

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/12/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S05	SDG No.:	Q2832
Lab Sample ID:	Q2832-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3310		1	0.79	4.68	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7440-36-0	Antimony	7.25		1	0.21	2.34	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7440-38-2	Arsenic	23.7		1	0.18	0.94	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7440-39-3	Barium	217		1	0.68	4.68	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7440-41-7	Beryllium	0.83		1	0.023	0.28	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7440-43-9	Cadmium	1.71		1	0.022	0.28	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7440-70-2	Calcium	4400		1	10.4	93.6	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7440-47-3	Chromium	40.4	N	1	0.044	0.47	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7440-48-4	Cobalt	7.36		1	0.094	1.40	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7440-50-8	Copper	206		1	0.21	0.94	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7439-89-6	Iron	35300		1	3.74	4.68	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7439-92-1	Lead	544		1	0.12	0.56	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7439-95-4	Magnesium	1030		1	11.2	93.6	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7439-96-5	Manganese	162	*	1	0.13	0.94	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7439-97-6	Mercury	0.70	N*	1	0.0080	0.015	mg/Kg	08/13/25 10:30	08/13/25 15:11	7471B	
7440-02-0	Nickel	26.0		1	0.12	1.87	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7440-09-7	Potassium	479		1	25.9	93.6	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7782-49-2	Selenium	2.73		1	0.24	0.94	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7440-22-4	Silver	1.19		1	0.11	0.47	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7440-23-5	Sodium	162	N	1	16.7	93.6	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.87	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7440-62-2	Vanadium	28.5	N	1	0.23	1.87	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050
7440-66-6	Zinc	118		1	0.22	1.87	mg/Kg	08/12/25 13:05	08/13/25 16:52	6010D	SW3050

Color Before:	Black	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