

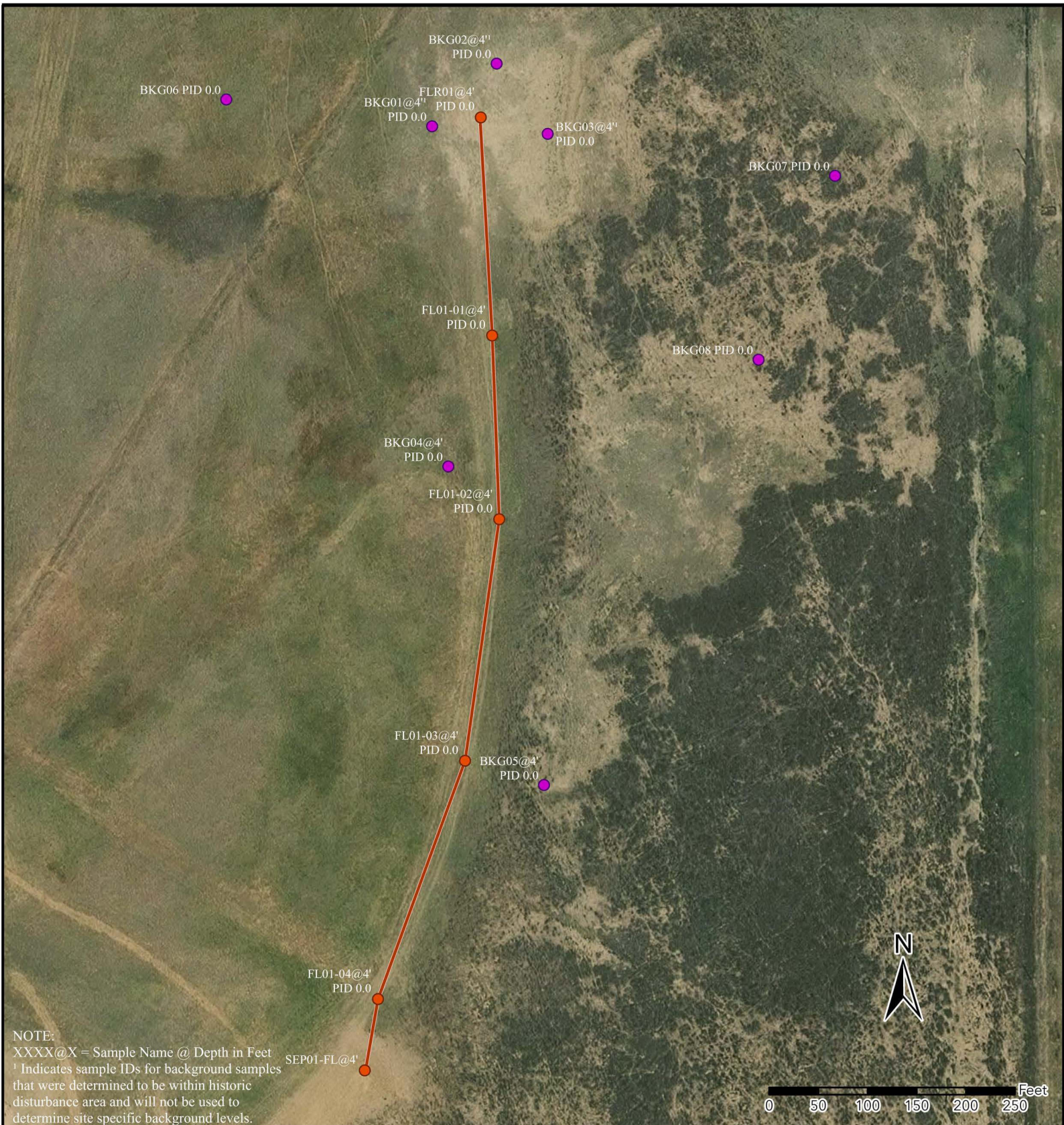
USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
SITE LOCATION MAP
LUCCI-BC B 01-09 ~ NOBLE ENERGY INC

NESE Sec. 1, T5N, R65W, 6th PM
 Weld County, Colorado
 40.42685°,- 104.49078°

Project # C023-269	API # 123-14284	Facility #
Date 4/8/26	Remediation # 30886	Filename 23269TT



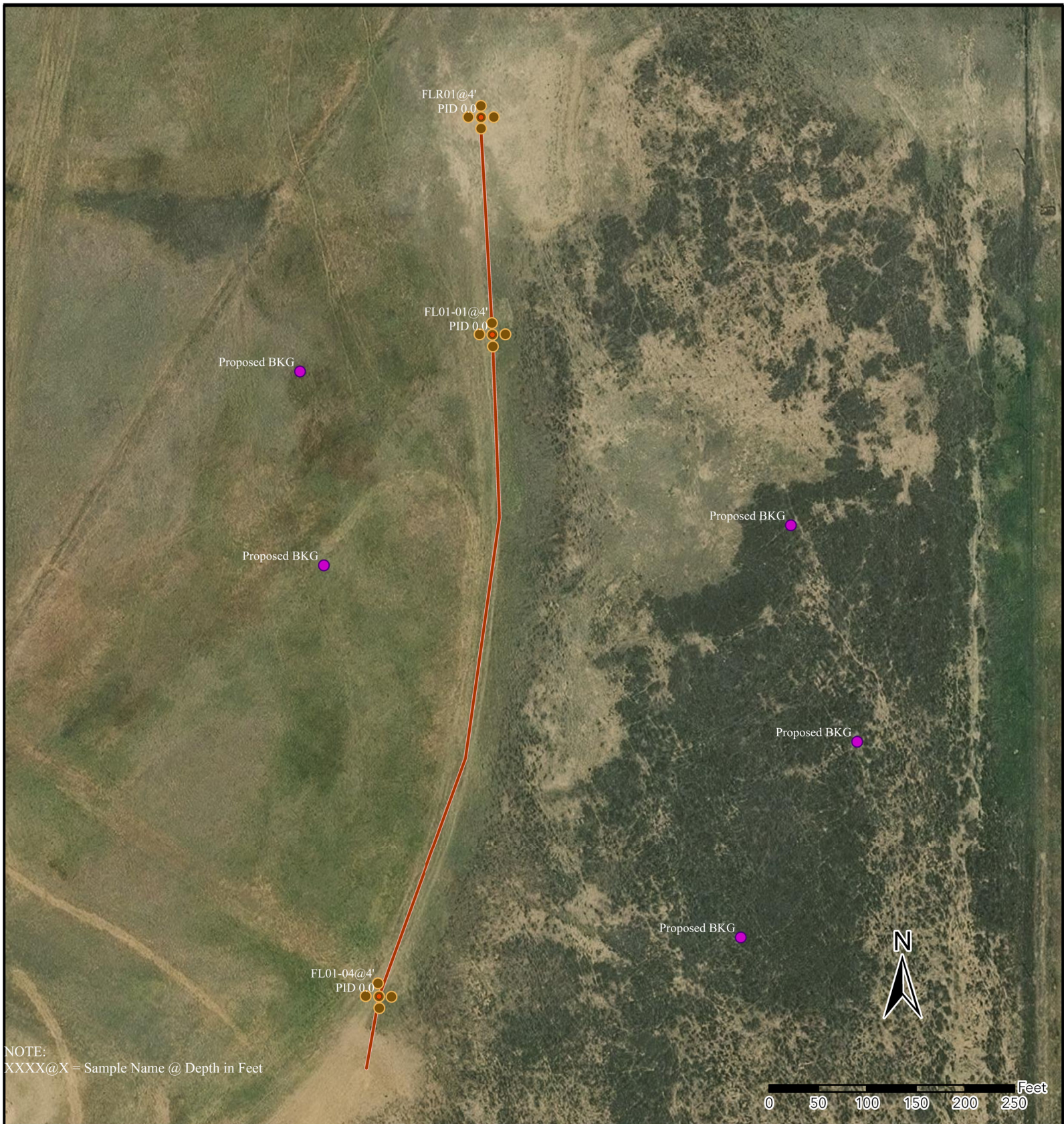


- Soil Sample
- Background Sample
- Flowline Removed

Figure 2
Soil Sample Location Map
 LUCCI-BC B 01-09 ~ NOBLE ENERGY INC
 NESE Sec. 1, T5N, R64W, 6th PM
 Weld County, Colorado
 40.427850°, -104.490780°

Project No. C023-269	API No. 05-123-14284	Facility No. 244082
Date 4/9/2026	Remediation No. 30886	File No. 23269QQ





- Soil Sample
- Background Sample
- Delineation Sample
- Flowline Removed

Figure 3
Proposed Inorganic Delineation and Background Locations

LUCCI-BC B 01-09 ~ NOBLE ENERGY INC
 SWSE Sec. 27 T4N, R64W, 6th PM
 Weld County, Colorado
 40.427850°, -104.490780°

Project No. C023-269	API No. 05-123-14284	Facility No. 244082
Date 4/9/2026	Remediation No. 30886	File No. 23269QQ



TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE 100322
LUCCI BC B 01-09, WELD COUNTY, COLORADO
REM # 30886

Sample ID	Sample Date	Depth	GPS Data Latitude/Longitude		PDOP Value	VOC Concentration (ppm)	Consultant Who Collected Samples
FL01-01@4'	10/3/2023	4.0 Ft	40.426258	-104.490708	-	0.0	Fremont
FL01-02@4'	10/3/2023	4.0 Ft	40.425745	-104.490686	-	0.0	Fremont
FL01-03@4'	10/3/2023	4.0 Ft	40.425071	-104.490816	-	0.0	Fremont
FL01-04@4'	10/3/2023	4.0 Ft	40.424407	-104.491139	-	0.0	Fremont
FLR01@4'	10/3/2023	4.0 Ft	40.426866	-104.490745	-	0.0	Fremont
SEP01-FL@4'	10/3/2023	4.0 Ft	40.424208	-104.491189	-	0.0	Fremont
BKG01@4' ¹	10/3/2023	4.0 Ft	40.426842	-104.490923	-	0.0	Fremont
BKG02@4' ¹	10/3/2023	4.0 Ft	40.427016	-104.490686	-	0.0	Fremont
BKG03@4' ¹	10/3/2023	4.0 Ft	40.426819	-104.490501	-	0.0	Fremont
BKG04@4'	10/3/2023	4.0 Ft	40.425893	-104.490871	-	0.0	Fremont
BKG05@4'	10/3/2023	4.0 Ft	40.425002	-104.490528	-	0.0	Fremont
BKG06 4ft	2/20/2026	4.0 Ft	40.426927	-104.491685	0.800000	0.0	CDH
BKG07 4ft	2/20/2026	4.0 Ft	40.426704	-104.489462	1.000000	0.0	CDH
BKG08 4ft	2/20/2026	4.0 Ft	40.426193	-104.489745	1.000000	0.0	CDH

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

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

¹ Indicates sample IDs for background samples that were determined to be within historic disturbance area and will not be used to determine site specific background levels.

TABLE 2
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE 100322
LUCCI BC B 01-09, WELD COUNTY, COLORADO
REM # 30886

Sample ID	Sample Date	Depth	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***		
FL01-01@4'	10/3/2023	4.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
FL01-02@4'	10/3/2023	4.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
FL01-03@4'	10/3/2023	4.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
FL01-04@4'	10/3/2023	4.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
FLR01@4'	10/3/2023	4.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
SEP01-FL@4'	10/3/2023	4.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50

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. ** Indicates laboratory reporting limit in excess of SSL
 5. *** Summation of GRO+DRO+ORO must be less than 500 mg/kg
 6. Samples are reported as dry weight unless otherwise indicated in the laboratory PDF report(s).
- (<) = 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
LUCCI BC B 01-09, WELD COUNTY, COLORADO
REM # 30886

Sample ID	Sample Date	Depth	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
FL01-01@4'	10/3/2023	4.0 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
FL01-02@4'	10/3/2023	4.0 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
FL01-03@4'	10/3/2023	4.0 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
FL01-04@4'	10/3/2023	4.0 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
FLR01@4'	10/3/2023	4.0 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
SEPD1-FL@4'	10/3/2023	4.0 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

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. ** Indicates laboratory reporting limit in excess of SSL
 5. Samples are reported as dry weight unless otherwise indicated in the laboratory PDF report(s).
- (<) = 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
LUCCI BC B 01-09, WELD COUNTY, COLORADO
REM # 30886

Sample ID	Sample Date	Depth	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
FL01-01@4'	10/3/2023	4.0 Ft	8.67	1.13	6.28	<2.00
FL01-02@4'	10/3/2023	4.0 Ft	8.19	1.89	4.90	<2.00
FL01-03@4'	10/3/2023	4.0 Ft	8.03	1.58	3.30	<2.00
FL01-04@4'	10/3/2023	4.0 Ft	8.54	0.445	1.42	<2.00
FLR01@4'	10/3/2023	4.0 Ft	8.77	0.274	0.0332	<2.00
SEP01-FL@4'	10/3/2023	4.0 Ft	8.30	0.135	0.0258	<2.00
BKG01@4 ¹	10/3/2023	4.0 Ft	7.63	3.54	8.04	<2.00
BKG02@4 ¹	10/3/2023	4.0 Ft	8.96	0.411	0.515	<2.00
BKG03@4 ¹	10/3/2023	4.0 Ft	8.62	2.92	34.8	<2.00
BKG04@4'	10/3/2023	4.0 Ft	6.78	0.156	0.0937	<2.00
BKG05@4'	10/3/2023	4.0 Ft	7.73	2.98	3.23	<2.00
BKG06 4ft	2/20/2026	4.0 Ft	8.08	2.07	5.22	0.149
BKG07 4ft	2/20/2026	4.0 Ft	8.21	0.210	0.104	0.202
BKG08 4ft	2/20/2026	4.0 Ft	8.33	0.180	0.0938	0.105
Maximum Background Concentration			8.33	2.98	5.22	0.202

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. Samples are reported as dry weight unless otherwise indicated in the laboratory PDF report(s).

ft = Feet

EC = Electrical Conductivity

SAR = Sodium adsorption ratio

mmhos/cm = millimhos per centimeter

mg/L = milligrams per liter

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

¹ Indicates sample IDs for background samples that were determined to be within historic disturbance area and will not be used to determine site specific background levels.

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE 100322
LUCCI BC B 01-09, WELD COUNTY, COLORADO
REM # 30886

Sample ID	Sample Date	Depth	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
FL01-01@4'	10/3/2023	4.0 Ft	1.79	36.1	<0.200	<0.30**	2.04	3.62	1.66	<0.260	<0.0200	9.10
FL01-02@4'	10/3/2023	4.0 Ft	2.35	55.1	<0.200	<0.30**	2.98	4.80	2.45	<0.260	<0.0200	11.4
FL01-03@4'	10/3/2023	4.0 Ft	2.05	41.2	<0.200	<0.30**	2.10	4.13	1.87	<0.260	<0.0200	10.0
FL01-04@4'	10/3/2023	4.0 Ft	2.31	27.5	<0.200	<0.30**	1.99	3.78	1.43	<0.260	<0.0200	6.63
FLR01@4'	10/3/2023	4.0 Ft	1.85	80.5	<0.200	<0.30**	3.54	8.01	2.95	<0.260	0.0337	15.5
SEP01-FL@4'	10/3/2023	4.0 Ft	1.72	33.4	<0.200	<0.30**	2.02	4.15	1.60	<0.260	<0.0200	9.07
BKG01@4 ¹	10/3/2023	4.0 Ft	1.35	54.8	<0.200	<0.30**	3.16	4.47	2.53	<0.260	<0.0200	11.0
BKG02@4 ¹	10/3/2023	4.0 Ft	25.7	84.7	<0.200	<0.30**	3.01	6.28	4.46	<0.260	0.0205	11.6
BKG03@4 ¹	10/3/2023	4.0 Ft	2.55	254	0.298	<0.30**	3.30	7.03	3.47	0.349	0.0337	15.8
BKG04@4'	10/3/2023	4.0 Ft	1.67	44.3	<0.200	<0.30**	2.91	5.55	1.99	<0.260	<0.0200	11.0
BKG05@4'	10/3/2023	4.0 Ft	1.72	39.5	<0.200	<0.30**	2.98	4.42	2.28	<0.260	<0.0200	10.9
BKG06 4ft	2/20/2026	4.0 Ft	2.10	<61.6	<0.285	<0.35**	<34.5	<10.5	<19.5	<0.185	<0.601	<278
BKG07 4ft	2/20/2026	4.0 Ft	2.04	<61.2	<0.284	<0.30**	<34.4	<10.5	<19.4	<0.184	<0.597	<276
BKG08 4ft	2/20/2026	4.0 Ft	2.23	81.7	<0.286	<0.31**	<34.6	<10.5	<19.5	<0.185	<0.601	<278
1.25x Maximum Background Concentration			2.79	102	NA	NA	3.73	6.94	2.85	NA	NA	13.8

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x background concentrations.

2. **Red** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.

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

4. Non-detect background results accounted for in the highest background concentration by using the reporting limit.

5. Samples are reported as dry weight unless otherwise indicated in the laboratory PDF report(s).

(<) = 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

** Indicates laboratory reporting limit in excess of SSL

NA = Not analyzed/not applicable

¹ Indicates sample IDs for background samples that were determined to be within historic disturbance area and will not be used to determine site specific background levels.



Description:

BKG06 depth and location facing W - Lucci BC B 01-9 (Flowline)

Photo Log



Description:

BKG08 depth and location facing W - Lucci BC B 01-9 (Flowline)



Description:

BKG07 depth and location facing N - Lucci BC B 01-9 (Flowline)