

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5720		1	2.36	4.90	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7440-36-0	Antimony	0.36	JN	1	0.15	2.45	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7440-38-2	Arsenic	9.73		1	0.28	0.98	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7440-39-3	Barium	46.1		1	0.63	4.90	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7440-41-7	Beryllium	0.60		1	0.012	0.29	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7440-43-9	Cadmium	0.26	J	1	0.016	0.29	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7440-70-2	Calcium	6270		1	2.74	98.0	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7440-47-3	Chromium	16.4		1	0.053	0.49	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7440-48-4	Cobalt	6.77		1	0.057	1.47	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7440-50-8	Copper	951		1	0.46	0.98	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7439-89-6	Iron	19200		1	2.64	4.90	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7439-92-1	Lead	207		1	0.15	0.59	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7439-95-4	Magnesium	1210		1	3.36	98.0	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7439-96-5	Manganese	613		1	0.070	0.98	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7439-97-6	Mercury	0.10		1	0.0070	0.016	mg/Kg	03/05/25 16:00	03/06/25 12:05	SW7471B	
7440-02-0	Nickel	16.9		1	0.088	1.96	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7440-09-7	Potassium	571		1	28.1	98.0	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7782-49-2	Selenium	0.32	U	1	0.32	0.98	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7440-22-4	Silver	0.051	U	1	0.051	0.49	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7440-23-5	Sodium	183	N	1	35.4	98.0	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7440-28-0	Thallium	0.80	J	1	0.43	1.96	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7440-62-2	Vanadium	21.3		1	0.27	1.96	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050
7440-66-6	Zinc	192		1	0.11	1.96	mg/Kg	03/05/25 10:05	03/13/25 14:27	SW6010	SW3050

Color Before:	Black	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