

**TABLE 1**  
**FIELD DATA SUMMARY TABLE**  
**OPERATOR - NOBLE 100322**  
**Worries #35-14, WELD COUNTY, COLORADO**  
**REM # 24380**

| Sample ID | Sample Date | Depth<br>(ft) | GPS Data           |             |
|-----------|-------------|---------------|--------------------|-------------|
|           |             |               | Latitude/Longitude |             |
| BG-01     | 8/29/2024   | 5             | 40.308428          | -104.638275 |
| BG-02     | 8/29/2024   | 5             | 40.308079          | -104.637832 |
| BG-03     | 8/29/2024   | 5             | 40.307748          | -104.637129 |
| BG-04     | 8/29/2024   | 5             | 40.307169          | -104.636564 |
| BG-05     | 8/29/2024   | 5             | 40.307019          | -104.639385 |
| BG-06     | 8/29/2024   | 5             | 40.306863          | -104.638781 |
| BG-07     | 8/29/2024   | 5             | 40.306763          | -104.638136 |
| FL-01-E   | 8/28/2024   | 1             | 40.307708          | -104.638537 |
| FL-01-E   | 8/28/2024   | 3             | 40.307708          | -104.638537 |
| FL-01-E   | 8/28/2024   | 5             | 40.307708          | -104.638537 |
| FL-01-N   | 8/28/2024   | 1             | 40.307792          | -104.638662 |
| FL-01-N   | 8/28/2024   | 3             | 40.307792          | -104.638662 |
| FL-01-N   | 8/28/2024   | 5             | 40.307792          | -104.638662 |
| FL-01-S   | 8/28/2024   | 1             | 40.307595          | -104.638658 |
| FL-01-S   | 8/28/2024   | 3             | 40.307595          | -104.638658 |
| FL-01-S   | 8/28/2024   | 5             | 40.307595          | -104.638658 |
| FL-01-W   | 8/28/2024   | 1             | 40.307688          | -104.638766 |
| FL-01-W   | 8/28/2024   | 3             | 40.307688          | -104.638766 |
| FL-01-W   | 8/28/2024   | 5             | 40.307688          | -104.638766 |
| FL-02-E   | 8/28/2024   | 1             | 40.307467          | -104.637495 |
| FL-02-E   | 8/28/2024   | 3             | 40.307467          | -104.637495 |
| FL-02-E   | 8/28/2024   | 5             | 40.307467          | -104.637495 |
| FL-02-N   | 8/28/2024   | 1             | 40.307543          | -104.637627 |
| FL-02-N   | 8/28/2024   | 3             | 40.307543          | -104.637627 |
| FL-02-N   | 8/28/2024   | 5             | 40.307543          | -104.637627 |
| FL-02-S   | 8/28/2024   | 1             | 40.307390          | -104.637618 |
| FL-02-S   | 8/28/2024   | 3             | 40.307390          | -104.637618 |
| FL-02-S   | 8/28/2024   | 5             | 40.307390          | -104.637618 |
| FL-02-W   | 8/28/2024   | 1             | 40.307466          | -104.637730 |
| FL-02-W   | 8/28/2024   | 3             | 40.307466          | -104.637730 |
| FL-02-W   | 8/28/2024   | 5             | 40.307466          | -104.637730 |
| WH-01-E   | 8/29/2024   | 4             | 40.307294          | -104.637439 |
| WH-01-E   | 8/29/2024   | 6             | 40.307294          | -104.637439 |
| WH-01-E   | 8/29/2024   | 8             | 40.307294          | -104.637439 |
| WH-01-N   | 8/29/2024   | 4             | 40.307354          | -104.637523 |

| Sample ID | Sample Date | Depth<br>(ft) | GPS Data           |             |
|-----------|-------------|---------------|--------------------|-------------|
|           |             |               | Latitude/Longitude |             |
| WH-01-N   | 8/29/2024   | 6             | 40.307354          | -104.637523 |
| WH-01-N   | 8/29/2024   | 8             | 40.307354          | -104.637523 |
| WH-01-S   | 8/29/2024   | 4             | 40.307240          | -104.637518 |
| WH-01-S   | 8/29/2024   | 6             | 40.307240          | -104.637518 |
| WH-01-S   | 8/29/2024   | 8             | 40.307240          | -104.637518 |
| WH-01-W   | 8/29/2024   | 4             | 40.307295          | -104.637604 |

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

ppm = Parts per million

in. = Inches

ft. = Feet

bgs = Below ground surface

TABLE 2  
SUMMARY SOIL CHEMISTRY DATA  
OPERATOR - NOBLE 100322  
Worries #35-14, WELD COUNTY, COLORADO  
REM # 24380

| Sample ID  | Sample Date | Depth (ft) | PID<br>(Photo-Ionization Detector)<br>(ppm) | pH, Lab<br>(pH units) | Sodium<br>Absorption Ratio | Conductivity<br>(mmhos/cm) |
|--|-------------|------------|---|-----------------------|----------------------------|----------------------------|
| ECMC Table 915-1 Limits (CO-ECMC-RES-SO)           |             |            | NS  | 8.3                   | 6.0                        | 4.0                        |
| ECMC Table 915-1 Limits (Site Specific Background) |             |            | --  | 10.52                 | 10.7                       |                            |
| FL-01-E  | 8/28/2024   | 1          | 0   | NA                    | NA                         | NA                         |
| FL-01-E  | 8/28/2024   | 3          | 0   | NA                    | NA                         | NA                         |
| FL-01-E  | 8/28/2024   | 5          | 0   | NA                    | NA                         | NA                         |
| FL-01-N  | 8/28/2024   | 1          | 0   | NA                    | NA                         | NA                         |
| FL-01-N  | 8/28/2024   | 3          | 0   | NA                    | NA                         | NA                         |
| FL-01-N  | 8/28/2024   | 5          | 0   | NA                    | NA                         | NA                         |
| FL-01-S  | 8/28/2024   | 1          | 0   | NA                    | NA                         | NA                         |
| FL-01-S  | 8/28/2024   | 3          | 0   | NA                    | NA                         | NA                         |
| FL-01-S  | 8/28/2024   | 5          | 0   | NA                    | NA                         | NA                         |
| FL-01-W  | 8/28/2024   | 1          | 0   | NA                    | NA                         | NA                         |
| FL-01-W  | 8/28/2024   | 3          | 0   | NA                    | NA                         | NA                         |
| FL-01-W  | 8/28/2024   | 5          | 0   | NA                    | NA                         | NA                         |
| FL-02-E  | 8/28/2024   | 1          | 0   | NA                    | 5.48                       | 0.827                      |
| FL-02-E  | 8/28/2024   | 3          | 0   | NA                    | 15.3                       | 1.77                       |
| FL-02-E  | 8/28/2024   | 5          | 0   | NA                    | 20.3                       | 8.00                       |
| FL-02-N  | 8/28/2024   | 1          | 0.1   | NA                    | 4.67                       | 3.56                       |
| FL-02-N  | 8/28/2024   | 3          | 0   | NA                    | 9.52                       | 4.10                       |
| FL-02-N  | 8/28/2024   | 5          | 0   | NA                    | 21.6                       | 8.28                       |
| FL-02-S  | 8/28/2024   | 1          | 0   | NA                    | 1.82                       | 0.991                      |
| FL-02-S  | 8/28/2024   | 3          | 0   | NA                    | 2.37                       | 0.942                      |
| FL-02-S  | 8/28/2024   | 5          | 0   | NA                    | 5.12                       | 2.36                       |
| FL-02-W  | 8/28/2024   | 1          | 0   | NA                    | 9.20                       | 4.66                       |
| FL-02-W  | 8/28/2024   | 3          | 0   | NA                    | 23.5                       | 5.74                       |
| FL-02-W  | 8/28/2024   | 5          | 0   | NA                    | 17.3                       | <b>1.54</b>                |
| WH-01-E  | 8/29/2024   | 4          | 0   | 8.47                  | NA                         | <b>NA</b>                  |
| WH-01-E  | 8/29/2024   | 6          | 0   | 8.66                  | NA                         | NA                         |
| WH-01-E  | 8/29/2024   | 8          | 0   | 8.30                  | NA                         | <b>NA</b>                  |
| WH-01-N  | 8/29/2024   | 4          | 0   | 8.92                  | NA                         | <b>NA</b>                  |
| WH-01-N  | 8/29/2024   | 6          | 0   | 8.80                  | NA                         | <b>NA</b>                  |
| WH-01-N  | 8/29/2024   | 8          | 0   | 8.96                  | NA                         | <b>NA</b>                  |
| WH-01-S  | 8/29/2024   | 4          | 0   | 8.39                  | NA                         | <b>NA</b>                  |
| WH-01-S  | 8/29/2024   | 6          | 0   | 8.48                  | NA                         | NA                         |
| WH-01-S  | 8/29/2024   | 8          | 0   | 9.02                  | NA                         | NA                         |
| WH-01-W  | 8/29/2024   | 4          | 0   | 8.19                  | NA                         | <b>NA</b>                  |

1. **Bold** values exceed the ECMC Table 915-1 limit(s)
  2. Pink & 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
- NA - Not analyzed

TABLE 3  
SUMMARY SOIL METALS DATA  
OPERATOR - NOBLE 100322  
Worries #35-14, WELD COUNTY, COLORADO  
REM # 24380

| Sample ID  | Sample Date | Depth (ft) | Calcium (mg/L) | Magnesium (mg/L) | Sodium (mg/L) |
|--|-------------|------------|----------------|------------------|---------------|
| ECMC Table 915-1 Limits (CO-ECMC-RES-SO)           |             |            | NS             | NS               | NS            |
| ECMC Table 915-1 Limits (Site Specific Background) |             |            | --             | --               | --            |
| FL-01-E  | 8/28/2024   | 1          | NA             | NA               | NA            |
| FL-01-E  | 8/28/2024   | 3          | NA             | NA               | NA            |
| FL-01-E  | 8/28/2024   | 5          | NA             | NA               | NA            |
| FL-01-N  | 8/28/2024   | 1          | NA             | NA               | NA            |
| FL-01-N  | 8/28/2024   | 3          | NA             | NA               | NA            |
| FL-01-N  | 8/28/2024   | 5          | NA             | NA               | NA            |
| FL-01-S  | 8/28/2024   | 1          | NA             | NA               | NA            |
| FL-01-S  | 8/28/2024   | 3          | NA             | NA               | NA            |
| FL-01-S  | 8/28/2024   | 5          | NA             | NA               | NA            |
| FL-01-W  | 8/28/2024   | 1          | NA             | NA               | NA            |
| FL-01-W  | 8/28/2024   | 3          | NA             | NA               | NA            |
| FL-01-W  | 8/28/2024   | 5          | NA             | NA               | NA            |
| FL-02-E  | 8/28/2024   | 1          | 35.4           | 9.83             | 143           |
| FL-02-E  | 8/28/2024   | 3          | 30.9           | 11.7             | 393           |
| FL-02-E  | 8/28/2024   | 5          | 504            | 157              | 2040          |
| FL-02-N  | 8/28/2024   | 1          | 424            | 106              | 415           |
| FL-02-N  | 8/28/2024   | 3          | 275            | 90.6             | 712           |
| FL-02-N  | 8/28/2024   | 5          | 393            | 181              | 2060          |
| FL-02-S  | 8/28/2024   | 1          | 67.2           | 11.6             | 61.5          |
| FL-02-S  | 8/28/2024   | 3          | 69.4           | 19.2             | 86.4          |
| FL-02-S  | 8/28/2024   | 5          | 268            | 50.2             | 348           |
| FL-02-W  | 8/28/2024   | 1          | 438            | 91.1             | 810           |
| FL-02-W  | 8/28/2024   | 3          | 179            | 91.2             | 1550          |
| FL-02-W  | 8/28/2024   | 5          | 27.5           | 8.89             | 407           |
| WH-01-E  | 8/29/2024   | 4          | NA             | NA               | NA            |
| WH-01-E  | 8/29/2024   | 6          | NA             | NA               | NA            |
| WH-01-E  | 8/29/2024   | 8          | NA             | NA               | NA            |
| WH-01-N  | 8/29/2024   | 4          | NA             | NA               | NA            |
| WH-01-N  | 8/29/2024   | 6          | NA             | NA               | NA            |
| WH-01-N  | 8/29/2024   | 8          | NA             | NA               | NA            |
| WH-01-S  | 8/29/2024   | 4          | NA             | NA               | NA            |
| WH-01-S  | 8/29/2024   | 6          | NA             | NA               | NA            |
| WH-01-S  | 8/29/2024   | 8          | NA             | NA               | NA            |
| WH-01-W  | 8/29/2024   | 4          | NA             | NA               | NA            |

1. **Bold** values exceed the ECMC Table 915-1 limit(s)
  2. Pink & 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
- NA - Not analyzed

TABLE 4  
SUMMARY SOIL BACKGROUND DATA  
OPERATOR - NOBLE 100322  
Worries #35-14, WELD COUNTY, COLORADO  
REM # 24380

| Sample ID                                | Sample Date | Depth (ft) | PID<br>(Photo-Ionization Detector)<br>(ppm) | pH, Lab<br>(pH units) | Sodium Absorption<br>Ratio | Conductivity<br>(mmhos/cm) | Calcium<br>(mg/L) | Magnesium<br>(mg/L) | Sodium<br>(mg/L) |
|--|-------------|------------|---|-----------------------|----------------------------|----------------------------|-------------------|---------------------|------------------|
| ECMC Table 915-1 Limits (CO-ECMC-RES-SO) |             |            | NS  | 8.3                   | 6.0                        | 4.0                        | NS                | NS                  | NS               |
| BG-01                                    | 8/29/2024   | 5          | 0   | 8.32                  | 11.1                       | 1.36                       | 27.3              | 19.0                | 310              |
| BG-02                                    | 8/29/2024   | 5          | 0.2   | 8.51                  | 6.05                       | 0.680                      | 19.4              | 8.51                | 127              |
| BG-03                                    | 8/29/2024   | 5          | 0   | 8.8                   | 6.53                       | 0.661                      | 11.5              | 12.4                | 134              |
| BG-04                                    | 8/29/2024   | 5          | 0   | 8.35                  | 5.74                       | 0.808                      | 16.5              | 20.6                | 148              |
| BG-05                                    | 8/29/2024   | 5          | 0   | 8.39                  | 10.9                       | 1.83                       | 54.1              | 38.2                | 427              |
| BG-06                                    | 8/29/2024   | 5          | 0   | 8.19                  | 12.9                       | 3.36                       | 143               | 91.3                | 802              |
| BG-07                                    | 8/29/2024   | 5          | 0   | 8.37                  | 6.6                        | 1.41                       | 53.8              | 41.0                | 264              |
| Site Specific Background                 |             |            |   | 10.52                 | 10.7                       |                            |                   |                     |                  |

1. **Bold** values exceed the ECMC Table 915-1 limit(s)
  2. Pink & 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
- NA - Not analyzed