

## Report of Analysis

|                   |                              |                 |          |
|-------------------|------------------------------|-----------------|----------|
| Client:           | Portal Partners Tri-Venture  | Date Collected: | 03/05/25 |
| Project:          | Amtrak Sawtooth Bridges 2025 | Date Received:  | 03/06/25 |
| Client Sample ID: | ENV-105-SB02                 | SDG No.:        | Q1514    |
| Lab Sample ID:    | Q1514-03                     | Matrix:         | SOIL     |
| Level (low/med):  | low                          | % Solid:        | 81       |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 3260  |      | 1  | 2.56   | 5.32       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7440-36-0 | Antimony  | 0.16  | UN   | 1  | 0.16   | 2.66       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic   | 2.08  |      | 1  | 0.31   | 1.06       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 18.7  | N    | 1  | 0.68   | 5.32       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium | 0.38  | N    | 1  | 0.013  | 0.32       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 0.017 | U    | 1  | 0.017  | 0.32       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7440-70-2 | Calcium   | 909   |      | 1  | 2.98   | 106        | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 6.40  |      | 1  | 0.057  | 0.53       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt    | 5.36  |      | 1  | 0.062  | 1.60       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7440-50-8 | Copper    | 12.9  |      | 1  | 0.50   | 1.06       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7439-89-6 | Iron      | 10900 |      | 1  | 2.86   | 5.32       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 19.1  | N    | 1  | 0.16   | 0.64       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7439-95-4 | Magnesium | 1090  |      | 1  | 3.65   | 106        | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7439-96-5 | Manganese | 56.4  |      | 1  | 0.076  | 1.06       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.39  |      | 1  | 0.0070 | 0.015      | mg/Kg             | 03/10/25 09:25 | 03/11/25 09:15 | SW7471B  |           |
| 7440-02-0 | Nickel    | 9.52  |      | 1  | 0.096  | 2.13       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7440-09-7 | Potassium | 314   | N    | 1  | 30.5   | 106        | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7782-49-2 | Selenium  | 0.35  | UN   | 1  | 0.35   | 1.06       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 0.055 | U    | 1  | 0.055  | 0.53       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7440-23-5 | Sodium    | 51.3  | J    | 1  | 38.4   | 106        | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7440-28-0 | Thallium  | 0.47  | U    | 1  | 0.47   | 2.13       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium  | 11.5  |      | 1  | 0.29   | 2.13       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | SW3050    |
| 7440-66-6 | Zinc      | 40.4  |      | 1  | 0.12   | 2.13       | mg/Kg             | 03/07/25 09:20 | 03/13/25 15:59 | SW6010   | 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