

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-149-SB02	SDG No.:	Q1746
Lab Sample ID:	Q1746-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5920		1	2.77	5.75	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7440-36-0	Antimony	0.17	U	1	0.17	2.88	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7440-38-2	Arsenic	2.57		1	0.33	1.15	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7440-39-3	Barium	7.68		1	0.74	5.75	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7440-41-7	Beryllium	0.34	JN	1	0.014	0.35	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7440-43-9	Cadmium	0.018	U	1	0.018	0.35	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7440-70-2	Calcium	628		1	3.22	115	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7440-47-3	Chromium	11.9		1	0.062	0.57	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7440-48-4	Cobalt	5.12		1	0.067	1.73	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7440-50-8	Copper	15.7		1	0.54	1.15	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7439-89-6	Iron	11100		1	3.09	5.75	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7439-92-1	Lead	5.50		1	0.17	0.69	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7439-95-4	Magnesium	2730		1	3.95	115	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7439-96-5	Manganese	72.9		1	0.082	1.15	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7439-97-6	Mercury	0.0080	UN*	1	0.0080	0.014	mg/Kg	04/08/25 16:50	04/09/25 12:25	SW7471B	
7440-02-0	Nickel	11.1		1	0.10	2.30	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7440-09-7	Potassium	796		1	33.0	115	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7782-49-2	Selenium	0.38	U	1	0.38	1.15	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7440-22-4	Silver	0.45	J	1	0.060	0.57	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7440-23-5	Sodium	137		1	41.5	115	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7440-28-0	Thallium	0.51	U	1	0.51	2.30	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7440-62-2	Vanadium	14.0		1	0.31	2.30	mg/Kg	04/07/25 14:05	04/10/25 16:22	SW6010	SW3050
7440-66-6	Zinc	31.0		1	0.13	2.30	mg/Kg	04/07/25 14:05	04/10/25 16:22	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