

TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE 100322
LUCCI B #1-20, WELD COUNTY, COLORADO
REM # 29696

| Sample ID | Sample Date | Depth (ft) | GPS Data | | PDOP Value | VOC Concentration (ppm) |
|--------------------|-------------|------------|------------|--------------|------------|-------------------------|
| | | | Latitude | Longitude | | |
| FL01 5' | 3/4/2024 | 5 | 40.4280193 | -104.5027387 | - | 0.9 |
| FL02 3' | 3/4/2024 | 3 | 40.4285905 | -104.5032078 | - | 2.0 |
| BKG01 3' | 3/4/2024 | 3 | 40.4284497 | -104.5034189 | - | 0.0 |
| BKG01 4' | 3/4/2024 | 4 | 40.4284497 | -104.5034189 | - | 0.0 |
| BKG01 5' | 3/4/2024 | 5 | 40.4284497 | -104.5034189 | - | 0.0 |
| BKG02 3' | 3/4/2024 | 3 | 40.4286838 | -104.5036000 | - | 0.0 |
| BKG02 4' | 3/4/2024 | 4 | 40.4286838 | -104.5036000 | - | 0.0 |
| BKG02 5' | 3/4/2024 | 5 | 40.4286838 | -104.5036000 | - | 0.0 |
| BKG03 3' | 3/4/2024 | 3 | 40.4281605 | -104.5020756 | - | 0.0 |
| BKG03 4' | 3/4/2024 | 4 | 40.4281605 | -104.5020756 | - | 0.0 |
| BKG03 5' | 3/4/2024 | 5 | 40.4281605 | -104.5020756 | - | 0.0 |
| BKG04 3' | 3/4/2024 | 3 | 40.4281109 | -104.4984625 | - | 0.0 |
| BKG04 4' | 3/4/2024 | 4 | 40.4281109 | -104.4984625 | - | 0.0 |
| BKG04 5' | 3/4/2024 | 5 | 40.4281109 | -104.4984625 | - | 0.0 |
| BKG05 3' | 3/4/2024 | 3 | 40.4286791 | -104.4985422 | - | 0.0 |
| BKG05 4' | 3/4/2024 | 4 | 40.4286791 | -104.4985422 | - | 0.0 |
| BKG05 5' | 3/4/2024 | 5 | 40.4286791 | -104.4985422 | - | 0.0 |
| WH-FS-01 @ 6' | 2/5/2024 | 6 | 40.428582 | -104.503248 | - | 3.6 |
| Background-01 @ 2' | 2/5/2024 | 2 | 40.428555 | -104.503281 | - | 2.0 |

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

TABLE 2
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE 100322
LUCCI B #1-20, WELD COUNTY, COLORADO
REM # 29696

| 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** | | |
| FL01 5' | 3/4/2024 | 5 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <500 | <0.50 | <50 | <50 |
| FL02 3' | 3/4/2024 | 3 | <0.0020 | <0.0050 | <0.0050 | <0.010 | <0.0050 | <0.0050 | <0.0038 | <500 | <0.50 | <50 | <50 |
| WH-FS-01 @ 6' | 2/5/2024 | 6 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00380 | <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. * 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

TABLE 3
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA
NOBLE 100322
LUCCI B #1-20, WELD COUNTY, COLORADO
REM # 29696

| 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 |
| FL01 5' | 3/4/2024 | 5 | <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 |
| FL02 3' | 3/4/2024 | 3 | <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 |
| WH-FS-01 @ 6' | 2/5/2024 | 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 |

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

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE 100322
LUCCI B #1-20, WELD COUNTY, COLORADO
REM # 29696

| 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 |
| FL01 5' | 3/4/2024 | 5 | 8.58 | 0.236 | 0.387 | <2.00 |
| FL02 3' | 3/4/2024 | 3 | 8.94 | 0.162 | 0.0111 | <2.00 |
| BKG01 3' | 3/4/2024 | 3 | 8.76 | 0.121 | 0.220 | <2.00 |
| BKG01 4' | 3/4/2024 | 4 | 8.70 | 0.143 | 0.627 | <2.00 |
| BKG01 5' | 3/4/2024 | 5 | 8.51 | 0.177 | 0.585 | <2.00 |
| BKG02 3' | 3/4/2024 | 3 | 8.57 | 0.150 | 0.245 | <2.00 |
| BKG02 4' | 3/4/2024 | 4 | 8.54 | 0.231 | 0.500 | <2.00 |
| BKG02 5' | 3/4/2024 | 5 | 8.48 | 0.194 | 0.460 | <2.00 |
| BKG03 3' | 3/4/2024 | 3 | 8.55 | 0.149 | 0.0229 | <2.00 |
| BKG03 4' | 3/4/2024 | 4 | 8.61 | 0.143 | 0.0302 | <2.00 |
| BKG03 5' | 3/4/2024 | 5 | 8.75 | 0.133 | 0.0484 | <2.00 |
| BKG04 3' | 3/4/2024 | 3 | 8.72 | 0.139 | 0.0328 | <2.00 |
| BKG04 4' | 3/4/2024 | 4 | 8.74 | 0.114 | 0.0275 | <2.00 |
| BKG04 5' | 3/4/2024 | 5 | 8.59 | 12.2 | 58.1 | <2.00 |
| BKG05 3' | 3/4/2024 | 3 | 7.85 | 0.0535 | 0.0425 | <2.00 |
| BKG05 4' | 3/4/2024 | 4 | 7.78 | 0.129 | 0.0298 | <2.00 |
| BKG05 5' | 3/4/2024 | 5 | 8.09 | 0.0941 | 0.0618 | <2.00 |
| WH-FS-01 @ 6' | 2/5/2024 | 6 | 8.36 (8.27/8.27) | 0.148 | 0.0456 | <0.101 |
| Background-01 @ 2' | 2/5/2024 | 2 | 8.36 | 0.265 | 0.0476 | 0.142 |
| Maximum Background Concentration | | | 8.76 | 12.2 | 58.1 | 0.142 |

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.

NA = Not analyzed

EC = Specific Conductance

SAR = Sodium Adsorption Ratio

mg/L = milligrams per liter

mmhos/cm = millimhos per centimeter

NA - Not analyzed

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE 100322
LUCCI B #1-20, WELD COUNTY, COLORADO
REM # 29696

| 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 |
| FL01 5' | 3/4/2024 | 5 | 2.70 | 54.8 | 0.207 | <0.30 | 4.81 | 7.22 | 4.51 | <0.260 | 0.0217 | 20.7 |
| FL02 3' | 3/4/2024 | 3 | 3.16 | 70.2 | <0.200 | <0.30 | 3.89 | 7.78 | 3.40 | <0.260 | <0.0200 | 16.9 |
| BKG01 3' | 3/4/2024 | 3 | 1.48 | 38.8 | <0.200 | <0.30 | 2.43 | 3.63 | 2.16 | <0.260 | <0.0200 | 10.1 |
| BKG01 4' | 3/4/2024 | 4 | 1.83 | 52.8 | <0.200 | <0.30 | 2.24 | 3.85 | 2.39 | <0.260 | <0.0200 | 11.2 |
| BKG01 5' | 3/4/2024 | 5 | 2.82 | 79.7 | <0.200 | <0.30 | 2.88 | 5.54 | 3.44 | <0.260 | 0.0240 | 14.4 |
| BKG02 3' | 3/4/2024 | 3 | 1.45 | 41.5 | <0.200 | <0.30 | 2.38 | 3.87 | 2.09 | <0.260 | <0.0200 | 9.68 |
| BKG02 4' | 3/4/2024 | 4 | 2.14 | 66.7 | <0.200 | <0.30 | 2.58 | 4.59 | 2.81 | <0.260 | <0.0200 | 13.2 |
| BKG02 5' | 3/4/2024 | 5 | 2.51 | 60.9 | <0.200 | <0.30 | 2.59 | 5.61 | 3.09 | <0.260 | 0.0266 | 13.0 |
| BKG03 3' | 3/4/2024 | 3 | 1.70 | 52.2 | <0.200 | <0.30 | 1.75 | 3.13 | 2.15 | <0.260 | <0.0200 | 8.71 |
| BKG03 4' | 3/4/2024 | 4 | 2.00 | 60.0 | <0.200 | <0.30 | 1.93 | 3.48 | 2.44 | <0.260 | <0.0200 | 9.91 |
| BKG03 5' | 3/4/2024 | 5 | 2.08 | 79.6 | <0.200 | <0.30 | 2.18 | 3.61 | 2.56 | <0.260 | <0.0200 | 10.0 |
| BKG04 3' | 3/4/2024 | 3 | 1.62 | 46.3 | <0.200 | <0.30 | 1.59 | 3.08 | 1.94 | <0.260 | <0.0200 | 8.38 |
| BKG04 4' | 3/4/2024 | 4 | 1.86 | 61.7 | <0.200 | <0.30 | 1.68 | 4.34 | 2.18 | <0.260 | <0.0200 | 9.30 |
| BKG04 5' | 3/4/2024 | 5 | 4.67 | 176 | 0.404 | <0.30 | 3.30 | 6.82 | 4.11 | <0.260 | 0.0454 | 15.1 |
| BKG05 3' | 3/4/2024 | 3 | 1.37 | 30.9 | <0.200 | <0.30 | 2.33 | 3.60 | 2.36 | <0.260 | <0.0200 | 11.1 |
| BKG05 4' | 3/4/2024 | 4 | 1.29 | 31.4 | <0.200 | <0.30 | 1.89 | 3.87 | 1.93 | <0.260 | <0.0200 | 9.76 |
| BKG05 5' | 3/4/2024 | 5 | 1.40 | 30.4 | <0.200 | <0.30 | 2.23 | 3.50 | 2.12 | <0.260 | <0.0200 | 10.4 |
| 1.25x Maximum Background Concentration | | | 5.8375 | 220 | 0.505 | NA | 4.125 | 8.525 | 5.1375 | NA | 0.0568 | 18.875 |

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