

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-S01	SDG No.:	Q2832
Lab Sample ID:	Q2832-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4280		1	0.84	5.00	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7440-36-0	Antimony	3.49		1	0.22	2.50	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7440-38-2	Arsenic	4.25		1	0.19	1.00	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7440-39-3	Barium	49.3		1	0.73	5.00	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7440-41-7	Beryllium	0.38		1	0.025	0.30	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7440-43-9	Cadmium	0.67		1	0.024	0.30	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7440-70-2	Calcium	3530		1	11.1	100	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7440-47-3	Chromium	14.9	N	1	0.047	0.50	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7440-48-4	Cobalt	6.14		1	0.10	1.50	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7440-50-8	Copper	41.6		1	0.22	1.00	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7439-89-6	Iron	12900		1	3.99	5.00	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7439-92-1	Lead	176		1	0.13	0.60	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7439-95-4	Magnesium	2060		1	12.0	100	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7439-96-5	Manganese	184	*	1	0.14	1.00	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7439-97-6	Mercury	1.41	DN*5		0.037	0.067	mg/Kg	08/13/25 10:30	08/13/25 15:44	7471B	
7440-02-0	Nickel	15.2		1	0.13	2.00	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7440-09-7	Potassium	514		1	27.7	100	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7782-49-2	Selenium	0.30	J	1	0.26	1.00	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7440-22-4	Silver	0.55		1	0.12	0.50	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7440-23-5	Sodium	138	N	1	17.8	100	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	2.00	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7440-62-2	Vanadium	15.0	N	1	0.25	2.00	mg/Kg	08/12/25 13:05	08/14/25 12:59	6010D	SW3050
7440-66-6	Zinc	76.3		1	0.23	2.00	mg/Kg	08/12/25 13:05	08/14/25 12:59	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