

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-SB02	SDG No.:	Q1422
Lab Sample ID:	Q1422-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.3

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	2.44	5.07	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7440-36-0	Antimony	0.15	UN	1	0.15	2.53	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7440-38-2	Arsenic	1.97		1	0.29	1.01	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7440-39-3	Barium	40.7		1	0.65	5.07	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7440-41-7	Beryllium	0.48		1	0.012	0.30	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7440-43-9	Cadmium	0.016	U	1	0.016	0.30	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7440-70-2	Calcium	852		1	2.84	101	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7440-47-3	Chromium	10.5		1	0.055	0.51	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7440-48-4	Cobalt	6.40		1	0.059	1.52	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7440-50-8	Copper	16.3		1	0.48	1.01	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7439-89-6	Iron	12700		1	2.73	5.07	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7439-92-1	Lead	8.93		1	0.15	0.61	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7439-95-4	Magnesium	2070		1	3.48	101	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7439-96-5	Manganese	148		1	0.072	1.01	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7439-97-6	Mercury	0.0070	UN	1	0.0070	0.015	mg/Kg	02/25/25 13:30	02/26/25 12:40	SW7471B	
7440-02-0	Nickel	10.9		1	0.091	2.03	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7440-09-7	Potassium	571		1	29.1	101	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7782-49-2	Selenium	0.34	UN	1	0.34	1.01	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7440-22-4	Silver	0.053	UN	1	0.053	0.51	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7440-23-5	Sodium	60.6	J	1	36.6	101	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7440-28-0	Thallium	0.45	U	1	0.45	2.03	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7440-62-2	Vanadium	17.2		1	0.27	2.03	mg/Kg	02/25/25 10:05	03/10/25 15:22	SW6010	SW3050
7440-66-6	Zinc	25.3		1	0.11	2.03	mg/Kg	02/25/25 10:05	03/10/25 15:22	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