

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-170-SB03	SDG No.:	Q2303
Lab Sample ID:	Q2303-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4040		1	0.82	4.88	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-36-0	Antimony	1.33	JN	1	0.22	2.44	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-38-2	Arsenic	3.28		1	0.19	0.98	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-39-3	Barium	67.5		1	0.71	4.88	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-41-7	Beryllium	0.36		1	0.024	0.29	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-43-9	Cadmium	0.023	U	1	0.023	0.29	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-70-2	Calcium	9840		1	10.8	97.6	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-47-3	Chromium	14.4	N	1	0.046	0.49	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-48-4	Cobalt	5.81		1	0.098	1.46	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-50-8	Copper	19.8	N	1	0.22	0.98	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7439-89-6	Iron	10500		1	3.90	4.88	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7439-92-1	Lead	168		1	0.13	0.59	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7439-95-4	Magnesium	2640		1	11.7	97.6	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7439-96-5	Manganese	269		1	0.14	0.98	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7439-97-6	Mercury	0.90	D	2	0.015	0.026	mg/Kg	06/13/25 16:00	06/16/25 13:54	7471B	
7440-02-0	Nickel	15.6		1	0.13	1.95	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-09-7	Potassium	701	N	1	27.0	97.6	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7782-49-2	Selenium	1.13	N	1	0.25	0.98	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-22-4	Silver	3.24	N	1	0.12	0.49	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-23-5	Sodium	114		1	17.4	97.6	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-28-0	Thallium	0.36	J	1	0.23	1.95	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-62-2	Vanadium	11.5	N	1	0.24	1.95	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-66-6	Zinc	72.8	N	1	0.11	1.95	mg/Kg	06/13/25 11:15	06/16/25 15:53	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