

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Saxton Falls Sand and Gravel Co. Inc. **SDG No.:** Q1937
Contract: SAXT01 **Lab Code:** CHEM **Case No.:** Q1937 **SAS No.:** Q1937
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	233000	255000	91	216000	294000	05/07/2025	13:21	LB135699
	Antimony	-1.02			-50	50	05/07/2025	13:21	LB135699
	Arsenic	-1.60			-20	20	05/07/2025	13:21	LB135699
	Barium	-1.29	6.0	22	-94	106	05/07/2025	13:21	LB135699
	Beryllium	1.26			-6	6	05/07/2025	13:21	LB135699
	Cadmium	-2.63	1.0	263	-5	7	05/07/2025	13:21	LB135699
	Calcium	225000	245000	92	208000	282000	05/07/2025	13:21	LB135699
	Chromium	54.1	52.0	104	42	62	05/07/2025	13:21	LB135699
	Cobalt	1.12			-30	30	05/07/2025	13:21	LB135699
	Copper	-2.32	2.0	116	-18	22	05/07/2025	13:21	LB135699
	Iron	94700	101000	94	85600	116500	05/07/2025	13:21	LB135699
	Lead	-2.88			-12	12	05/07/2025	13:21	LB135699
	Magnesium	239000	255000	94	216000	294000	05/07/2025	13:21	LB135699
	Manganese	7.87	7.0	112	-13	27	05/07/2025	13:21	LB135699
	Nickel	2.04	2.0	102	-38	42	05/07/2025	13:21	LB135699
	Potassium	0.38			0	0	05/07/2025	13:21	LB135699
	Selenium	-9.82			-20	20	05/07/2025	13:21	LB135699
	Silver	1.08			-10	10	05/07/2025	13:21	LB135699
	Sodium	35.9			0	0	05/07/2025	13:21	LB135699
	Thallium	7.75			-40	40	05/07/2025	13:21	LB135699
	Vanadium	2.40			-40	40	05/07/2025	13:21	LB135699
	Zinc	3.10			-40	40	05/07/2025	13:21	LB135699
ICSAB01	Aluminum	231000	247000	94	209000	285000	05/07/2025	13:25	LB135699
	Antimony	642	618	104	525	711	05/07/2025	13:25	LB135699
	Arsenic	117	104	112	88.4	120	05/07/2025	13:25	LB135699
	Barium	502	537	94	437	637	05/07/2025	13:25	LB135699
	Beryllium	528	495	107	420	570	05/07/2025	13:25	LB135699
	Cadmium	1070	972	110	826	1120	05/07/2025	13:25	LB135699
	Calcium	221000	235000	94	199000	271000	05/07/2025	13:25	LB135699
	Chromium	586	542	108	460	624	05/07/2025	13:25	LB135699
	Cobalt	523	476	110	404	548	05/07/2025	13:25	LB135699
	Copper	509	511	100	434	588	05/07/2025	13:25	LB135699
	Iron	90800	99300	91	84400	114500	05/07/2025	13:25	LB135699
	Lead	55.5	49.0	113	37	61	05/07/2025	13:25	LB135699
	Magnesium	235000	248000	95	210000	286000	05/07/2025	13:25	LB135699
	Manganese	512	507	101	430	584	05/07/2025	13:25	LB135699
	Nickel	1040	954	109	810	1100	05/07/2025	13:25	LB135699
	Potassium	-13.9			0	0	05/07/2025	13:25	LB135699
	Selenium	41.2	46.0	90	26	66	05/07/2025	13:25	LB135699
	Silver	197	201	98	170	232	05/07/2025	13:25	LB135699
	Sodium	-3.21			0	0	05/07/2025	13:25	LB135699
	Thallium	115	108	106	68	148	05/07/2025	13:25	LB135699

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Saxton Falls Sand and Gravel Co. Inc. **SDG No.:** Q1937
Contract: SAXT01 **Lab Code:** CHEM **Case No.:** Q1937 **SAS No.:** Q1937
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	501	491	102	417	565	05/07/2025	13:25	LB135699
	Zinc	1080	952	113	809	1095	05/07/2025	13:25	LB135699
ICSA	Aluminum	230000	255000	90	216000	294000	05/07/2025	13:30	LB135699
	Antimony	20.3			-50	50	05/07/2025	13:30	LB135699
	Arsenic	-42.7			-20	20	05/07/2025	13:30	LB135699
	Barium	-89.7	6.0	1495	-94	106	05/07/2025	13:30	LB135699
	Beryllium	1.20			-6	6	05/07/2025	13:30	LB135699
	Cadmium	-4.12	1.0	412	-5	7	05/07/2025	13:30	LB135699
	Calcium	230000	245000	94	208000	282000	05/07/2025	13:30	LB135699
	Chromium	52.2	52.0	100	42	62	05/07/2025	13:30	LB135699
	Cobalt	2.31			-30	30	05/07/2025	13:30	LB135699
	Copper	-2.06	2.0	103	-18	22	05/07/2025	13:30	LB135699
	Iron	90800	101000	90	85600	116500	05/07/2025	13:30	LB135699
	Lead	20.5			-12	12	05/07/2025	13:30	LB135699
	Magnesium	234000	255000	92	216000	294000	05/07/2025	13:30	LB135699
	Manganese	-109	7.0	1557	-13	27	05/07/2025	13:30	LB135699
	Nickel	2.72	2.0	136	-38	42	05/07/2025	13:30	LB135699
	Potassium	-854			0	0	05/07/2025	13:30	LB135699
	Selenium	24.3			-20	20	05/07/2025	13:30	LB135699
	Silver	13.5			-10	10	05/07/2025	13:30	LB135699
	Sodium	-1180			0	0	05/07/2025	13:30	LB135699
	Thallium	-0.080			-40	40	05/07/2025	13:30	LB135699
	Vanadium	7.53			-40	40	05/07/2025	13:30	LB135699
	Zinc	-8.22			-40	40	05/07/2025	13:30	LB135699
ICSAB	Aluminum	221000	247000	90	209000	285000	05/07/2025	13:34	LB135699
	Antimony	577	618	93	525	711	05/07/2025	13:34	LB135699
	Arsenic	159	104	153	88.4	120	05/07/2025	13:34	LB135699
	Barium	386	537	72	437	637	05/07/2025	13:34	LB135699
	Beryllium	527	495	106	420	570	05/07/2025	13:34	LB135699
	Cadmium	1070	972	110	826	1120	05/07/2025	13:34	LB135699
	Calcium	223000	235000	95	199000	271000	05/07/2025	13:34	LB135699
	Chromium	589	542	109	460	624	05/07/2025	13:34	LB135699
	Cobalt	517	476	109	404	548	05/07/2025	13:34	LB135699
	Copper	525	511	103	434	588	05/07/2025	13:34	LB135699
	Iron	89300	99300	90	84400	114500	05/07/2025	13:34	LB135699
	Lead	57.1	49.0	116	37	61	05/07/2025	13:34	LB135699
	Magnesium	226000	248000	91	210000	286000	05/07/2025	13:34	LB135699
	Manganese	389	507	77	430	584	05/07/2025	13:34	LB135699
	Nickel	1040	954	109	810	1100	05/07/2025	13:34	LB135699
	Potassium	-374			0	0	05/07/2025	13:34	LB135699
	Selenium	-24.2	46.0	53	26	66	05/07/2025	13:34	LB135699
	Silver	193	201	96	170	232	05/07/2025	13:34	LB135699

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Saxton Falls Sand and Gravel Co. Inc. **SDG No.:** Q1937
Contract: SAXT01 **Lab Code:** CHEM **Case No.:** Q1937 **SAS No.:** Q1937
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB	Sodium	-1190			0	0	05/07/2025	13:34	LB135699
	Thallium	115	108	106	68	148	05/07/2025	13:34	LB135699
	Vanadium	497	491	101	417	565	05/07/2025	13:34	LB135699
	Zinc	1050	952	110	809	1095	05/07/2025	13:34	LB135699
ICSA01	Aluminum	244000	255000	96	216000	294000	05/09/2025	13:25	LB135724
	Antimony	-3.14			-50	50	05/09/2025	13:25	LB135724
	Arsenic	5.25			-20	20	05/09/2025	13:25	LB135724
	Barium	1.93	6.0	32	-94	106	05/09/2025	13:25	LB135724
	Beryllium	1.34			-6	6	05/09/2025	13:25	LB135724
	Cadmium	-4.01	1.0	401	-5	7	05/09/2025	13:25	LB135724
	Calcium	230000	245000	94	208000	282000	05/09/2025	13:25	LB135724
	Chromium	55.8	52.0	107	42	62	05/09/2025	13:25	LB135724
	Cobalt	1.19			-30	30	05/09/2025	13:25	LB135724
	Copper	-3.94	2.0	197	-18	22	05/09/2025	13:25	LB135724
	Iron	101000	101000	100	85600	116500	05/09/2025	13:25	LB135724
	Lead	-0.13			-12	12	05/09/2025	13:25	LB135724
	Magnesium	243000	255000	95	216000	294000	05/09/2025	13:25	LB135724
	Manganese	6.20	7.0	89	-13	27	05/09/2025	13:25	LB135724
	Nickel	1.90	2.0	95	-38	42	05/09/2025	13:25	LB135724
	Potassium	-40.5			0	0	05/09/2025	13:25	LB135724
	Selenium	-7.90			-20	20	05/09/2025	13:25	LB135724
	Silver	0.32			-10	10	05/09/2025	13:25	LB135724
	Sodium	-19.2			0	0	05/09/2025	13:25	LB135724
	Thallium	9.21			-40	40	05/09/2025	13:25	LB135724
	Vanadium	0.68			-40	40	05/09/2025	13:25	LB135724
	Zinc	3.40			-40	40	05/09/2025	13:25	LB135724
ICSAB01	Aluminum	237000	247000	96	209000	285000	05/09/2025	13:59	LB135724
	Antimony	671	618	109	525	711	05/09/2025	13:59	LB135724
	Arsenic	119	104	114	88.4	120	05/09/2025	13:59	LB135724
	Barium	520	537	97	437	637	05/09/2025	13:59	LB135724
	Beryllium	515	495	104	420	570	05/09/2025	13:59	LB135724
	Cadmium	1050	972	108	826	1120	05/09/2025	13:59	LB135724
	Calcium	220000	235000	94	199000	271000	05/09/2025	13:59	LB135724
	Chromium	570	542	105	460	624	05/09/2025	13:59	LB135724
	Cobalt	521	476	110	404	548	05/09/2025	13:59	LB135724
	Copper	516	511	101	434	588	05/09/2025	13:59	LB135724
	Iron	91300	99300	92	84400	114500	05/09/2025	13:59	LB135724
	Lead	51.6	49.0	105	37	61	05/09/2025	13:59	LB135724
	Magnesium	233000	248000	94	210000	286000	05/09/2025	13:59	LB135724
	Manganese	513	507	101	430	584	05/09/2025	13:59	LB135724
	Nickel	1030	954	108	810	1100	05/09/2025	13:59	LB135724
	Potassium	-82.7			0	0	05/09/2025	13:59	LB135724

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Saxton Falls Sand and Gravel Co. Inc. **SDG No.:** Q1937
Contract: SAXT01 **Lab Code:** CHEM **Case No.:** Q1937 **SAS No.:** Q1937
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Selenium	50.0	46.0	109	26	66	05/09/2025	13:59	LB135724
	Silver	187	201	93	170	232	05/09/2025	13:59	LB135724
	Sodium	-84.6			0	0	05/09/2025	13:59	LB135724
	Thallium	109	108	101	68	148	05/09/2025	13:59	LB135724
	Vanadium	502	491	102	417	565	05/09/2025	13:59	LB135724
	Zinc	1090	952	114	809	1095	05/09/2025	13:59	LB135724
ICSA	Aluminum	236000	255000	92	216000	294000	05/09/2025	14:03	LB135724
	Antimony	-22.1			-50	50	05/09/2025	14:03	LB135724
	Arsenic	-39.8			-20	20	05/09/2025	14:03	LB135724
	Barium	-43.2	6.0	720	-94	106	05/09/2025	14:03	LB135724
	Beryllium	1.34			-6	6	05/09/2025	14:03	LB135724
	Cadmium	-2.70	1.0	270	-5	7	05/09/2025	14:03	LB135724
	Calcium	232000	245000	95	208000	282000	05/09/2025	14:03	LB135724
	Chromium	51.7	52.0	99	42	62	05/09/2025	14:03	LB135724
	Cobalt	0.032			-30	30	05/09/2025	14:03	LB135724
	Copper	-1.88	2.0	94	-18	22	05/09/2025	14:03	LB135724
	Iron	92500	101000	92	85600	116500	05/09/2025	14:03	LB135724
	Lead	4.28			-12	12	05/09/2025	14:03	LB135724
	Magnesium	235000	255000	92	216000	294000	05/09/2025	14:03	LB135724
	Manganese	-22.1	7.0	316	-13	27	05/09/2025	14:03	LB135724
	Nickel	-5.36	2.0	268	-38	42	05/09/2025	14:03	LB135724
	Potassium	-1800			0	0	05/09/2025	14:03	LB135724
	Selenium	133			-20	20	05/09/2025	14:03	LB135724
	Silver	1.69			-10	10	05/09/2025	14:03	LB135724
	Sodium	-2500			0	0	05/09/2025	14:03	LB135724
	Thallium	10.6			-40	40	05/09/2025	14:03	LB135724
	Vanadium	-8.62			-40	40	05/09/2025	14:03	LB135724
	Zinc	5.05			-40	40	05/09/2025	14:03	LB135724
ICSAB	Aluminum	230000	247000	93	209000	285000	05/09/2025	14:07	LB135724
	Antimony	630	618	102	525	711	05/09/2025	14:07	LB135724
	Arsenic	167	104	161	88.4	120	05/09/2025	14:07	LB135724
	Barium	412	537	77	437	637	05/09/2025	14:07	LB135724
	Beryllium	537	495	108	420	570	05/09/2025	14:07	LB135724
	Cadmium	1050	972	108	826	1120	05/09/2025	14:07	LB135724
	Calcium	224000	235000	95	199000	271000	05/09/2025	14:07	LB135724
	Chromium	581	542	107	460	624	05/09/2025	14:07	LB135724
	Cobalt	511	476	107	404	548	05/09/2025	14:07	LB135724
	Copper	531	511	104	434	588	05/09/2025	14:07	LB135724
	Iron	89400	99300	90	84400	114500	05/09/2025	14:07	LB135724
	Lead	20.5	49.0	42	37	61	05/09/2025	14:07	LB135724
	Magnesium	228000	248000	92	210000	286000	05/09/2025	14:07	LB135724
	Manganese	503	507	99	430	584	05/09/2025	14:07	LB135724

Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client: Saxton Falls Sand and Gravel Co. Inc. **SDG No.:** Q1937
Contract: SAXT01 **Lab Code:** CHEM **Case No.:** Q1937 **SAS No.:** Q1937
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB	Nickel	1040	954	109	810	1100	05/09/2025	14:07	LB135724
	Potassium	-1740			0	0	05/09/2025	14:07	LB135724
	Selenium	189	46.0	411	26	66	05/09/2025	14:07	LB135724
	Silver	191	201	95	170	232	05/09/2025	14:07	LB135724
	Sodium	-2530			0	0	05/09/2025	14:07	LB135724
	Thallium	135	108	125	68	148	05/09/2025	14:07	LB135724
	Vanadium	446	491	91	417	565	05/09/2025	14:07	LB135724
	Zinc	1080	952	113	809	1095	05/09/2025	14:07	LB135724