

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-SB01	SDG No.:	Q1901
Lab Sample ID:	Q1901-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3600	*	1	0.90	5.36	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.68	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-38-2	Arsenic	2.93		1	0.20	1.07	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-39-3	Barium	90.5		1	0.78	5.36	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-41-7	Beryllium	0.30	J*	1	0.027	0.32	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-43-9	Cadmium	0.026	U	1	0.026	0.32	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-70-2	Calcium	6590		1	11.9	107	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-47-3	Chromium	13.3		1	0.050	0.54	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-48-4	Cobalt	3.57		1	0.11	1.61	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-50-8	Copper	29.1	*	1	0.24	1.07	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7439-89-6	Iron	9760		1	4.27	5.36	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7439-92-1	Lead	490	*	1	0.14	0.64	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7439-95-4	Magnesium	1610	*	1	12.9	107	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7439-96-5	Manganese	121		1	0.15	1.07	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7439-97-6	Mercury	0.039		1	0.0090	0.016	mg/Kg	04/29/25 15:15	04/30/25 13:59	SW7471B	
7440-02-0	Nickel	11.4		1	0.14	2.14	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-09-7	Potassium	592		1	29.7	107	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7782-49-2	Selenium	0.28	U	1	0.28	1.07	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-22-4	Silver	0.55		1	0.13	0.54	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-23-5	Sodium	100	J	1	19.1	107	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-28-0	Thallium	0.28	J	1	0.25	2.14	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-62-2	Vanadium	12.8		1	0.27	2.14	mg/Kg	04/29/25 10:50	04/30/25 21:21	SW6010	SW3050
7440-66-6	Zinc	69.7	*	1	0.25	2.14	mg/Kg	04/29/25 10:50	04/30/25 21:21	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