

## Report of Analysis

|                   |                                       |                 |          |
|-------------------|---------------------------------------|-----------------|----------|
| Client:           | JACOBS Engineering Group, Inc.        | Date Collected: | 08/19/24 |
| Project:          | Former Schlumberger Site Princeton NJ | Date Received:  | 08/19/24 |
| Client Sample ID: | S-912-J-SO-0.5-1-081924               | SDG No.:        | P3671    |
| Lab Sample ID:    | P3671-14                              | Matrix:         | SOIL     |
| Level (low/med):  | low                                   | % Solid:        | 51.5     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|-------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 4900  | N    | 1  | 0.79  | 2.83       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7440-36-0 | Antimony  | 0.26  | J    | 1  | 0.014 | 0.28       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7440-38-2 | Arsenic   | 3.60  |      | 1  | 0.013 | 0.14       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7440-39-3 | Barium    | 77.7  |      | 1  | 0.052 | 1.42       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7440-41-7 | Beryllium | 0.42  |      | 1  | 0.035 | 0.14       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7440-43-9 | Cadmium   | 0.26  |      | 1  | 0.038 | 0.14       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7440-70-2 | Calcium   | 3140  |      | 1  | 9.57  | 70.9       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7440-47-3 | Chromium  | 11.5  |      | 1  | 0.034 | 0.28       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7440-48-4 | Cobalt    | 0.68  |      | 1  | 0.011 | 0.14       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7440-50-8 | Copper    | 20.7  |      | 1  | 0.079 | 0.28       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7439-89-6 | Iron      | 3320  |      | 1  | 1.57  | 7.09       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7439-92-1 | Lead      | 52.1  |      | 1  | 0.021 | 0.14       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7439-95-4 | Magnesium | 557   |      | 1  | 3.83  | 70.9       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7439-96-5 | Manganese | 766   |      | 1  | 0.048 | 0.14       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7439-97-6 | Mercury   | 0.046 | N    | 1  | 0.011 | 0.025      | mg/Kg             | 08/23/24 14:30 | 08/24/24 11:57 | 7471B    |           |
| 7440-02-0 | Nickel    | 4.59  |      | 1  | 0.023 | 0.14       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7440-09-7 | Potassium | 250   |      | 1  | 5.64  | 70.9       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7782-49-2 | Selenium  | 0.99  |      | 1  | 0.17  | 0.71       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7440-22-4 | Silver    | 0.13  | JN   | 1  | 0.037 | 0.14       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7440-23-5 | Sodium    | 1010  |      | 1  | 8.66  | 70.9       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7440-28-0 | Thallium  | 0.060 | J    | 1  | 0.014 | 0.14       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7440-62-2 | Vanadium  | 9.59  |      | 1  | 0.011 | 0.71       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |
| 7440-66-6 | Zinc      | 22.8  |      | 1  | 0.18  | 0.71       | mg/Kg             | 08/21/24 11:00 | 08/25/24 23:46 | 6020B    | SW3050    |

|               |         |                 |            |        |
|---------------|---------|-----------------|------------|--------|
| Color Before: | Black   | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow  | Clarity After:  | Artifacts: | N/A    |
| Comments:     | Mercury |                 |            |        |

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