

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-163-SB01	SDG No.:	Q1415
Lab Sample ID:	Q1415-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6850		1	2.58	5.36	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7440-36-0	Antimony	0.16	UN	1	0.16	2.68	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7440-38-2	Arsenic	2.00		1	0.31	1.07	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7440-39-3	Barium	45.4		1	0.69	5.36	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7440-41-7	Beryllium	0.48		1	0.013	0.32	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7440-43-9	Cadmium	0.017	U	1	0.017	0.32	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7440-70-2	Calcium	978		1	3.00	107	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7440-47-3	Chromium	17.6		1	0.058	0.54	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7440-48-4	Cobalt	33.0		1	0.062	1.61	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7440-50-8	Copper	39.9		1	0.50	1.07	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7439-89-6	Iron	14400		1	2.88	5.36	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7439-92-1	Lead	10.6		1	0.16	0.64	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7439-95-4	Magnesium	2600		1	3.67	107	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7439-96-5	Manganese	181	N	1	0.076	1.07	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7439-97-6	Mercury	0.011	JN	1	0.0070	0.016	mg/Kg	02/25/25 13:30	02/26/25 11:36	SW7471B	
7440-02-0	Nickel	79.2		1	0.096	2.14	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7440-09-7	Potassium	870		1	30.7	107	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7782-49-2	Selenium	0.47	J	1	0.35	1.07	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7440-22-4	Silver	0.056	U	1	0.056	0.54	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7440-23-5	Sodium	78.7	J	1	38.7	107	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7440-28-0	Thallium	0.47	U	1	0.47	2.14	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7440-62-2	Vanadium	15.3		1	0.29	2.14	mg/Kg	02/24/25 12:05	03/07/25 11:16	SW6010	SW3050
7440-66-6	Zinc	34.4		1	0.12	2.14	mg/Kg	02/24/25 12:05	03/07/25 11:16	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