

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-172-SB02	SDG No.:	Q1415
Lab Sample ID:	Q1415-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7340		1	2.39	4.95	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7440-36-0	Antimony	0.15	UN	1	0.15	2.48	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7440-38-2	Arsenic	1.97		1	0.29	0.99	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7440-39-3	Barium	45.4		1	0.63	4.95	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7440-41-7	Beryllium	0.50		1	0.012	0.30	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7440-43-9	Cadmium	0.016	U	1	0.016	0.30	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7440-70-2	Calcium	869		1	2.77	99.1	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7440-47-3	Chromium	14.9		1	0.054	0.50	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7440-48-4	Cobalt	7.08		1	0.057	1.49	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7440-50-8	Copper	16.3		1	0.47	0.99	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7439-89-6	Iron	14200		1	2.67	4.95	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7439-92-1	Lead	8.95		1	0.15	0.60	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7439-95-4	Magnesium	2810		1	3.40	99.1	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7439-96-5	Manganese	175	N	1	0.070	0.99	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7439-97-6	Mercury	0.011	JN	1	0.0070	0.015	mg/Kg	02/25/25 13:30	02/26/25 11:43	SW7471B	
7440-02-0	Nickel	14.5		1	0.089	1.98	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7440-09-7	Potassium	929		1	28.4	99.1	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7782-49-2	Selenium	0.45	J	1	0.33	0.99	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7440-22-4	Silver	0.052	U	1	0.052	0.50	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7440-23-5	Sodium	76.7	J	1	35.8	99.1	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7440-28-0	Thallium	0.44	U	1	0.44	1.98	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7440-62-2	Vanadium	16.5		1	0.27	1.98	mg/Kg	02/24/25 12:05	03/07/25 11:28	SW6010	SW3050
7440-66-6	Zinc	32.6		1	0.11	1.98	mg/Kg	02/24/25 12:05	03/07/25 11:28	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