB	<9.36	PB	<9.61
NI	<19.5	NI	<17.4	NI	<17.8							NI	<19.5	NI	<17.4	NI	<17.8
SE	<0.184	SE	0.29	SE	<0.169							SE	<0.184	SE	0.29	SE	<0.169
AG	<0.003	AG	<0.038	AG	<0.048							AG	<0.003	AG	<0.038	AG	<0.048
Z	<0.77	Z	<0.47	Z	<0.254							Z	<0.77	Z	<0.47	Z	<0.254

BKG10 0.5R			BKG10 6R			BKG10 7R			BKG10 0.5R			BKG10 6R			BKG10 7R		
09/10/2025			09/10/2025			09/10/2025			09/10/2025			09/10/2025			09/10/2025		
0.5	6	7	0.5	6	7	0.5	6	7	0.5	6	7	0.5	6	7	0.5	6	7
As	1.48	As	3.67	As	3.1	pH	7.25	pH	8.19	pH	8.31	As	1.48	As	3.67	As	3.1
BA	83.9	BA	189	BA	108	EC	0.154	EC	0.482	EC	0.573	BA	83.9	BA	189	BA	108
CD	<0.288	CD	<0.298	CD	<0.279	SAR	0.921	SAR	0.391	SAR	0.3	CD	<0.288	CD	<0.298	CD	<0.279
CR(VI)		CR(VI)		CR(VI)		B	1.09	B	0.127	B	<0.103	CR(VI)		CR(VI)		CR(VI)	
CU	<34.8	CU	<32.4	CU	<33.2							CU	<34.8	CU	<32.4	CU	<33.2
PB	<10.8	PB	<9.86	PB	<10.1							PB	<10.8	PB	<9.86	PB	<10.1
NI	<19.1	NI	<18.3	NI	<18.3							NI	<19.1	NI	<18.3	NI	<18.3
SE	<0.187	SE	<0.173	SE	<0.178							SE	<0.187	SE	<0.173	SE	<0.178
AG	<0.607	AG	<0.563	AG	<0.578							AG	<0.607	AG	<0.563	AG	<0.578
Z	<281	Z	<281	Z	<287							Z	<281	Z	<281	Z	<287

BKG08 0.5R			BKG08 6R			BKG08 7R			BKG08 0.5R			BKG08 6R			BKG08 7R		
09/10/2025			09/10/2025			09/10/2025			09/10/2025			09/10/2025			09/10/2025		
0.5	6	7	0.5	6	7	0.5	6	7	0.5	6	7	0.5	6	7	0.5	6	7
As	2.12	As	4.48	As	2.34	pH	6.48	pH	8.89	pH	8.20	As	2.12	As	4.48	As	2.34
BA	<68.3	BA	<67.7	BA	<65.1	EC	0.770	EC	22.8	EC	8.81	BA	<68.3	BA	<67.7	BA	<65.1
CD	<0.272	CD	<0.267	CD	<0.258	SAR	0.344	SAR	1.87	SAR	3.17	CD	<0.272	CD	<0.267	CD	<0.258
CR(VI)		CR(VI)		CR(VI)		B	0.17	B	1.02	B	0.815	CR(VI)		CR(VI)		CR(VI)	
CU	<33.0	CU	<32.4	CU	<30.9							CU	<33.0	CU	<32.4	CU	<30.9
PB	<10.0	PB	<9.85	PB	<9.41							PB	<10.0	PB	<9.85	PB	<9.41
NI	<18.6	NI	<18.3	NI	<17.5							NI	<18.6	NI	<18.3	NI	<17.5
SE	<0.178	SE	0.210	SE	<0.165							SE	<0.178	SE	0.210	SE	<0.165
AG	<0.574	AG	<0.580	AG	<0.538							AG	<0.574	AG	<0.580	AG	<0.538
Z	<281	Z	<280	Z	<248							Z	<281	Z	<280	Z	<248

BKG07 0.5R			BKG07 6R			BKG07 7R			BKG07 0.5R			BKG07 6R			BKG07 7R		
09/10/2025			09/10/2025			09/10/2025			09/10/2025			09/10/2025			09/10/2025		
0.5	6	7	0.5	6	7	0.5	6	7	0.5	6	7	0.5	6	7	0.5	6	7
As	1.76	As	2.7	As	3.51	pH	6.70	pH	8.23	pH	8.30	As	1.76	As	2.7	As	3.51
BA	<54.5	BA	<56.4	BA	66.8	EC	0.230	EC	0.728	EC	0.977	BA	<54.5	BA	<56.4	BA	66.8
CD	<0.252	CD	<0.261	CD	<0.259	SAR	0.474	SAR	0.642	SAR	0.625	CD	<0.252	CD	<0.261	CD	<0.259
CR(VI)		CR(VI)		CR(VI)		B	<0.100	B	<0.104	B	<0.105	CR(VI)		CR(VI)		CR(VI)	
CU	<30.6	CU	<31.6	CU	<31.0							CU	<30.6	CU	<31.6	CU	<31.0
PB	<9.30	PB	<9.63	PB	<9.44							PB	<9.30	PB	<9.63	PB	<9.44
NI	<17.3	NI	<17.3	NI	<17.5							NI	<17.3	NI	<17.3	NI	<17.5
SE	<0.163	SE	<0.168	SE	<0.166							SE	<0.163	SE	<0.168	SE	<0.166
AG	<0.531	AG	<0.550	AG	<0.538							AG	<0.531	AG	<0.550	AG	<0.538
Z	<246	Z	<254	Z	<249							Z	<246	Z	<254	Z	<249

BKG06 0.5R			BKG06 6R			BKG06 7R			BKG06 0.5R			BKG06 6R			BKG06 7R		
09/10/2025			09/10/2025			09/10/2025			09/10/2025			09/10/2025			09/10/2025		
0.5	6	7	0.5	6	7	0.5	6	7	0.5	6	7	0.5	6	7	0.5	6	7
As	1.48	As	3.95	As	3.54	pH	6.64	pH	8.01	pH	7.93	As	1.48	As	3.95	As	3.54
BA	<53.1	BA	287	BA	127	EC	0.468	EC	23.8	EC	15.7	BA	<53.1	BA	287	BA	127
CD	<0.240	CD	<0.314	CD	<0.289	SAR	0.389	SAR	11.6	SAR	9.56	CD	<0.240	CD	<0.314	CD	<0.289
CR(VI)		CR(VI)		CR(VI)		B	0.200	B	6.01	B	4.25	CR(VI)		CR(VI)		CR(VI)	
CU	<29.8	CU	<38.0	CU	<38.0							CU	<29.8	CU	<38.0	CU	<38.0
PB	<9.07	PB	<11.6	PB	<10.7							PB	<9.07	PB	<11.6	PB	<10.7
NI	<16.8	NI	<21.5	NI	<19.8							NI	<16.8	NI	<21.5	NI	<19.8
SE	<0.109	SE	0.215	SE	0.282							SE	<0.109	SE	0.215	SE	0.282
AG	<0.518	AG	<0.661	AG	<0.609							AG	<0.518	AG	<0.661	AG	<0.609
Z	<240	Z	<306	Z	<282							Z	<240	Z	<306	Z	<282

LEGEND

- Wellhead Location (Red square)
- Soil Boring Location (Green circle)
- Decommissioning Soil Sample Location (Green star)
- Resample Soil Sample Location (Black star)
- Above Ground Storage Tank (Red circle)
- Former Facility (Blue dashed box)
- Containment Berm (Dashed line)
- Fence Line (Dotted line)
- Flow Line (Red dashed line)
- Dump Line (Green dashed line)

SAMPLE	SAMPLE ID	DATE SAMPLED	DEPTH (ft)	AS	BA	CD	CR(VI)	CU	PB	NI	SE	AG	Z
As													
BA													
CD													
CR(VI)													
CU													
PB													
NI													
SE													
AG													
Z													

Figure 5
BACKGROUND SAMPLE SOIL CHEMISTRY MAP

NOBLE ENERGY, INC. ~ UPRC-65N64W 23SESW
 SESW Sec. 23, T5N, R64W, 6th PM
 Weld County, Colorado
 40.378094°, -104.519704°

Project No. C022-075	API #	Facility # 336600
Date 12/5/2025	Remediation # 22296	Filename 22075Q1BKG

Photo Log



Description:

SSEP01 location facing E

Photo Log



Description:

NSEP01 location facing E



Description:

WPWVB01 location facing E

Photo Log



Description:

WPWVN01 location

Photo Log



Description:

EPWVN01 location facing E

Photo Log



Description:

EPWVB01 location facing E

Photo Log



Description:

WAST01 location facing E



Description:

EAST01 location facing East