

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-101-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3670		1	2.47	5.13	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7440-36-0	Antimony	0.15	UN	1	0.15	2.57	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7440-38-2	Arsenic	1.35		1	0.30	1.03	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7440-39-3	Barium	29.0		1	0.66	5.13	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7440-41-7	Beryllium	0.31		1	0.012	0.31	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7440-43-9	Cadmium	0.016	U	1	0.016	0.31	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7440-70-2	Calcium	800		1	2.87	103	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7440-47-3	Chromium	8.63		1	0.055	0.51	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7440-48-4	Cobalt	3.73		1	0.060	1.54	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7440-50-8	Copper	12.8		1	0.48	1.03	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7439-89-6	Iron	7970		1	2.76	5.13	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7439-92-1	Lead	5.33		1	0.15	0.62	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7439-95-4	Magnesium	827		1	3.52	103	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7439-96-5	Manganese	60.0		1	0.073	1.03	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7439-97-6	Mercury	0.0060	U	1	0.0060	0.014	mg/Kg	03/05/25 16:00	03/06/25 11:58	SW7471B	
7440-02-0	Nickel	5.94		1	0.092	2.05	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7440-09-7	Potassium	331		1	29.5	103	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7782-49-2	Selenium	0.34	U	1	0.34	1.03	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7440-22-4	Silver	0.053	U	1	0.053	0.51	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7440-23-5	Sodium	49.7	JN	1	37.1	103	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7440-28-0	Thallium	0.45	U	1	0.45	2.05	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7440-62-2	Vanadium	9.71		1	0.28	2.05	mg/Kg	03/05/25 10:05	03/13/25 14:15	SW6010	SW3050
7440-66-6	Zinc	13.0		1	0.11	2.05	mg/Kg	03/05/25 10:05	03/13/25 14:15	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