

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-156-SB01	SDG No.:	Q2400
Lab Sample ID:	Q2400-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4700		1	0.90	5.33	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7440-36-0	Antimony	2.19	JN*	1	0.24	2.67	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7440-38-2	Arsenic	7.15	*	1	0.20	1.07	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7440-39-3	Barium	49.1		1	0.78	5.33	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7440-41-7	Beryllium	0.46	N	1	0.027	0.32	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7440-43-9	Cadmium	0.48		1	0.026	0.32	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7440-70-2	Calcium	2920	*	1	11.8	107	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7440-47-3	Chromium	10.6	N*	1	0.050	0.53	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7440-48-4	Cobalt	8.16	N	1	0.11	1.60	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7440-50-8	Copper	81.2	N*	1	0.24	1.07	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7439-89-6	Iron	18300	*	1	4.25	5.33	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7439-92-1	Lead	97.4		1	0.14	0.64	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7439-95-4	Magnesium	2290		1	12.8	107	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7439-96-5	Manganese	181	*	1	0.15	1.07	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7439-97-6	Mercury	0.73		1	0.0080	0.015	mg/Kg	06/24/25 15:35	06/26/25 10:57	7471B	
7440-02-0	Nickel	27.7	N*	1	0.14	2.13	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7440-09-7	Potassium	1070	N	1	29.5	107	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7782-49-2	Selenium	5.70	N*	1	0.28	1.07	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7440-22-4	Silver	0.84	N*	1	0.13	0.53	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7440-23-5	Sodium	180	N	1	19.0	107	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.13	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7440-62-2	Vanadium	23.5	N	1	0.27	2.13	mg/Kg	06/24/25 13:15	06/27/25 17:31	6010D	SW3050
7440-66-6	Zinc	102	N	1	0.12	2.13	mg/Kg	06/24/25 13:15	06/27/25 17:31	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