

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-149-SB01	SDG No.:	Q1746
Lab Sample ID:	Q1746-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5630		1	2.52	5.23	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7440-36-0	Antimony	1.02	J	1	0.16	2.62	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7440-38-2	Arsenic	4.37		1	0.30	1.05	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7440-39-3	Barium	23.8		1	0.67	5.23	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7440-41-7	Beryllium	0.46	N	1	0.013	0.31	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7440-43-9	Cadmium	0.017	U	1	0.017	0.31	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7440-70-2	Calcium	2070		1	2.93	105	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7440-47-3	Chromium	12.0		1	0.057	0.52	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7440-48-4	Cobalt	11.2		1	0.061	1.57	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7440-50-8	Copper	93.3		1	0.49	1.05	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7439-89-6	Iron	24800		1	2.82	5.23	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7439-92-1	Lead	120		1	0.16	0.63	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7439-95-4	Magnesium	2700		1	3.59	105	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7439-96-5	Manganese	284		1	0.074	1.05	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7439-97-6	Mercury	0.56	N*	1	0.0080	0.015	mg/Kg	04/08/25 16:50	04/09/25 12:22	SW7471B	
7440-02-0	Nickel	20.4		1	0.094	2.09	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7440-09-7	Potassium	407		1	30.0	105	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7782-49-2	Selenium	0.35	U	1	0.35	1.05	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7440-22-4	Silver	0.69		1	0.054	0.52	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7440-23-5	Sodium	135		1	37.8	105	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7440-28-0	Thallium	0.92	J	1	0.46	2.09	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7440-62-2	Vanadium	27.0		1	0.28	2.09	mg/Kg	04/07/25 14:05	04/10/25 16:17	SW6010	SW3050
7440-66-6	Zinc	166		1	0.12	2.09	mg/Kg	04/07/25 14:05	04/10/25 16:17	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