

Hit Summary Sheet SW-846

SDG No.: Q1937

Order ID: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Project ID: Stan Hope

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : LARGE-PILE-A								
Q1937-01	LARGE-PILE-A	SOIL	Aluminum	6720		0.81	4.84	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Arsenic	1.76		0.18	0.97	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Barium	33.4		0.71	4.84	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Beryllium	1.17		0.024	0.29	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Cadmium	1.46		0.023	0.29	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Calcium	1190		10.8	96.8	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Chromium	1.78		0.046	0.48	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Cobalt	8.20		0.097	1.45	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Copper	23.9		0.21	0.97	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Iron	19100		3.86	4.84	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Lead	3.65		0.13	0.58	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Magnesium	1510		11.6	96.8	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Manganese	345		0.14	0.97	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Mercury	0.0080	J	0.0080	0.014	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Nickel	6.32		0.13	1.94	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Potassium	535		26.8	96.8	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Sodium	61.7	J	17.2	96.8	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Vanadium	8.07		0.24	1.94	mg/Kg
Q1937-01	LARGE-PILE-A	SOIL	Zinc	34.6		0.22	1.94	mg/Kg
Client ID : LARGE-PILE-B								
Q1937-03	LARGE-PILE-B	SOIL	Aluminum	5590		0.81	4.85	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Arsenic	1.72		0.18	0.97	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Barium	26.5		0.71	4.85	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Beryllium	1.16		0.024	0.29	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Cadmium	1.20		0.023	0.29	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Calcium	1130		10.8	96.9	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Chromium	1.96		0.046	0.49	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Cobalt	8.07		0.097	1.45	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Copper	26.0		0.21	0.97	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Iron	20700		3.87	4.85	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Lead	3.31		0.13	0.58	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Magnesium	1340		11.6	96.9	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Manganese	333		0.14	0.97	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Nickel	5.63		0.13	1.94	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Potassium	370		26.9	96.9	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Sodium	49.8	J	17.3	96.9	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Thallium	0.71	J	0.22	1.94	mg/Kg

Hit Summary Sheet
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SDG No.: Q1937

Order ID: Q1937

Client: Saxton Falls Sand and Gravel Co. Inc.

Project ID: Stan Hope

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1937-03	LARGE-PILE-B	SOIL	Vanadium	8.54		0.24	1.94	mg/Kg
Q1937-03	LARGE-PILE-B	SOIL	Zinc	33.3		0.22	1.94	mg/Kg
Client ID : LARGE-PILE-C								
Q1937-05	LARGE-PILE-C	SOIL	Aluminum	5270		0.78	4.64	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Arsenic	1.88		0.18	0.93	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Barium	25.7		0.68	4.64	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Beryllium	1.06		0.023	0.28	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Cadmium	1.74		0.022	0.28	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Calcium	1170		10.3	92.8	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Chromium	1.22		0.044	0.46	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Cobalt	10.9		0.093	1.39	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Copper	34.3		0.20	0.93	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Iron	20600		3.70	4.64	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Lead	3.70		0.12	0.56	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Magnesium	1160		11.1	92.8	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Manganese	371		0.13	0.93	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Nickel	7.65		0.12	1.86	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Potassium	279		25.7	92.8	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Sodium	37.1	J	16.5	92.8	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Thallium	0.76	J	0.21	1.86	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Vanadium	5.16		0.23	1.86	mg/Kg
Q1937-05	LARGE-PILE-C	SOIL	Zinc	28.8		0.21	1.86	mg/Kg
Client ID : LARGE-PILE-D								
Q1937-07	LARGE-PILE-D	SOIL	Aluminum	5880		0.73	4.31	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Arsenic	2.02		0.16	0.86	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Barium	32.1		0.63	4.31	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Beryllium	0.65		0.022	0.26	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Cadmium	0.028	J	0.021	0.26	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Calcium	1290		9.58	86.3	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Chromium	4.54		0.041	0.43	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Cobalt	6.12		0.086	1.29	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Copper	17.2		0.19	0.86	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Iron	14800		3.44	4.31	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Lead	9.44		0.11	0.52	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Magnesium	1320		10.4	86.3	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Manganese	241		0.12	0.86	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Nickel	6.49		0.11	1.73	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Potassium	343		23.9	86.3	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Silver	0.11	J	0.10	0.43	mg/Kg

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Project ID: Stan Hope

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1937-07	LARGE-PILE-D	SOIL	Sodium	57.3	J	15.4	86.3	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Thallium	0.41	J	0.20	1.73	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Vanadium	12.5		0.22	1.73	mg/Kg
Q1937-07	LARGE-PILE-D	SOIL	Zinc	33.4		0.20	1.73	mg/Kg
Client ID : LARGE-PILE-E								
Q1937-09	LARGE-PILE-E	SOIL	Aluminum	7770		0.80	4.75	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Arsenic	5.98		0.18	0.95	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Barium	38.3		0.69	4.75	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Beryllium	0.89		0.024	0.28	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Cadmium	0.44		0.023	0.28	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Calcium	1750		10.6	95.0	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Chromium	4.46		0.045	0.48	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Cobalt	8.35		0.095	1.43	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Copper	23.9		0.21	0.95	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Iron	18600		3.79	4.75	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Lead	19.0		0.12	0.57	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Magnesium	1670		11.4	95.0	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Manganese	318		0.13	0.95	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Mercury	0.029		0.0070	0.013	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Nickel	7.67		0.12	1.90	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Potassium	416		26.3	95.0	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Sodium	48.8	J	16.9	95.0	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Thallium	0.38	J	0.22	1.90	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Vanadium	11.2		0.24	1.90	mg/Kg
Q1937-09	LARGE-PILE-E	SOIL	Zinc	41.1		0.22	1.90	mg/Kg
Client ID : LARGE-PILE-F								
Q1937-11	LARGE-PILE-F	SOIL	Aluminum	8950		0.82	4.89	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Arsenic	2.59		0.19	0.98	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Barium	43.3		0.71	4.89	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Beryllium	0.84		0.024	0.29	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Cadmium	0.60		0.023	0.29	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Calcium	1620		10.8	97.8	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Chromium	6.96		0.046	0.49	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Cobalt	7.08		0.098	1.47	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Copper	21.0		0.22	0.98	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Iron	14500		3.90	4.89	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Lead	24.2		0.13	0.59	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Magnesium	1570		11.7	97.8	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Manganese	309		0.14	0.98	mg/Kg

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Client: Saxton Falls Sand and Gravel Co. Inc.

Project ID: Stan Hope

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1937-11	LARGE-PILE-F	SOIL	Mercury	0.033		0.0080	0.014	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Nickel	9.31		0.13	1.96	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Potassium	372		27.1	97.8	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Sodium	37.5	J	17.4	97.8	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Thallium	0.31	J	0.23	1.96	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Vanadium	15.4		0.24	1.96	mg/Kg
Q1937-11	LARGE-PILE-F	SOIL	Zinc	42.0		0.23	1.96	mg/Kg



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-A	SDG No.:	Q1937
Lab Sample ID:	Q1937-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6720		1	0.81	4.84	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.42	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7440-38-2	Arsenic	1.76		1	0.18	0.97	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7440-39-3	Barium	33.4	N	1	0.71	4.84	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7440-41-7	Beryllium	1.17		1	0.024	0.29	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7440-43-9	Cadmium	1.46		1	0.023	0.29	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7440-70-2	Calcium	1190	*	1	10.8	96.8	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7440-47-3	Chromium	1.78		1	0.046	0.48	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7440-48-4	Cobalt	8.20		1	0.097	1.45	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7440-50-8	Copper	23.9	N	1	0.21	0.97	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7439-89-6	Iron	19100		1	3.86	4.84	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7439-92-1	Lead	3.65		1	0.13	0.58	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7439-95-4	Magnesium	1510		1	11.6	96.8	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7439-96-5	Manganese	345		1	0.14	0.97	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7439-97-6	Mercury	0.0080	J	1	0.0080	0.014	mg/Kg	05/05/25 14:40	05/06/25 11:12	SW7471B	
7440-02-0	Nickel	6.32		1	0.13	1.94	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7440-09-7	Potassium	535	N	1	26.8	96.8	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.97	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.48	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7440-23-5	Sodium	61.7	J	1	17.2	96.8	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.94	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7440-62-2	Vanadium	8.07		1	0.24	1.94	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050
7440-66-6	Zinc	34.6		1	0.22	1.94	mg/Kg	05/05/25 10:15	05/09/25 16:23	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-B	SDG No.:	Q1937
Lab Sample ID:	Q1937-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	96.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5590		1	0.81	4.85	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.42	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7440-38-2	Arsenic	1.72		1	0.18	0.97	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7440-39-3	Barium	26.5	N	1	0.71	4.85	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7440-41-7	Beryllium	1.16		1	0.024	0.29	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7440-43-9	Cadmium	1.20		1	0.023	0.29	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7440-70-2	Calcium	1130	*	1	10.8	96.9	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7440-47-3	Chromium	1.96		1	0.046	0.49	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7440-48-4	Cobalt	8.07		1	0.097	1.45	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7440-50-8	Copper	26.0	N	1	0.21	0.97	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7439-89-6	Iron	20700		1	3.87	4.85	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7439-92-1	Lead	3.31		1	0.13	0.58	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7439-95-4	Magnesium	1340		1	11.6	96.9	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7439-96-5	Manganese	333		1	0.14	0.97	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7439-97-6	Mercury	0.0070	U	1	0.0070	0.013	mg/Kg	05/05/25 14:40	05/06/25 11:14	SW7471B	
7440-02-0	Nickel	5.63		1	0.13	1.94	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7440-09-7	Potassium	370	N	1	26.9	96.9	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.97	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.49	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7440-23-5	Sodium	49.8	J	1	17.3	96.9	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7440-28-0	Thallium	0.71	J	1	0.22	1.94	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7440-62-2	Vanadium	8.54		1	0.24	1.94	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050
7440-66-6	Zinc	33.3		1	0.22	1.94	mg/Kg	05/05/25 10:15	05/09/25 16:28	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-C	SDG No.:	Q1937
Lab Sample ID:	Q1937-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5270		1	0.78	4.64	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7440-36-0	Antimony	0.20	UN	1	0.20	2.32	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7440-38-2	Arsenic	1.88		1	0.18	0.93	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7440-39-3	Barium	25.7	N	1	0.68	4.64	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7440-41-7	Beryllium	1.06		1	0.023	0.28	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7440-43-9	Cadmium	1.74		1	0.022	0.28	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7440-70-2	Calcium	1170	*	1	10.3	92.8	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7440-47-3	Chromium	1.22		1	0.044	0.46	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7440-48-4	Cobalt	10.9		1	0.093	1.39	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7440-50-8	Copper	34.3	N	1	0.20	0.93	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7439-89-6	Iron	20600		1	3.70	4.64	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7439-92-1	Lead	3.70		1	0.12	0.56	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7439-95-4	Magnesium	1160		1	11.1	92.8	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7439-96-5	Manganese	371		1	0.13	0.93	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7439-97-6	Mercury	0.0070	U	1	0.0070	0.013	mg/Kg	05/05/25 14:40	05/06/25 11:16	SW7471B	
7440-02-0	Nickel	7.65		1	0.12	1.86	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7440-09-7	Potassium	279	N	1	25.7	92.8	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7782-49-2	Selenium	0.24	U	1	0.24	0.93	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7440-22-4	Silver	0.11	U	1	0.11	0.46	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7440-23-5	Sodium	37.1	J	1	16.5	92.8	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7440-28-0	Thallium	0.76	J	1	0.21	1.86	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7440-62-2	Vanadium	5.16		1	0.23	1.86	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050
7440-66-6	Zinc	28.8		1	0.21	1.86	mg/Kg	05/05/25 10:15	05/09/25 16:32	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-D	SDG No.:	Q1937
Lab Sample ID:	Q1937-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5880		1	0.73	4.31	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7440-36-0	Antimony	0.19	UN	1	0.19	2.16	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7440-38-2	Arsenic	2.02		1	0.16	0.86	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7440-39-3	Barium	32.1	N	1	0.63	4.31	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7440-41-7	Beryllium	0.65		1	0.022	0.26	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7440-43-9	Cadmium	0.028	J	1	0.021	0.26	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7440-70-2	Calcium	1290	*	1	9.58	86.3	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7440-47-3	Chromium	4.54		1	0.041	0.43	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7440-48-4	Cobalt	6.12		1	0.086	1.29	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7440-50-8	Copper	17.2	N	1	0.19	0.86	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7439-89-6	Iron	14800		1	3.44	4.31	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7439-92-1	Lead	9.44		1	0.11	0.52	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7439-95-4	Magnesium	1320		1	10.4	86.3	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7439-96-5	Manganese	241		1	0.12	0.86	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7439-97-6	Mercury	0.0080	U	1	0.0080	0.014	mg/Kg	05/05/25 14:40	05/06/25 11:19	SW7471B	
7440-02-0	Nickel	6.49		1	0.11	1.73	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7440-09-7	Potassium	343	N	1	23.9	86.3	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7782-49-2	Selenium	0.22	U	1	0.22	0.86	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7440-22-4	Silver	0.11	J	1	0.10	0.43	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7440-23-5	Sodium	57.3	J	1	15.4	86.3	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7440-28-0	Thallium	0.41	J	1	0.20	1.73	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7440-62-2	Vanadium	12.5		1	0.22	1.73	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050
7440-66-6	Zinc	33.4		1	0.20	1.73	mg/Kg	05/05/25 10:15	05/09/25 16:36	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-E	SDG No.:	Q1937
Lab Sample ID:	Q1937-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7770		1	0.80	4.75	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.38	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7440-38-2	Arsenic	5.98		1	0.18	0.95	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7440-39-3	Barium	38.3	N	1	0.69	4.75	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7440-41-7	Beryllium	0.89		1	0.024	0.28	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7440-43-9	Cadmium	0.44		1	0.023	0.28	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7440-70-2	Calcium	1750	*	1	10.6	95.0	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7440-47-3	Chromium	4.46		1	0.045	0.48	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7440-48-4	Cobalt	8.35		1	0.095	1.43	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7440-50-8	Copper	23.9	N	1	0.21	0.95	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7439-89-6	Iron	18600		1	3.79	4.75	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7439-92-1	Lead	19.0		1	0.12	0.57	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7439-95-4	Magnesium	1670		1	11.4	95.0	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7439-96-5	Manganese	318		1	0.13	0.95	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7439-97-6	Mercury	0.029		1	0.0070	0.013	mg/Kg	05/05/25 14:40	05/06/25 11:21	SW7471B	
7440-02-0	Nickel	7.67		1	0.12	1.90	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7440-09-7	Potassium	416	N	1	26.3	95.0	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.95	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7440-22-4	Silver	0.11	U	1	0.11	0.48	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7440-23-5	Sodium	48.8	J	1	16.9	95.0	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7440-28-0	Thallium	0.38	J	1	0.22	1.90	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7440-62-2	Vanadium	11.2		1	0.24	1.90	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050
7440-66-6	Zinc	41.1		1	0.22	1.90	mg/Kg	05/05/25 10:15	05/09/25 16:49	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LARGE-PILE-F	SDG No.:	Q1937
Lab Sample ID:	Q1937-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8950		1	0.82	4.89	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.44	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7440-38-2	Arsenic	2.59		1	0.19	0.98	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7440-39-3	Barium	43.3	N	1	0.71	4.89	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7440-41-7	Beryllium	0.84		1	0.024	0.29	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7440-43-9	Cadmium	0.60		1	0.023	0.29	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7440-70-2	Calcium	1620	*	1	10.8	97.8	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7440-47-3	Chromium	6.96		1	0.046	0.49	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7440-48-4	Cobalt	7.08		1	0.098	1.47	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7440-50-8	Copper	21.0	N	1	0.22	0.98	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7439-89-6	Iron	14500		1	3.90	4.89	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7439-92-1	Lead	24.2		1	0.13	0.59	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7439-95-4	Magnesium	1570		1	11.7	97.8	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7439-96-5	Manganese	309		1	0.14	0.98	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7439-97-6	Mercury	0.033		1	0.0080	0.014	mg/Kg	05/05/25 14:40	05/06/25 11:23	SW7471B	
7440-02-0	Nickel	9.31		1	0.13	1.96	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7440-09-7	Potassium	372	N	1	27.1	97.8	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.98	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.49	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7440-23-5	Sodium	37.5	J	1	17.4	97.8	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7440-28-0	Thallium	0.31	J	1	0.23	1.96	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7440-62-2	Vanadium	15.4		1	0.24	1.96	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050
7440-66-6	Zinc	42.0		1	0.23	1.96	mg/Kg	05/05/25 10:15	05/09/25 16:53	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/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

LAB CHRONICLE

OrderID:	Q1937	OrderDate:	5/1/2025 2:03:00 PM
Client:	Saxton Falls Sand and Gravel Co. Inc.	Project:	Stan Hope
Contact:	Rich Schindelar	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1937-01	LARGE-PILE-A	SOIL			05/01/25			05/01/25
			Mercury	7471B		05/05/25	05/06/25	
			Metals ICP-TAL	6010D		05/05/25	05/09/25	
Q1937-03	LARGE-PILE-B	SOIL			05/01/25			05/01/25
			Mercury	7471B		05/05/25	05/06/25	
			Metals ICP-TAL	6010D		05/05/25	05/09/25	
Q1937-05	LARGE-PILE-C	SOIL			05/01/25			05/01/25
			Mercury	7471B		05/05/25	05/06/25	
			Metals ICP-TAL	6010D		05/05/25	05/09/25	
Q1937-07	LARGE-PILE-D	SOIL			05/01/25			05/01/25
			Mercury	7471B		05/05/25	05/06/25	
			Metals ICP-TAL	6010D		05/05/25	05/09/25	
Q1937-09	LARGE-PILE-E	SOIL			05/01/25			05/01/25
			Mercury	7471B		05/05/25	05/06/25	
			Metals ICP-TAL	6010D		05/05/25	05/09/25	
Q1937-11	LARGE-PILE-F	SOIL			05/01/25			05/01/25
			Mercury	7471B		05/05/25	05/06/25	
			Metals ICP-TAL	6010D		05/05/25	05/09/25	