

ANALYTICAL RESULTS SUMMARY

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : AMTRAK SAWTOOTH BRIDGES 2025

PORTAL PARTNERS TRI-VENTURE

c/o Gannett Fleming Inc. Transit and Rail System

207 Senate Avenue

Camp Hill, PA - 17011

Phone No: 610-650-8101

ORDER ID : Q2832

ATTENTION : Joseph Krupansky



Laboratory Certification ID # 20012





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2832

Client: Portal Partners Tri-Venture

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID:

0

Total Voc :

Total Concentration:

Hit Summary Sheet
SW-846

SDG No.: Q2832

Client: Portal Partners Tri-Venture

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q2832-08	TG-S04 TG-S04	TCLP	2-Butanone	6.60	J	0.98	25.0	ug/L
			Total Voc :	6.60				
			Total Concentration:	6.60				
Client ID: Q2832-10	TG-S05 TG-S05	TCLP	2-Butanone	5.70	J	0.98	25.0	ug/L
			Total Voc :	5.70				
			Total Concentration:	5.70				

Hit Summary Sheet SW-846

SDG No.: Q2832
Client: Portal Partners Tri-Venture

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TG-S01								
Q2832-01	TG-S01	SOIL	Naphthalene	480.000	J	120	910	ug/Kg
Q2832-01	TG-S01	SOIL	Phenanthrene	2,100.000		110	910	ug/Kg
Q2832-01	TG-S01	SOIL	Anthracene	500.000	J	180	910	ug/Kg
Q2832-01	TG-S01	SOIL	Fluoranthene	2,400.000		160	910	ug/Kg
Q2832-01	TG-S01	SOIL	Pyrene	2,000.000		190	910	ug/Kg
Q2832-01	TG-S01	SOIL	Benzo(a)anthracene	1,100.000		120	910	ug/Kg
Q2832-01	TG-S01	SOIL	Chrysene	1,100.000		110	910	ug/Kg
Q2832-01	TG-S01	SOIL	Benzo(b)fluoranthene	1,300.000		100	910	ug/Kg
Q2832-01	TG-S01	SOIL	Benzo(k)fluoranthene	560.000	J	120	910	ug/Kg
Q2832-01	TG-S01	SOIL	Benzo(a)pyrene	960.000		160	910	ug/Kg
Q2832-01	TG-S01	SOIL	Indeno(1,2,3-cd)pyrene	510.000	J	160	910	ug/Kg
Q2832-01	TG-S01	SOIL	Benzo(g,h,i)perylene	560.000	J	140	910	ug/Kg
Total Svoc :				13,570.00				
Q2832-01	TG-S01	SOIL	4H-Cyclopenta[def]phenanthrene *	420.000	J	0	0	ug/Kg
Q2832-01	TG-S01	SOIL	Benzo[e]pyrene *	670.000	J	0	0	ug/Kg
Q2832-01	TG-S01	SOIL	Butane, 2-methoxy-2-methyl- *	850.000	J	0	0	ug/Kg
Q2832-01	TG-S01	SOIL	n-Hexadecanoic acid *	1,100.000	J	0	0	ug/Kg
Total Tics :				3,040.00				
Total Concentration:				16,610.00				
Client ID : TG-S02								
Q2832-03	TG-S02	SOIL	Phenanthrene	1,400.000		110	900	ug/Kg
Q2832-03	TG-S02	SOIL	Anthracene	390.000	J	180	900	ug/Kg
Q2832-03	TG-S02	SOIL	Fluoranthene	2,100.000		160	900	ug/Kg
Q2832-03	TG-S02	SOIL	Pyrene	2,000.000		190	900	ug/Kg
Q2832-03	TG-S02	SOIL	Benzo(a)anthracene	1,100.000		120	900	ug/Kg
Q2832-03	TG-S02	SOIL	Chrysene	1,100.000		110	900	ug/Kg
Q2832-03	TG-S02	SOIL	Benzo(b)fluoranthene	1,300.000		100	900	ug/Kg
Q2832-03	TG-S02	SOIL	Benzo(k)fluoranthene	500.000	J	120	900	ug/Kg
Q2832-03	TG-S02	SOIL	Benzo(a)pyrene	930.000		160	900	ug/Kg
Q2832-03	TG-S02	SOIL	Indeno(1,2,3-cd)pyrene	510.000	J	150	900	ug/Kg
Q2832-03	TG-S02	SOIL	Benzo(g,h,i)perylene	610.000	J	140	900	ug/Kg
Total Svoc :				11,940.00				
Q2832-03	TG-S02	SOIL	Butane, 2-methoxy-2-methyl- *	880.000	J	0	0	ug/Kg
Q2832-03	TG-S02	SOIL	n-Hexadecanoic acid *	710.000	J	0	0	ug/Kg
Q2832-03	TG-S02	SOIL	unknown18,295 *	500.000	J	0	0	ug/Kg
Total Tics :				2,090.00				

Hit Summary Sheet SW-846

SDG No.: Q2832
Client: Portal Partners Tri-Venture

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				14,030.00				
Client ID : TG-S03								
Q2832-05	TG-S03	SOIL	Acenaphthylene	670.000	J	150	900	ug/Kg
Q2832-05	TG-S03	SOIL	Phenanthrene	1,600.000		110	900	ug/Kg
Q2832-05	TG-S03	SOIL	Anthracene	1,100.000		180	900	ug/Kg
Q2832-05	TG-S03	SOIL	Fluoranthene	4,700.000		160	900	ug/Kg
Q2832-05	TG-S03	SOIL	Pyrene	4,600.000		190	900	ug/Kg
Q2832-05	TG-S03	SOIL	Benzo(a)anthracene	2,900.000		120	900	ug/Kg
Q2832-05	TG-S03	SOIL	Chrysene	3,300.000		110	900	ug/Kg
Q2832-05	TG-S03	SOIL	Benzo(b)fluoranthene	4,500.000		100	900	ug/Kg
Q2832-05	TG-S03	SOIL	Benzo(k)fluoranthene	1,700.000		120	900	ug/Kg
Q2832-05	TG-S03	SOIL	Benzo(a)pyrene	2,500.000		160	900	ug/Kg
Q2832-05	TG-S03	SOIL	Indeno(1,2,3-cd)pyrene	1,700.000		150	900	ug/Kg
Q2832-05	TG-S03	SOIL	Dibenzo(a,h)anthracene	570.000	J	150	900	ug/Kg
Q2832-05	TG-S03	SOIL	Benzo(g,h,i)perylene	1,900.000		140	900	ug/Kg
Total Svoc :				31,740.00				
Q2832-05	TG-S03	SOIL	11H-Benzo[a]fluoren-11-one	*	410.000	J	0	ug/Kg
Q2832-05	TG-S03	SOIL	4H-Cyclopenta[def]phenanthrene	*	620.000	J	0	ug/Kg
Q2832-05	TG-S03	SOIL	Benzo[e]pyrene	*	3,000.000	J	0	ug/Kg
Q2832-05	TG-S03	SOIL	Benzophenone	*	460.000	J	0	ug/Kg
Q2832-05	TG-S03	SOIL	Butane, 2-methoxy-2-methyl-	*	1,100.000	J	0	ug/Kg
Q2832-05	TG-S03	SOIL	Fluoranthene, 2-methyl-	*	410.000	J	0	ug/Kg
Q2832-05	TG-S03	SOIL	Phenanthrene, 2-methyl-	*	560.000	J	0	ug/Kg
Total Tics :				6,560.00				
Total Concentration:				38,300.00				
Client ID : TG-S04								
Q2832-07	TG-S04	SOIL	Acenaphthylene	1,900.000		160	910	ug/Kg
Q2832-07	TG-S04	SOIL	Phenanthrene	2,000.000		110	910	ug/Kg
Q2832-07	TG-S04	SOIL	Anthracene	2,400.000		180	910	ug/Kg
Q2832-07	TG-S04	SOIL	Carbazole	590.000	J	170	910	ug/Kg
Q2832-07	TG-S04	SOIL	Fluoranthene	8,300.000		160	910	ug/Kg
Q2832-07	TG-S04	SOIL	Pyrene	7,600.000		190	910	ug/Kg
Q2832-07	TG-S04	SOIL	Benzo(a)anthracene	5,200.000		120	910	ug/Kg
Q2832-07	TG-S04	SOIL	Chrysene	5,700.000		110	910	ug/Kg
Q2832-07	TG-S04	SOIL	Benzo(b)fluoranthene	7,500.000		100	910	ug/Kg
Q2832-07	TG-S04	SOIL	Benzo(k)fluoranthene	2,800.000		120	910	ug/Kg
Q2832-07	TG-S04	SOIL	Benzo(a)pyrene	4,000.000		160	910	ug/Kg
Q2832-07	TG-S04	SOIL	Indeno(1,2,3-cd)pyrene	2,500.000		160	910	ug/Kg
Q2832-07	TG-S04	SOIL	Dibenzo(a,h)anthracene	880.000	J	150	910	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2832
Client: Portal Partners Tri-Venture

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2832-07	TG-S04	SOIL	Benzo(g,h,i)perylene	2,700.000		140	910	ug/Kg
Total Svoc :				54,070.00				
Q2832-07	TG-S04	SOIL	11H-Benzo[a]fluoren-11-one	*	460.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	4H-Cyclopenta[def]phenanthrene	*	1,300.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	7H-Benz[de]anthracen-7-one	*	570.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	9,10-Anthracenedione	*	480.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Anthracene, 2-methyl-	*	600.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Benz[a]anthracene, 7-methyl-	*	390.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Benzo[b]naphtho[2,1-d]thiophene	*	530.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Benzo[e]pyrene	*	4,800.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Benzophenone	*	460.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Butane, 2-methoxy-2-methyl-	*	1,400.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Cyclopenta(def)phenanthrenone	*	1,000.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Cyclopenta[cd]pyrene	*	520.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Naphthalene, 2-phenyl-	*	430.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Phenanthrene, 1,7-dimethyl-	*	670.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Phenanthrene, 1-methyl-	*	550.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Phenanthrene, 2,5-dimethyl-	*	1,100.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Phenanthrene, 2-methyl-	*	1,100.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Phenanthrene, 3,6-dimethyl-	*	390.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Pyrene, 1-methyl-	*	590.000	J	0	ug/Kg
Q2832-07	TG-S04	SOIL	Pyrene, 4-methyl-	*	510.000	J	0	ug/Kg
Total Tics :				17,850.00				
Total Concentration:				71,920.00				
Client ID : TG-S05								
Q2832-09	TG-S05	SOIL	Phenanthrene		890.000	J	110	ug/Kg
Q2832-09	TG-S05	SOIL	Fluoranthene		1,300.000		160	ug/Kg
Q2832-09	TG-S05	SOIL	Pyrene		1,200.000		200	ug/Kg
Q2832-09	TG-S05	SOIL	Benzo(a)anthracene		750.000	J	130	ug/Kg
Q2832-09	TG-S05	SOIL	Chrysene		950.000		110	ug/Kg
Q2832-09	TG-S05	SOIL	Benzo(b)fluoranthene		1,300.000		100	ug/Kg
Q2832-09	TG-S05	SOIL	Benzo(a)pyrene		630.000	J	160	ug/Kg
Q2832-09	TG-S05	SOIL	Indeno(1,2,3-cd)pyrene		460.000	J	160	ug/Kg
Q2832-09	TG-S05	SOIL	Benzo(g,h,i)perylene		560.000	J	140	ug/Kg
Total Svoc :				8,040.00				
Q2832-09	TG-S05	SOIL	Phenanthrene, 1-methyl-	*	420.000	J	0	ug/Kg
Q2832-09	TG-S05	SOIL	Benzophenone	*	480.000	J	0	ug/Kg
Q2832-09	TG-S05	SOIL	Butane, 2-methoxy-2-methyl-	*	1,800.000	J	0	ug/Kg
Q2832-09	TG-S05	SOIL	n-Hexadecanoic acid	*	1,100.000	J	0	ug/Kg
Total Tics :				3,800.00				



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Hit Summary Sheet
SW-846

SDG No.: Q2832
Client: Portal Partners Tri-Venture

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:					11,840.00			



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Hit Summary Sheet
SW-846

SDG No.: Q2832
Client: Portal Partners Tri-Venture

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				0.000				
Total Svoc :					0.00			
Total Concentration:					0.00			



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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
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Client ID :

Total Concentration: 0.000

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	Aroclor-1260	41.9	P	3.50	18.2	ug/kg
			Total Concentration:	41.900				
Client ID :	TG-S02							
Q2832-03	TG-S02	SOIL	Aroclor-1260	365	E	3.40	18.0	ug/kg
			Total Concentration:	365.000				
Client ID :	TG-S02DL							
Q2832-03DL	TG-S02DL	SOIL	Aroclor-1260	348	D	6.90	36.1	ug/kg
			Total Concentration:	348.000				
Client ID :	TG-S03							
Q2832-05	TG-S03	SOIL	Aroclor-1260	578	E	3.40	18.1	ug/kg
			Total Concentration:	578.000				
Client ID :	TG-S03DL							
Q2832-05DL	TG-S03DL	SOIL	Aroclor-1260	553	D	6.90	36.2	ug/kg
			Total Concentration:	553.000				
Client ID :	TG-S04							
Q2832-07	TG-S04	SOIL	Aroclor-1260	401	E	3.50	18.2	ug/kg
			Total Concentration:	401.000				
Client ID :	TG-S04DL							
Q2832-07DL	TG-S04DL	SOIL	Aroclor-1260	407	D	6.90	36.4	ug/kg
			Total Concentration:	407.000				



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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
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Client ID :

Total Concentration: 0.000

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

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
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

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
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

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								
Q2832-02	TG-S01	TCLP	Barium	755		72.8	500	ug/L
Q2832-02	TG-S01	TCLP	Cadmium	2.63	J	2.50	30.0	ug/L
Q2832-02	TG-S01	TCLP	Lead	78.2		11.5	60.0	ug/L
Client ID : TG-S02								
Q2832-04	TG-S02	TCLP	Barium	775		72.8	500	ug/L
Q2832-04	TG-S02	TCLP	Cadmium	5.96	J	2.50	30.0	ug/L
Q2832-04	TG-S02	TCLP	Lead	61.7		11.5	60.0	ug/L
Client ID : TG-S03								
Q2832-06	TG-S03	TCLP	Barium	537		72.8	500	ug/L
Q2832-06	TG-S03	TCLP	Cadmium	5.09	J	2.50	30.0	ug/L
Q2832-06	TG-S03	TCLP	Lead	78.1		11.5	60.0	ug/L
Client ID : TG-S04								
Q2832-08	TG-S04	TCLP	Barium	825		72.8	500	ug/L
Q2832-08	TG-S04	TCLP	Cadmium	5.67	J	2.50	30.0	ug/L
Q2832-08	TG-S04	TCLP	Chromium	14.4	J	10.6	50.0	ug/L
Q2832-08	TG-S04	TCLP	Lead	38.2	J	11.5	60.0	ug/L
Client ID : TG-S05								
Q2832-10	TG-S05	TCLP	Barium	408	J	72.8	500	ug/L
Q2832-10	TG-S05	TCLP	Lead	141		11.5	60.0	ug/L