

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-S02	SDG No.:	Q2832
Lab Sample ID:	Q2832-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	94

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5370		1	0.84	5.02	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7440-36-0	Antimony	0.39	J	1	0.22	2.51	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7440-38-2	Arsenic	8.16		1	0.19	1.00	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7440-39-3	Barium	67.4		1	0.73	5.02	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7440-41-7	Beryllium	0.51		1	0.025	0.30	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7440-43-9	Cadmium	1.08		1	0.024	0.30	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7440-70-2	Calcium	4580		1	11.1	100	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7440-47-3	Chromium	17.8	N	1	0.047	0.50	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7440-48-4	Cobalt	8.23		1	0.10	1.51	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7440-50-8	Copper	71.0		1	0.22	1.00	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7439-89-6	Iron	18800		1	4.00	5.02	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7439-92-1	Lead	146		1	0.13	0.60	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7439-95-4	Magnesium	3450		1	12.0	100	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7439-96-5	Manganese	233	*	1	0.14	1.00	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7439-97-6	Mercury	0.35	N*	1	0.0080	0.014	mg/Kg	08/13/25 10:30	08/13/25 15:02	7471B	
7440-02-0	Nickel	21.6		1	0.13	2.01	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7440-09-7	Potassium	848		1	27.8	100	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7782-49-2	Selenium	0.57	J	1	0.26	1.00	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7440-22-4	Silver	0.77		1	0.12	0.50	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7440-23-5	Sodium	156	N	1	17.9	100	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	2.01	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7440-62-2	Vanadium	23.0	N	1	0.25	2.01	mg/Kg	08/12/25 13:05	08/13/25 17:25	6010D	SW3050
7440-66-6	Zinc	120		1	0.23	2.01	mg/Kg	08/12/25 13:05	08/13/25 17:25	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