

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-113-SB02	SDG No.:	Q1194
Lab Sample ID:	Q1194-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	64.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10400		1	3.39	7.03	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-36-0	Antimony	0.21	U	1	0.21	3.51	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-38-2	Arsenic	7.87		1	0.41	1.41	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-39-3	Barium	28.3	N	1	0.90	7.03	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-41-7	Beryllium	0.89	N	1	0.017	0.42	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-43-9	Cadmium	0.40	J*	1	0.022	0.42	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-70-2	Calcium	1530		1	3.93	141	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-47-3	Chromium	24.2	N	1	0.076	0.70	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-48-4	Cobalt	12.7		1	0.081	2.11	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-50-8	Copper	16.0	N	1	0.66	1.41	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7439-89-6	Iron	27100		1	3.78	7.03	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7439-92-1	Lead	14.3		1	0.21	0.84	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7439-95-4	Magnesium	5000		1	4.82	141	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7439-96-5	Manganese	330		1	0.10	1.41	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7439-97-6	Mercury	0.033		1	0.0090	0.019	mg/Kg	01/27/25 13:05	01/27/25 18:38	SW7471B	
7440-02-0	Nickel	26.3		1	0.13	2.81	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-09-7	Potassium	1980	N	1	40.3	141	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7782-49-2	Selenium	0.46	UN	1	0.46	1.41	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-22-4	Silver	0.15	J	1	0.073	0.70	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-23-5	Sodium	940		1	50.7	141	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-28-0	Thallium	0.64	J	1	0.62	2.81	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-62-2	Vanadium	26.2	N	1	0.38	2.81	mg/Kg	01/28/25 11:30	01/30/25 18:03	SW6010	SW3050
7440-66-6	Zinc	62.0		1	0.16	2.81	mg/Kg	01/28/25 11:30	01/30/25 18:03	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