

Hit Summary Sheet SW-846

SDG No.: Q2832

Order ID: Q2832

Client: Portal Partners Tri-Venture

Project ID: Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TG-S01								
Q2832-01	TG-S01	SOIL	Aluminum	4280		0.84	5.00	mg/Kg
Q2832-01	TG-S01	SOIL	Antimony	3.49		0.22	2.50	mg/Kg
Q2832-01	TG-S01	SOIL	Arsenic	4.25		0.19	1.00	mg/Kg
Q2832-01	TG-S01	SOIL	Barium	49.3		0.73	5.00	mg/Kg
Q2832-01	TG-S01	SOIL	Beryllium	0.38		0.025	0.30	mg/Kg
Q2832-01	TG-S01	SOIL	Cadmium	0.67		0.024	0.30	mg/Kg
Q2832-01	TG-S01	SOIL	Calcium	3530		11.1	100	mg/Kg
Q2832-01	TG-S01	SOIL	Chromium	14.9		0.047	0.50	mg/Kg
Q2832-01	TG-S01	SOIL	Cobalt	6.14		0.10	1.50	mg/Kg
Q2832-01	TG-S01	SOIL	Copper	41.6		0.22	1.00	mg/Kg
Q2832-01	TG-S01	SOIL	Iron	12900		3.99	5.00	mg/Kg
Q2832-01	TG-S01	SOIL	Lead	176		0.13	0.60	mg/Kg
Q2832-01	TG-S01	SOIL	Magnesium	2060		12.0	100	mg/Kg
Q2832-01	TG-S01	SOIL	Manganese	184		0.14	1.00	mg/Kg
Q2832-01	TG-S01	SOIL	Mercury	1.41	D	0.037	0.067	mg/Kg
Q2832-01	TG-S01	SOIL	Nickel	15.2		0.13	2.00	mg/Kg
Q2832-01	TG-S01	SOIL	Potassium	514		27.7	100	mg/Kg
Q2832-01	TG-S01	SOIL	Selenium	0.30	J	0.26	1.00	mg/Kg
Q2832-01	TG-S01	SOIL	Silver	0.55		0.12	0.50	mg/Kg
Q2832-01	TG-S01	SOIL	Sodium	138		17.8	100	mg/Kg
Q2832-01	TG-S01	SOIL	Vanadium	15.0		0.25	2.00	mg/Kg
Q2832-01	TG-S01	SOIL	Zinc	76.3		0.23	2.00	mg/Kg
Client ID : TG-S02								
Q2832-03	TG-S02	SOIL	Aluminum	5370		0.84	5.02	mg/Kg
Q2832-03	TG-S02	SOIL	Antimony	0.39	J	0.22	2.51	mg/Kg
Q2832-03	TG-S02	SOIL	Arsenic	8.16		0.19	1.00	mg/Kg
Q2832-03	TG-S02	SOIL	Barium	67.4		0.73	5.02	mg/Kg
Q2832-03	TG-S02	SOIL	Beryllium	0.51		0.025	0.30	mg/Kg
Q2832-03	TG-S02	SOIL	Cadmium	1.08		0.024	0.30	mg/Kg
Q2832-03	TG-S02	SOIL	Calcium	4580		11.1	100	mg/Kg
Q2832-03	TG-S02	SOIL	Chromium	17.8		0.047	0.50	mg/Kg
Q2832-03	TG-S02	SOIL	Cobalt	8.23		0.10	1.51	mg/Kg
Q2832-03	TG-S02	SOIL	Copper	71.0		0.22	1.00	mg/Kg
Q2832-03	TG-S02	SOIL	Iron	18800		4.00	5.02	mg/Kg
Q2832-03	TG-S02	SOIL	Lead	146		0.13	0.60	mg/Kg
Q2832-03	TG-S02	SOIL	Magnesium	3450		12.0	100	mg/Kg
Q2832-03	TG-S02	SOIL	Manganese	233		0.14	1.00	mg/Kg

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Q2832-03	TG-S02	SOIL	Mercury	0.35		0.0080	0.014	mg/Kg
Q2832-03	TG-S02	SOIL	Nickel	21.6		0.13	2.01	mg/Kg
Q2832-03	TG-S02	SOIL	Potassium	848		27.8	100	mg/Kg
Q2832-03	TG-S02	SOIL	Selenium	0.57	J	0.26	1.00	mg/Kg
Q2832-03	TG-S02	SOIL	Silver	0.77		0.12	0.50	mg/Kg
Q2832-03	TG-S02	SOIL	Sodium	156		17.9	100	mg/Kg
Q2832-03	TG-S02	SOIL	Vanadium	23.0		0.25	2.01	mg/Kg
Q2832-03	TG-S02	SOIL	Zinc	120		0.23	2.01	mg/Kg
Client ID : TG-S03								
Q2832-05	TG-S03	SOIL	Aluminum	5880		0.81	4.85	mg/Kg
Q2832-05	TG-S03	SOIL	Antimony	1.62	J	0.21	2.42	mg/Kg
Q2832-05	TG-S03	SOIL	Arsenic	10.3		0.18	0.97	mg/Kg
Q2832-05	TG-S03	SOIL	Barium	77.1		0.71	4.85	mg/Kg
Q2832-05	TG-S03	SOIL	Beryllium	0.63		0.024	0.29	mg/Kg
Q2832-05	TG-S03	SOIL	Cadmium	1.84		0.023	0.29	mg/Kg
Q2832-05	TG-S03	SOIL	Calcium	5360		10.8	96.9	mg/Kg
Q2832-05	TG-S03	SOIL	Chromium	27.4		0.046	0.49	mg/Kg
Q2832-05	TG-S03	SOIL	Cobalt	13.7		0.097	1.45	mg/Kg
Q2832-05	TG-S03	SOIL	Copper	130		0.21	0.97	mg/Kg
Q2832-05	TG-S03	SOIL	Iron	22300		3.87	4.85	mg/Kg
Q2832-05	TG-S03	SOIL	Lead	208		0.13	0.58	mg/Kg
Q2832-05	TG-S03	SOIL	Magnesium	2870		11.6	96.9	mg/Kg
Q2832-05	TG-S03	SOIL	Manganese	282		0.14	0.97	mg/Kg
Q2832-05	TG-S03	SOIL	Mercury	0.49		0.0070	0.013	mg/Kg
Q2832-05	TG-S03	SOIL	Nickel	44.9		0.13	1.94	mg/Kg
Q2832-05	TG-S03	SOIL	Potassium	816		26.8	96.9	mg/Kg
Q2832-05	TG-S03	SOIL	Selenium	0.68	J	0.25	0.97	mg/Kg
Q2832-05	TG-S03	SOIL	Silver	0.95		0.12	0.49	mg/Kg
Q2832-05	TG-S03	SOIL	Sodium	170		17.3	96.9	mg/Kg
Q2832-05	TG-S03	SOIL	Vanadium	29.9		0.24	1.94	mg/Kg
Q2832-05	TG-S03	SOIL	Zinc	220		0.22	1.94	mg/Kg
Client ID : TG-S04								
Q2832-07	TG-S04	SOIL	Aluminum	6050		0.82	4.86	mg/Kg
Q2832-07	TG-S04	SOIL	Antimony	2.55		0.21	2.43	mg/Kg
Q2832-07	TG-S04	SOIL	Arsenic	14.0		0.19	0.97	mg/Kg
Q2832-07	TG-S04	SOIL	Barium	137		0.71	4.86	mg/Kg
Q2832-07	TG-S04	SOIL	Beryllium	0.90		0.024	0.29	mg/Kg
Q2832-07	TG-S04	SOIL	Cadmium	2.65		0.023	0.29	mg/Kg
Q2832-07	TG-S04	SOIL	Calcium	5510		10.8	97.2	mg/Kg

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Q2832-07	TG-S04	SOIL	Chromium	128		0.046	0.49	mg/Kg
Q2832-07	TG-S04	SOIL	Cobalt	29.7		0.097	1.46	mg/Kg
Q2832-07	TG-S04	SOIL	Copper	235		0.21	0.97	mg/Kg
Q2832-07	TG-S04	SOIL	Iron	29500		3.88	4.86	mg/Kg
Q2832-07	TG-S04	SOIL	Lead	250		0.13	0.58	mg/Kg
Q2832-07	TG-S04	SOIL	Magnesium	3680		11.7	97.2	mg/Kg
Q2832-07	TG-S04	SOIL	Manganese	326		0.14	0.97	mg/Kg
Q2832-07	TG-S04	SOIL	Mercury	0.44		0.0070	0.013	mg/Kg
Q2832-07	TG-S04	SOIL	Nickel	152		0.13	1.94	mg/Kg
Q2832-07	TG-S04	SOIL	Potassium	934		26.9	97.2	mg/Kg
Q2832-07	TG-S04	SOIL	Selenium	1.05		0.25	0.97	mg/Kg
Q2832-07	TG-S04	SOIL	Silver	1.19		0.12	0.49	mg/Kg
Q2832-07	TG-S04	SOIL	Sodium	295		17.3	97.2	mg/Kg
Q2832-07	TG-S04	SOIL	Vanadium	57.2		0.24	1.94	mg/Kg
Q2832-07	TG-S04	SOIL	Zinc	334		0.22	1.94	mg/Kg

Client ID : TG-S05

Q2832-09	TG-S05	SOIL	Aluminum	3310		0.79	4.68	mg/Kg
Q2832-09	TG-S05	SOIL	Antimony	7.25		0.21	2.34	mg/Kg
Q2832-09	TG-S05	SOIL	Arsenic	23.7		0.18	0.94	mg/Kg
Q2832-09	TG-S05	SOIL	Barium	217		0.68	4.68	mg/Kg
Q2832-09	TG-S05	SOIL	Beryllium	0.83		0.023	0.28	mg/Kg
Q2832-09	TG-S05	SOIL	Cadmium	1.71		0.022	0.28	mg/Kg
Q2832-09	TG-S05	SOIL	Calcium	4400		10.4	93.6	mg/Kg
Q2832-09	TG-S05	SOIL	Chromium	40.4		0.044	0.47	mg/Kg
Q2832-09	TG-S05	SOIL	Cobalt	7.36		0.094	1.40	mg/Kg
Q2832-09	TG-S05	SOIL	Copper	206		0.21	0.94	mg/Kg
Q2832-09	TG-S05	SOIL	Iron	35300		3.74	4.68	mg/Kg
Q2832-09	TG-S05	SOIL	Lead	544		0.12	0.56	mg/Kg
Q2832-09	TG-S05	SOIL	Magnesium	1030		11.2	93.6	mg/Kg
Q2832-09	TG-S05	SOIL	Manganese	162		0.13	0.94	mg/Kg
Q2832-09	TG-S05	SOIL	Mercury	0.70		0.0080	0.015	mg/Kg
Q2832-09	TG-S05	SOIL	Nickel	26.0		0.12	1.87	mg/Kg
Q2832-09	TG-S05	SOIL	Potassium	479		25.9	93.6	mg/Kg
Q2832-09	TG-S05	SOIL	Selenium	2.73		0.24	0.94	mg/Kg
Q2832-09	TG-S05	SOIL	Silver	1.19		0.11	0.47	mg/Kg
Q2832-09	TG-S05	SOIL	Sodium	162		16.7	93.6	mg/Kg
Q2832-09	TG-S05	SOIL	Vanadium	28.5		0.23	1.87	mg/Kg
Q2832-09	TG-S05	SOIL	Zinc	118		0.22	1.87	mg/Kg