

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-SB01	SDG No.:	Q1415
Lab Sample ID:	Q1415-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6360		1	2.34	4.85	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7440-36-0	Antimony	0.15	UN	1	0.15	2.43	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7440-38-2	Arsenic	1.93		1	0.28	0.97	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7440-39-3	Barium	47.5		1	0.62	4.85	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7440-41-7	Beryllium	0.44		1	0.012	0.29	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7440-43-9	Cadmium	0.016	U	1	0.016	0.29	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7440-70-2	Calcium	1120		1	2.72	97.0	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7440-47-3	Chromium	13.8		1	0.052	0.49	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7440-48-4	Cobalt	7.65		1	0.056	1.46	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7440-50-8	Copper	19.3		1	0.46	0.97	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7439-89-6	Iron	13300		1	2.61	4.85	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7439-92-1	Lead	9.02		1	0.15	0.58	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7439-95-4	Magnesium	2670		1	3.33	97.0	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7439-96-5	Manganese	317	DN	2	0.14	1.94	mg/Kg	02/24/25 12:05	03/10/25 16:04	SW6010	SW3050
7439-97-6	Mercury	0.0070	UN	1	0.0070	0.016	mg/Kg	02/25/25 13:30	02/26/25 11:39	SW7471B	
7440-02-0	Nickel	13.9		1	0.087	1.94	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7440-09-7	Potassium	810		1	27.8	97.0	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7782-49-2	Selenium	0.32	U	1	0.32	0.97	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7440-22-4	Silver	0.050	U	1	0.050	0.49	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7440-23-5	Sodium	73.8	J	1	35.0	97.0	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7440-28-0	Thallium	0.43	U	1	0.43	1.94	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7440-62-2	Vanadium	24.3		1	0.26	1.94	mg/Kg	02/24/25 12:05	03/07/25 11:20	SW6010	SW3050
7440-66-6	Zinc	30.6		1	0.11	1.94	mg/Kg	02/24/25 12:05	03/07/25 11:20	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