

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S04	SDG No.:	Q2832
Lab Sample ID:	Q2832-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6050		1	0.82	4.86	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7440-36-0	Antimony	2.55		1	0.21	2.43	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7440-38-2	Arsenic	14.0		1	0.19	0.97	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7440-39-3	Barium	137		1	0.71	4.86	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7440-41-7	Beryllium	0.90		1	0.024	0.29	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7440-43-9	Cadmium	2.65		1	0.023	0.29	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7440-70-2	Calcium	5510		1	10.8	97.2	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7440-47-3	Chromium	128	N	1	0.046	0.49	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7440-48-4	Cobalt	29.7		1	0.097	1.46	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7440-50-8	Copper	235		1	0.21	0.97	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7439-89-6	Iron	29500		1	3.88	4.86	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7439-92-1	Lead	250		1	0.13	0.58	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7439-95-4	Magnesium	3680		1	11.7	97.2	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7439-96-5	Manganese	326	*	1	0.14	0.97	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7439-97-6	Mercury	0.44	N*	1	0.0070	0.013	mg/Kg	08/13/25 10:30	08/13/25 15:08	7471B	
7440-02-0	Nickel	152		1	0.13	1.94	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7440-09-7	Potassium	934		1	26.9	97.2	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7782-49-2	Selenium	1.05		1	0.25	0.97	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7440-22-4	Silver	1.19		1	0.12	0.49	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7440-23-5	Sodium	295	N	1	17.3	97.2	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.94	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7440-62-2	Vanadium	57.2	N	1	0.24	1.94	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050
7440-66-6	Zinc	334		1	0.22	1.94	mg/Kg	08/12/25 13:05	08/13/25 17:33	6010D	SW3050

Color Before:	Dark 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