

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/23/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/25/25
Client Sample ID:	B-154-SB01	SDG No.:	Q1422
Lab Sample ID:	Q1422-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6540		1	2.37	4.92	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7440-36-0	Antimony	0.15	UN	1	0.15	2.46	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7440-38-2	Arsenic	3.45		1	0.28	0.98	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7440-39-3	Barium	52.8		1	0.63	4.92	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7440-41-7	Beryllium	0.51		1	0.012	0.30	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7440-43-9	Cadmium	0.016	U	1	0.016	0.30	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7440-70-2	Calcium	1300		1	2.75	98.4	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7440-47-3	Chromium	11.5		1	0.053	0.49	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7440-48-4	Cobalt	9.17		1	0.057	1.48	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7440-50-8	Copper	34.9		1	0.46	0.98	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7439-89-6	Iron	16800		1	2.65	4.92	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7439-92-1	Lead	26.4		1	0.15	0.59	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7439-95-4	Magnesium	3540		1	3.37	98.4	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7439-96-5	Manganese	186		1	0.070	0.98	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7439-97-6	Mercury	0.023	N	1	0.0070	0.016	mg/Kg	02/25/25 13:30	02/26/25 12:28	SW7471B	
7440-02-0	Nickel	17.1		1	0.089	1.97	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7440-09-7	Potassium	1030		1	28.2	98.4	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7782-49-2	Selenium	0.33	UN	1	0.33	0.98	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7440-22-4	Silver	0.051	UN	1	0.051	0.49	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7440-23-5	Sodium	94.2	J	1	35.5	98.4	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7440-28-0	Thallium	0.89	J	1	0.43	1.97	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7440-62-2	Vanadium	16.3		1	0.27	1.97	mg/Kg	02/25/25 10:05	03/10/25 15:18	SW6010	SW3050
7440-66-6	Zinc	39.7		1	0.11	1.97	mg/Kg	02/25/25 10:05	03/10/25 15:18	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