

## 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-904-J-SO-0-0.5-081924               | SDG No.:        | P3671    |
| Lab Sample ID:    | P3671-01                              | Matrix:         | SOIL     |
| Level (low/med):  | low                                   | % Solid:        | 71.3     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 7680  | N    | 1  | 0.53   | 1.91       | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7440-36-0 | Antimony  | 0.32  |      | 1  | 0.010  | 0.19       | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7440-38-2 | Arsenic   | 4.27  |      | 1  | 0.0090 | 0.095      | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7440-39-3 | Barium    | 56.2  |      | 1  | 0.035  | 0.95       | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7440-41-7 | Beryllium | 0.59  |      | 1  | 0.024  | 0.095      | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7440-43-9 | Cadmium   | 1.01  |      | 1  | 0.026  | 0.095      | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7440-70-2 | Calcium   | 6250  |      | 1  | 6.44   | 47.7       | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7440-47-3 | Chromium  | 25.8  |      | 1  | 0.023  | 0.19       | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7440-48-4 | Cobalt    | 19.6  |      | 1  | 0.0080 | 0.095      | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7440-50-8 | Copper    | 102   |      | 1  | 0.053  | 0.19       | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7439-89-6 | Iron      | 15000 |      | 1  | 1.06   | 4.77       | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7439-92-1 | Lead      | 94.2  |      | 1  | 0.014  | 0.095      | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7439-95-4 | Magnesium | 2000  |      | 1  | 2.58   | 47.7       | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7439-96-5 | Manganese | 310   |      | 1  | 0.032  | 0.095      | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7439-97-6 | Mercury   | 0.51  | N    | 1  | 0.0080 | 0.018      | mg/Kg             | 08/23/24 14:30 | 08/24/24 11:10 | 7471B    |           |
| 7440-02-0 | Nickel    | 39.7  |      | 1  | 0.015  | 0.095      | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7440-09-7 | Potassium | 416   |      | 1  | 3.80   | 47.7       | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7782-49-2 | Selenium  | 0.52  |      | 1  | 0.11   | 0.48       | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7440-22-4 | Silver    | 1.56  | N    | 1  | 0.025  | 0.095      | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7440-23-5 | Sodium    | 398   |      | 1  | 5.83   | 47.7       | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7440-28-0 | Thallium  | 0.10  |      | 1  | 0.010  | 0.095      | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7440-62-2 | Vanadium  | 26.9  |      | 1  | 0.0080 | 0.48       | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 6020B    | SW3050    |
| 7440-66-6 | Zinc      | 165   |      | 1  | 0.12   | 0.48       | mg/Kg             | 08/21/24 11:00 | 08/25/24 21:29 | 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