

## Report of Analysis

|                   |                           |                 |          |
|-------------------|---------------------------|-----------------|----------|
| Client:           | Chemtech Consulting Group | Date Collected: | 01/23/25 |
| Project:          | LOD-LOQ Study             | Date Received:  | 01/23/25 |
| Client Sample ID: | MDL-SOIL-03-QT1-2025      | SDG No.:        | Q1168    |
| Lab Sample ID:    | Q1168-03                  | Matrix:         | SOIL     |
| Level (low/med):  | low                       | % Solid:        | 100      |

| Cas       | Parameter  | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|------------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum   | 0.74  | J    | 1  | 0.36   | 2.00       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-36-0 | Antimony   | 0.045 | U    | 1  | 0.045  | 0.20       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-38-2 | Arsenic    | 0.037 | J    | 1  | 0.012  | 0.10       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-39-3 | Barium     | 0.20  | J    | 1  | 0.033  | 1.00       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-41-7 | Beryllium  | 0.048 | J    | 1  | 0.032  | 0.10       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-43-9 | Cadmium    | 0.043 | J    | 1  | 0.018  | 0.10       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-70-2 | Calcium    | 19.3  | J    | 1  | 4.79   | 50.0       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-47-3 | Chromium   | 0.047 | J    | 1  | 0.026  | 0.20       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-48-4 | Cobalt     | 0.040 | J    | 1  | 0.0090 | 0.10       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-50-8 | Copper     | 0.095 | J    | 1  | 0.065  | 0.20       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7439-89-6 | Iron       | 1.94  | J    | 1  | 0.92   | 5.00       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7439-92-1 | Lead       | 0.039 | J    | 1  | 0.032  | 0.10       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7439-95-4 | Magnesium  | 17.9  | J    | 1  | 1.93   | 50.0       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7439-96-5 | Manganese  | 0.066 | J    | 1  | 0.034  | 0.10       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7439-98-7 | Molybdenum | 0.079 | U    | 1  | 0.079  | 0.50       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-02-0 | Nickel     | 0.043 | J    | 1  | 0.043  | 0.10       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-09-7 | Potassium  | 13.1  | J    | 1  | 3.84   | 50.0       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7782-49-2 | Selenium   | 0.28  | U    | 1  | 0.28   | 0.50       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-22-4 | Silver     | 0.043 | J    | 1  | 0.026  | 0.10       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-23-5 | Sodium     | 19.7  | J    | 1  | 7.02   | 50.0       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-24-6 | Strontium  | 0.052 | U    | 1  | 0.052  | 0.10       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-28-0 | Thallium   | 0.038 | J    | 1  | 0.014  | 0.10       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-31-5 | Tin        | 0.070 | J    | 1  | 0.032  | 0.50       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-32-6 | Titanium   | 0.073 | U    | 1  | 0.073  | 0.50       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-61-1 | Uranium    | 0.036 | J    | 1  | 0      | 0.10       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-62-2 | Vanadium   | 0.038 | J    | 1  | 0.011  | 0.50       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-66-6 | Zinc       | 0.090 | U    | 1  | 0.090  | 0.50       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |
| 7440-67-7 | Zirconium  | 0.049 | J    | 1  | 0      | 0.10       | mg/Kg             | 04/08/25 08:30 | 04/09/25 18:42 | SW6020   | SW3050    |

|               |               |                 |            |      |
|---------------|---------------|-----------------|------------|------|
| Color Before: | Colorless     | Clarity Before: | Texture:   | Fine |
| Color After:  | Colorless     | Clarity After:  | Artifacts: | No   |
| Comments:     | Metals Group3 |                 |            |      |

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N =Spiked sample recovery not within control limits