

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/11/25
Client Sample ID:	B-165-SB01	SDG No.:	Q2303
Lab Sample ID:	Q2303-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7950		1	0.87	5.20	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-36-0	Antimony	1.38	JN	1	0.23	2.60	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-38-2	Arsenic	4.45		1	0.20	1.04	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-39-3	Barium	130		1	0.76	5.20	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-41-7	Beryllium	0.57		1	0.026	0.31	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-43-9	Cadmium	0.080	J	1	0.025	0.31	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-70-2	Calcium	59800		1	11.5	104	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-47-3	Chromium	14.9	N	1	0.049	0.52	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-48-4	Cobalt	7.88		1	0.10	1.56	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-50-8	Copper	22.2	N	1	0.23	1.04	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7439-89-6	Iron	13000		1	4.15	5.20	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7439-92-1	Lead	70.7		1	0.14	0.62	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7439-95-4	Magnesium	8960		1	12.5	104	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7439-96-5	Manganese	231		1	0.15	1.04	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7439-97-6	Mercury	0.23		1	0.0090	0.016	mg/Kg	06/13/25 16:00	06/16/25 13:15	7471B	
7440-02-0	Nickel	19.3		1	0.14	2.08	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-09-7	Potassium	1050	N	1	28.8	104	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7782-49-2	Selenium	0.94	JN	1	0.27	1.04	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-22-4	Silver	0.55	N	1	0.13	0.52	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-23-5	Sodium	422		1	18.5	104	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.08	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-62-2	Vanadium	25.5	N	1	0.26	2.08	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-66-6	Zinc	88.1	N	1	0.11	2.08	mg/Kg	06/13/25 11:15	06/16/25 15:49	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