

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	01/25/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	01/27/25
Client Sample ID:	B-110-SB01	SDG No.:	Q1194
Lab Sample ID:	Q1194-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5220		1	2.31	4.80	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-36-0	Antimony	0.14	U	1	0.14	2.40	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-38-2	Arsenic	1.82		1	0.28	0.96	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-39-3	Barium	49.5	N	1	0.61	4.80	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-41-7	Beryllium	0.55	N	1	0.012	0.29	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-43-9	Cadmium	0.24	J*	1	0.015	0.29	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-70-2	Calcium	1530		1	2.69	96.0	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-47-3	Chromium	14.7	N	1	0.052	0.48	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-48-4	Cobalt	5.56		1	0.056	1.44	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-50-8	Copper	14.8	N	1	0.45	0.96	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7439-89-6	Iron	9370		1	2.58	4.80	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7439-92-1	Lead	7.05		1	0.14	0.58	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7439-95-4	Magnesium	2350		1	3.29	96.0	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7439-96-5	Manganese	276		1	0.068	0.96	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7439-97-6	Mercury	0.027		1	0.0070	0.015	mg/Kg	01/27/25 13:05	01/27/25 18:30	SW7471B	
7440-02-0	Nickel	12.8		1	0.086	1.92	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-09-7	Potassium	867	N	1	27.5	96.0	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7782-49-2	Selenium	0.32	UN	1	0.32	0.96	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-22-4	Silver	0.050	U	1	0.050	0.48	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-23-5	Sodium	140		1	34.6	96.0	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-28-0	Thallium	0.72	J	1	0.42	1.92	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-62-2	Vanadium	8.80	N	1	0.26	1.92	mg/Kg	01/28/25 11:30	01/29/25 12:15	SW6010	SW3050
7440-66-6	Zinc	29.6		1	0.11	1.92	mg/Kg	01/28/25 11:30	01/29/25 12:15	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