

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-SB02	SDG No.:	Q1744
Lab Sample ID:	Q1744-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	56

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10900		1	4.10	8.50	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-36-0	Antimony	0.26	U	1	0.26	4.25	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-38-2	Arsenic	8.96		1	0.49	1.70	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-39-3	Barium	29.6		1	1.09	8.50	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-41-7	Beryllium	0.46	JN	1	0.020	0.51	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-43-9	Cadmium	0.027	U	1	0.027	0.51	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-70-2	Calcium	1440		1	4.76	170	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-47-3	Chromium	25.6		1	0.092	0.85	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-48-4	Cobalt	5.09		1	0.099	2.55	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-50-8	Copper	16.8		1	0.80	1.70	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7439-89-6	Iron	20800		1	4.57	8.50	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7439-92-1	Lead	291		1	0.26	1.02	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7439-95-4	Magnesium	2870		1	5.83	170	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7439-96-5	Manganese	123		1	0.12	1.70	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7439-97-6	Mercury	0.11	N*	1	0.012	0.022	mg/Kg	04/08/25 16:50	04/09/25 12:10	SW7471B	
7440-02-0	Nickel	14.4		1	0.15	3.40	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-09-7	Potassium	1600		1	48.8	170	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7782-49-2	Selenium	0.56	U	1	0.56	1.70	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-22-4	Silver	0.71	J	1	0.088	0.85	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-23-5	Sodium	475		1	61.4	170	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-28-0	Thallium	0.75	U	1	0.75	3.40	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-62-2	Vanadium	31.8		1	0.46	3.40	mg/Kg	04/07/25 14:05	04/10/25 14:19	SW6010	SW3050
7440-66-6	Zinc	47.4		1	0.19	3.40	mg/Kg	04/07/25 14:05	04/10/25 14:19	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