

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/01/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-207-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	52.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7580		1	1.45	8.65	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-36-0	Antimony	0.38	UN	1	0.38	4.32	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-38-2	Arsenic	7.70		1	0.33	1.73	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-39-3	Barium	70.4	N	1	1.26	8.65	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-41-7	Beryllium	0.55	N	1	0.043	0.52	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-43-9	Cadmium	0.35	J*	1	0.042	0.52	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-70-2	Calcium	7810		1	19.2	173	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-47-3	Chromium	27.8	N	1	0.081	0.87	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-48-4	Cobalt	9.82		1	0.17	2.59	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-50-8	Copper	56.1	N	1	0.38	1.73	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7439-89-6	Iron	22200		1	6.90	8.65	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7439-92-1	Lead	65.5		1	0.23	1.04	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7439-95-4	Magnesium	5230		1	20.8	173	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7439-96-5	Manganese	213		1	0.24	1.73	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7439-97-6	Mercury	0.21	N	1	0.014	0.026	mg/Kg	06/04/25 09:25	06/04/25 16:10	7471B	
7440-02-0	Nickel	24.7		1	0.23	3.46	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-09-7	Potassium	3720	N*	1	47.9	173	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7782-49-2	Selenium	0.93	J	1	0.45	1.73	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-22-4	Silver	1.26	N	1	0.21	0.87	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-23-5	Sodium	351	N*	1	30.8	173	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-28-0	Thallium	0.40	U	1	0.40	3.46	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-62-2	Vanadium	27.1		1	0.43	3.46	mg/Kg	06/04/25 10:20	06/05/25 20:41	6010D	SW3050
7440-66-6	Zinc	132	N	1	0.40	3.46	mg/Kg	06/04/25 10:20	06/05/25 20:41	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