

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-167-SB02	SDG No.:	Q1901
Lab Sample ID:	Q1901-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	53.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11100	*	1	1.42	8.47	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-36-0	Antimony	0.37	UN	1	0.37	4.23	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-38-2	Arsenic	8.83		1	0.32	1.69	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-39-3	Barium	20.3		1	1.24	8.47	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-41-7	Beryllium	0.89	*	1	0.042	0.51	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-43-9	Cadmium	0.69		1	0.041	0.51	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-70-2	Calcium	1510		1	18.8	169	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-47-3	Chromium	28.8		1	0.080	0.85	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-48-4	Cobalt	11.5		1	0.17	2.54	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-50-8	Copper	16.5	*	1	0.37	1.69	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7439-89-6	Iron	28100		1	6.76	8.47	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7439-92-1	Lead	17.3	*	1	0.22	1.02	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7439-95-4	Magnesium	4900	*	1	20.3	169	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7439-96-5	Manganese	195		1	0.24	1.69	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7439-97-6	Mercury	0.076		1	0.014	0.024	mg/Kg	04/29/25 15:15	04/30/25 14:15	SW7471B	
7440-02-0	Nickel	24.5		1	0.22	3.39	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-09-7	Potassium	1870		1	46.9	169	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7782-49-2	Selenium	0.44	U	1	0.44	1.69	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-22-4	Silver	0.20	U	1	0.20	0.85	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-23-5	Sodium	1140		1	30.1	169	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-28-0	Thallium	1.15	J	1	0.39	3.39	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-62-2	Vanadium	34.8		1	0.42	3.39	mg/Kg	04/29/25 10:50	04/30/25 21:29	SW6010	SW3050
7440-66-6	Zinc	61.9	*	1	0.39	3.39	mg/Kg	04/29/25 10:50	04/30/25 21:29	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