

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	01/25/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	01/27/25
Client Sample ID:	B-110-SB02	SDG No.:	Q1194
Lab Sample ID:	Q1194-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	57

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9270		1	3.52	7.31	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-36-0	Antimony	0.22	U	1	0.22	3.65	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-38-2	Arsenic	77.8		1	0.42	1.46	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-39-3	Barium	80.4	N	1	0.94	7.31	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-41-7	Beryllium	1.08	N	1	0.018	0.44	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-43-9	Cadmium	1.32	*	1	0.023	0.44	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-70-2	Calcium	1780		1	4.09	146	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-47-3	Chromium	109	N	1	0.079	0.73	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-48-4	Cobalt	8.93		1	0.085	2.19	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-50-8	Copper	229	N	1	0.69	1.46	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7439-89-6	Iron	17400		1	3.93	7.31	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7439-92-1	Lead	330		1	0.22	0.88	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7439-95-4	Magnesium	3340		1	5.01	146	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7439-96-5	Manganese	165		1	0.10	1.46	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7439-97-6	Mercury	7.52	D	10	0.097	0.22	mg/Kg	01/27/25 13:05	01/27/25 18:52	SW7471B	
7440-02-0	Nickel	28.6		1	0.13	2.92	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-09-7	Potassium	1230	N	1	42.0	146	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7782-49-2	Selenium	0.48	UN	1	0.48	1.46	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-22-4	Silver	1.15		1	0.076	0.73	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-23-5	Sodium	649		1	52.8	146	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-28-0	Thallium	0.67	J	1	0.64	2.92	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-62-2	Vanadium	24.2	N	1	0.40	2.92	mg/Kg	01/28/25 11:30	01/29/25 12:19	SW6010	SW3050
7440-66-6	Zinc	385		1	0.16	2.92	mg/Kg	01/28/25 11:30	01/29/25 12:19	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