

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-187-SB02	SDG No.:	Q2177
Lab Sample ID:	Q2177-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	62.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5970	*	1	1.26	7.51	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-36-0	Antimony	0.33	UN	1	0.33	3.76	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-38-2	Arsenic	1.00	J	1	0.28	1.50	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-39-3	Barium	5.38	JN*	1	1.10	7.51	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-41-7	Beryllium	0.29	J	1	0.038	0.45	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-43-9	Cadmium	0.19	J	1	0.036	0.45	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-70-2	Calcium	427	*	1	16.7	150	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-47-3	Chromium	8.68		1	0.071	0.75	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-48-4	Cobalt	3.45		1	0.15	2.25	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-50-8	Copper	6.86		1	0.33	1.50	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7439-89-6	Iron	9960	*	1	5.99	7.51	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7439-92-1	Lead	4.48		1	0.20	0.90	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7439-95-4	Magnesium	1580	*	1	18.0	150	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7439-96-5	Manganese	65.9		1	0.21	1.50	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7439-97-6	Mercury	0.060		1	0.010	0.019	mg/Kg	06/02/25 08:35	06/03/25 14:37	7471B	
7440-02-0	Nickel	8.35		1	0.20	3.00	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-09-7	Potassium	356	*	1	41.6	150	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7782-49-2	Selenium	0.39	U	1	0.39	1.50	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-22-4	Silver	0.18	U	1	0.18	0.75	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-23-5	Sodium	357	N*	1	26.7	150	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-28-0	Thallium	0.35	U	1	0.35	3.00	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-62-2	Vanadium	9.88		1	0.38	3.00	mg/Kg	06/02/25 13:05	06/10/25 21:40	6010D	SW3050
7440-66-6	Zinc	19.9	N	1	0.35	3.00	mg/Kg	06/02/25 13:05	06/10/25 21:40	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