

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S03	SDG No.:	Q2832
Lab Sample ID:	Q2832-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5880		1	0.81	4.85	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7440-36-0	Antimony	1.62	J	1	0.21	2.42	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7440-38-2	Arsenic	10.3		1	0.18	0.97	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7440-39-3	Barium	77.1		1	0.71	4.85	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7440-41-7	Beryllium	0.63		1	0.024	0.29	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7440-43-9	Cadmium	1.84		1	0.023	0.29	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7440-70-2	Calcium	5360		1	10.8	96.9	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7440-47-3	Chromium	27.4	N	1	0.046	0.49	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7440-48-4	Cobalt	13.7		1	0.097	1.45	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7440-50-8	Copper	130		1	0.21	0.97	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7439-89-6	Iron	22300		1	3.87	4.85	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7439-92-1	Lead	208		1	0.13	0.58	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7439-95-4	Magnesium	2870		1	11.6	96.9	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7439-96-5	Manganese	282	*	1	0.14	0.97	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7439-97-6	Mercury	0.49	N*	1	0.0070	0.013	mg/Kg	08/13/25 10:30	08/13/25 15:05	7471B	
7440-02-0	Nickel	44.9		1	0.13	1.94	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7440-09-7	Potassium	816		1	26.8	96.9	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7782-49-2	Selenium	0.68	J	1	0.25	0.97	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7440-22-4	Silver	0.95		1	0.12	0.49	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7440-23-5	Sodium	170	N	1	17.3	96.9	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.94	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7440-62-2	Vanadium	29.9	N	1	0.24	1.94	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050
7440-66-6	Zinc	220		1	0.22	1.94	mg/Kg	08/12/25 13:05	08/13/25 17:29	6010D	SW3050

Color Before: Dark 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