

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-170-SB01	SDG No.:	Q1901
Lab Sample ID:	Q1901-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	83

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5350	*	1	0.91	5.43	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.71	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-38-2	Arsenic	2.04		1	0.21	1.09	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-39-3	Barium	55.0		1	0.79	5.43	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-41-7	Beryllium	0.30	J*	1	0.027	0.33	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-43-9	Cadmium	0.026	U	1	0.026	0.33	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-70-2	Calcium	13000		1	12.0	109	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-47-3	Chromium	12.2		1	0.051	0.54	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-48-4	Cobalt	5.55		1	0.11	1.63	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-50-8	Copper	45.2	*	1	0.24	1.09	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7439-89-6	Iron	11300		1	4.33	5.43	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7439-92-1	Lead	121	*	1	0.14	0.65	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7439-95-4	Magnesium	3180	*	1	13.0	109	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7439-96-5	Manganese	174		1	0.15	1.09	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7439-97-6	Mercury	0.22		1	0.0080	0.015	mg/Kg	04/29/25 15:15	04/30/25 14:08	SW7471B	
7440-02-0	Nickel	13.9		1	0.14	2.17	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-09-7	Potassium	1750		1	30.1	109	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7782-49-2	Selenium	0.28	U	1	0.28	1.09	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-22-4	Silver	0.22	J	1	0.13	0.54	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-23-5	Sodium	187		1	19.3	109	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.17	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-62-2	Vanadium	13.9		1	0.27	2.17	mg/Kg	04/29/25 10:50	04/30/25 21:25	SW6010	SW3050
7440-66-6	Zinc	58.2	*	1	0.25	2.17	mg/Kg	04/29/25 10:50	04/30/25 21:25	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