



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: FOWLER, BRIAN
APT. 17, 30 ALEXANDER AVE.
GENERAL DELIVERY
PINAWA MB R0E 1L0

Page: 1
Finalized Date: 10-JUN-2010
Account: KBS

CERTIFICATE TB10070686

Project: Little Steel Lake

P.O. No.:

This report is for 4 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 2-JUN-2010.

The following have access to data associated with this certificate:

BRIAN FOWLER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-TL42	Trace Level Au - 15 g AR	ICP-MS
ME-MS41	51 anal. aqua regia ICPMS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS TB10070686

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-TL42 Au ppm	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
LS-2010-4		2.02	<0.001	0.20	4.07	0.3	<0.2	<10	<10	0.47	0.02	3.90	0.05	6.80	43.1	506
LS-2010-5		0.53	0.004	6.21	0.68	21.6	<0.2	<10	<10	0.11	2.02	1.17	9.00	10.00	13.5	16
LS-2010-6		0.79	0.015	0.32	4.59	15.8	<0.2	<10	60	0.24	0.03	4.87	0.68	9.05	74.7	327
LS-2010-7		1.21	0.007	0.12	3.82	12.9	<0.2	<10	50	0.20	0.02	6.15	0.42	7.75	58.7	288



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Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
Sample Description															
LS-2010-4	0.43	81.2	6.67	12.65	0.21	0.09	0.01	0.046	0.03	2.8	40.2	4.97	763	0.12	0.04
LS-2010-5	<0.05	109.5	3.34	3.04	0.08	0.43	0.36	0.100	0.01	4.4	7.9	0.61	153	55.1	0.09
LS-2010-6	4.28	1440	7.93	14.05	0.31	0.12	<0.01	0.126	0.58	3.4	22.2	4.39	1340	0.48	0.05
LS-2010-7	3.20	615	6.52	13.70	0.24	0.11	<0.01	0.093	0.44	2.9	16.6	3.55	1320	0.35	0.05



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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
LS-2010-4		0.05	106.5	320	3.1	1.9	0.001	2.42	0.20	26.2	0.8	0.2	77.7	<0.01	0.05	0.3
LS-2010-5		<0.05	27.8	520	4260	0.4	0.003	2.80	2.31	3.1	6.0	0.3	46.6	<0.01	1.08	0.8
LS-2010-6		0.15	94.2	440	7.3	31.4	0.001	1.47	0.12	35.8	2.8	0.7	73.9	0.01	0.09	0.2
LS-2010-7		0.13	87.6	400	3.3	24.2	0.001	0.90	0.10	30.7	1.8	0.8	82.4	0.01	0.07	0.2



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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Ti	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
LS-2010-4		0.007	0.04	<0.05	198	0.07	4.03	90	3.6
LS-2010-5		<0.005	0.03	0.18	12	0.66	3.14	1060	15.9
LS-2010-6		0.298	0.15	<0.05	237	0.18	17.00	103	2.4
LS-2010-7		0.313	0.12	<0.05	218	0.27	17.20	75	2.3



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Method	CERTIFICATE COMMENTS
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).