

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/23/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/23/25
Client Sample ID:	B-134-SB01	SDG No.:	Q2400
Lab Sample ID:	Q2400-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	83

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8720		1	0.89	5.28	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7440-36-0	Antimony	1.97	JN*	1	0.23	2.64	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7440-38-2	Arsenic	3.75	*	1	0.20	1.06	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7440-39-3	Barium	74.6		1	0.77	5.28	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7440-41-7	Beryllium	0.53	N	1	0.026	0.32	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7440-43-9	Cadmium	0.025	U	1	0.025	0.32	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7440-70-2	Calcium	53000	*	1	11.7	106	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7440-47-3	Chromium	31.3	N*	1	0.050	0.53	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7440-48-4	Cobalt	8.33	N	1	0.11	1.59	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7440-50-8	Copper	147	N*	1	0.23	1.06	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7439-89-6	Iron	17900	*	1	4.22	5.28	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7439-92-1	Lead	16.0		1	0.14	0.63	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7439-95-4	Magnesium	3990		1	12.7	106	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7439-96-5	Manganese	254	*	1	0.15	1.06	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7439-97-6	Mercury	0.015	J	1	0.0090	0.016	mg/Kg	06/24/25 15:35	06/26/25 11:00	7471B	
7440-02-0	Nickel	62.2	N*	1	0.14	2.11	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7440-09-7	Potassium	2790	N	1	29.3	106	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7782-49-2	Selenium	5.57	N*	1	0.28	1.06	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7440-22-4	Silver	0.44	JN*	1	0.13	0.53	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7440-23-5	Sodium	268	N	1	18.8	106	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.11	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7440-62-2	Vanadium	25.3	N	1	0.26	2.11	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	SW3050
7440-66-6	Zinc	40.6	N	1	0.12	2.11	mg/Kg	06/24/25 13:15	06/27/25 17:36	6010D	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