

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-158-SB01	SDG No.:	Q1744
Lab Sample ID:	Q1744-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	90

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4480		1	2.64	5.47	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-36-0	Antimony	0.16	U	1	0.16	2.74	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-38-2	Arsenic	1.49		1	0.32	1.09	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-39-3	Barium	31.4		1	0.70	5.47	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-41-7	Beryllium	0.33	N	1	0.013	0.33	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-43-9	Cadmium	0.018	U	1	0.018	0.33	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-70-2	Calcium	1020		1	3.07	109	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-47-3	Chromium	8.24		1	0.059	0.55	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-48-4	Cobalt	3.89		1	0.063	1.64	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-50-8	Copper	12.3		1	0.52	1.09	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7439-89-6	Iron	9420		1	2.94	5.47	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7439-92-1	Lead	14.2		1	0.16	0.66	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7439-95-4	Magnesium	1190		1	3.75	109	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7439-96-5	Manganese	253		1	0.078	1.09	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7439-97-6	Mercury	0.020	N*	1	0.0080	0.014	mg/Kg	04/08/25 16:50	04/09/25 12:08	SW7471B	
7440-02-0	Nickel	7.46		1	0.099	2.19	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-09-7	Potassium	458		1	31.4	109	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7782-49-2	Selenium	0.36	U	1	0.36	1.09	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-22-4	Silver	0.32	J	1	0.057	0.55	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-23-5	Sodium	71.3	J	1	39.5	109	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-28-0	Thallium	0.48	U	1	0.48	2.19	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-62-2	Vanadium	11.4		1	0.30	2.19	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050
7440-66-6	Zinc	19.4		1	0.12	2.19	mg/Kg	04/07/25 14:05	04/10/25 14:15	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Texture:	Fine
Color After:	Colorless	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