

## Report of Analysis

|                   |                                           |                 |          |
|-------------------|-------------------------------------------|-----------------|----------|
| Client:           | Louis Berger U.S., Inc., A WSP Company    | Date Collected: | 01/18/23 |
| Project:          | NYCDDC Phase II SCI Arthur Kill Road CEQR | Date Received:  | 01/19/23 |
| Client Sample ID: | B-P18B                                    | SDG No.:        | O1232    |
| Lab Sample ID:    | O1232-05                                  | Matrix:         | SOIL     |
| Level (low/med):  | low                                       | % Solid:        | 91.4     |

| Cas       | Parameter | Conc.  | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|--------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 4010   |      | 1  | 2.28   | 5.16       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7440-36-0 | Antimony  | 0.93   | JN   | 1  | 0.36   | 2.58       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic   | 1.94   |      | 1  | 0.22   | 1.03       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 45.9   |      | 1  | 0.74   | 5.16       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium | 0.58   | N    | 1  | 0.022  | 0.31       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 0.59   |      | 1  | 0.028  | 0.31       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7440-70-2 | Calcium   | 1460   |      | 1  | 7.37   | 103        | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 58.7   |      | 1  | 0.093  | 0.52       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt    | 14.5   |      | 1  | 0.077  | 1.55       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7440-50-8 | Copper    | 14.9   | N    | 1  | 0.43   | 1.03       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7439-89-6 | Iron      | 20500  |      | 1  | 4.06   | 5.16       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 11.8   |      | 1  | 0.27   | 0.62       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7439-95-4 | Magnesium | 5930   |      | 1  | 9.40   | 103        | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7439-96-5 | Manganese | 345    |      | 1  | 0.11   | 1.03       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.0040 | J    | 1  | 0.0030 | 0.013      | mg/Kg             | 01/20/23 16:35 | 01/23/23 11:13 | SW7471B  |           |
| 7440-02-0 | Nickel    | 151    |      | 1  | 0.19   | 2.06       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7440-09-7 | Potassium | 809    |      | 1  | 24.0   | 103        | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7782-49-2 | Selenium  | 0.44   | U    | 1  | 0.44   | 1.03       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 1.12   |      | 1  | 0.081  | 0.52       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7440-23-5 | Sodium    | 143    |      | 1  | 24.2   | 103        | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7440-28-0 | Thallium  | 0.32   | U    | 1  | 0.32   | 2.06       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium  | 26.7   |      | 1  | 0.33   | 2.06       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |
| 7440-66-6 | Zinc      | 38.9   |      | 1  | 0.21   | 2.06       | mg/Kg             | 01/20/23 15:00 | 01/20/23 21:09 | SW6010   | SW3050    |

|               |            |                 |            |        |
|---------------|------------|-----------------|------------|--------|
| Color Before: | Brown      | Clarity Before: | Texture:   | Medium |
| Color After:  | Brown      | Clarity After:  | Artifacts: | No     |
| Comments:     | METALS-TAL |                 |            |        |

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