

## Report of Analysis

|                   |                              |                 |          |
|-------------------|------------------------------|-----------------|----------|
| Client:           | Portal Partners Tri-Venture  | Date Collected: | 05/31/25 |
| Project:          | Amtrak Sawtooth Bridges 2025 | Date Received:  | 06/02/25 |
| Client Sample ID: | B-202-SB01                   | SDG No.:        | Q2177    |
| Lab Sample ID:    | Q2177-06                     | Matrix:         | SOIL     |
| Level (low/med):  | low                          | % Solid:        | 85.4     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 7040  | *    | 1  | 0.92   | 5.45       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 0.24  | UN   | 1  | 0.24   | 2.72       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 2.83  |      | 1  | 0.21   | 1.09       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 77.3  | N*   | 1  | 0.80   | 5.45       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.44  |      | 1  | 0.027  | 0.33       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 0.87  |      | 1  | 0.026  | 0.33       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 4840  | *    | 1  | 12.1   | 109        | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 14.5  |      | 1  | 0.051  | 0.55       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 9.12  |      | 1  | 0.11   | 1.63       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 12.0  |      | 1  | 0.24   | 1.09       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 17500 | *    | 1  | 4.35   | 5.45       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 31.2  |      | 1  | 0.14   | 0.65       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 4570  | *    | 1  | 13.1   | 109        | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 304   |      | 1  | 0.15   | 1.09       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.079 |      | 1  | 0.0080 | 0.015      | mg/Kg             | 06/02/25 08:35 | 06/03/25 14:39 | 7471B    |           |
| 7440-02-0 | Nickel    | 17.5  |      | 1  | 0.14   | 2.18       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 7200  | *    | 1  | 30.2   | 109        | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 0.28  | U    | 1  | 0.28   | 1.09       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.13  | U    | 1  | 0.13   | 0.55       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 201   | N*   | 1  | 19.4   | 109        | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 0.25  | U    | 1  | 0.25   | 2.18       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 23.0  |      | 1  | 0.27   | 2.18       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 80.0  | N    | 1  | 0.25   | 2.18       | mg/Kg             | 06/02/25 13:05 | 06/10/25 22:13 | 6010D    | SW3050    |

|               |            |                 |            |        |
|---------------|------------|-----------------|------------|--------|
| Color Before: | Brown      | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow     | Clarity After:  | Artifacts: |        |
| 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