

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5600		1	2.18	4.53	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7440-36-0	Antimony	0.14	UN	1	0.14	2.26	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7440-38-2	Arsenic	3.95		1	0.26	0.91	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7440-39-3	Barium	100	N	1	0.58	4.53	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7440-41-7	Beryllium	0.45	N	1	0.011	0.27	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7440-43-9	Cadmium	0.041	J	1	0.014	0.27	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7440-70-2	Calcium	16200		1	2.54	90.6	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7440-47-3	Chromium	19.4		1	0.049	0.45	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7440-48-4	Cobalt	8.72		1	0.053	1.36	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7440-50-8	Copper	64.1		1	0.43	0.91	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7439-89-6	Iron	16900		1	2.44	4.53	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7439-92-1	Lead	1050	N	1	0.14	0.54	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7439-95-4	Magnesium	3270		1	3.11	90.6	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7439-96-5	Manganese	227		1	0.064	0.91	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7439-97-6	Mercury	1.73	D	5	0.033	0.073	mg/Kg	03/10/25 09:25	03/11/25 09:48	SW7471B	
7440-02-0	Nickel	20.6		1	0.082	1.81	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7440-09-7	Potassium	1220	N	1	26.0	90.6	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7782-49-2	Selenium	0.30	UN	1	0.30	0.91	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7440-22-4	Silver	0.047	U	1	0.047	0.45	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7440-23-5	Sodium	291		1	32.7	90.6	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7440-28-0	Thallium	0.40	U	1	0.40	1.81	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7440-62-2	Vanadium	24.1		1	0.25	1.81	mg/Kg	03/07/25 09:20	03/13/25 15:55	SW6010	SW3050
7440-66-6	Zinc	139		1	0.10	1.81	mg/Kg	03/07/25 09:20	03/13/25 15:55	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