

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5750		1	2.74	5.67	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7440-36-0	Antimony	0.17	UN	1	0.17	2.84	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7440-38-2	Arsenic	2.40		1	0.33	1.13	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7440-39-3	Barium	9.30		1	0.73	5.67	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7440-41-7	Beryllium	0.36		1	0.014	0.34	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7440-43-9	Cadmium	0.018	U	1	0.018	0.34	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7440-70-2	Calcium	494		1	3.18	113	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7440-47-3	Chromium	9.06		1	0.061	0.57	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7440-48-4	Cobalt	6.08		1	0.066	1.70	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7440-50-8	Copper	10.8		1	0.53	1.13	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7439-89-6	Iron	10600		1	3.05	5.67	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7439-92-1	Lead	7.02		1	0.17	0.68	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7439-95-4	Magnesium	1190		1	3.89	113	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7439-96-5	Manganese	72.0		1	0.081	1.13	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7439-97-6	Mercury	0.046		1	0.0070	0.016	mg/Kg	03/05/25 16:00	03/06/25 12:03	SW7471B	
7440-02-0	Nickel	7.79		1	0.10	2.27	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7440-09-7	Potassium	390		1	32.6	113	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7782-49-2	Selenium	0.38	U	1	0.38	1.13	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7440-22-4	Silver	0.059	U	1	0.059	0.57	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7440-23-5	Sodium	163	N	1	41.0	113	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7440-28-0	Thallium	0.50	U	1	0.50	2.27	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7440-62-2	Vanadium	16.6		1	0.31	2.27	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050
7440-66-6	Zinc	28.3		1	0.13	2.27	mg/Kg	03/05/25 10:05	03/13/25 14:23	SW6010	SW3050

Color Before:	Black	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