

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-SB02	SDG No.:	Q1901
Lab Sample ID:	Q1901-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	75.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8500	*	1	0.92	5.50	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.75	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-38-2	Arsenic	1.07	J	1	0.21	1.10	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-39-3	Barium	4.05	J	1	0.80	5.50	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-41-7	Beryllium	0.18	J*	1	0.028	0.33	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-43-9	Cadmium	0.026	U	1	0.026	0.33	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-70-2	Calcium	959		1	12.2	110	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-47-3	Chromium	8.86		1	0.052	0.55	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-48-4	Cobalt	2.02		1	0.11	1.65	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-50-8	Copper	2.71	*	1	0.24	1.10	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7439-89-6	Iron	6400		1	4.39	5.50	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7439-92-1	Lead	3.70	*	1	0.14	0.66	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7439-95-4	Magnesium	1400	*	1	13.2	110	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7439-96-5	Manganese	41.6		1	0.15	1.10	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7439-97-6	Mercury	0.018		1	0.0090	0.016	mg/Kg	04/29/25 15:15	04/30/25 14:17	SW7471B	
7440-02-0	Nickel	6.18		1	0.14	2.20	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-09-7	Potassium	365		1	30.5	110	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7782-49-2	Selenium	0.38	J	1	0.29	1.10	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-22-4	Silver	0.13	U	1	0.13	0.55	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-23-5	Sodium	469		1	19.6	110	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.20	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-62-2	Vanadium	10.8		1	0.28	2.20	mg/Kg	04/29/25 10:50	04/30/25 21:33	SW6010	SW3050
7440-66-6	Zinc	9.64	*	1	0.25	2.20	mg/Kg	04/29/25 10:50	04/30/25 21:33	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