



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: SILVER RANGE RESOURCES LTD.

C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

Page: 1

Finalized Date: 10-AUG-2012

Account: RANSIL

**CERTIFICATE WH12172346**

Project: Keg-Group 5

P.O. No.:

This report is for 21 Rock samples submitted to our lab in Whitehorse, YT, Canada on 23-JUL-2012.

The following have access to data associated with this certificate:

MATT DUMALA

JOAN MARIACHER

**SAMPLE PREPARATION**

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

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE

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ATTN: JOAN MARIACHER

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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.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS WH12172346**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M676412		1.13	0.013	23.3	0.51	14.1	30	0.52	109.0	0.02	0.14	11.70	0.2	21	1.89	16.9
M676413		0.81	0.009	13.85	3.71	127.0	270	3.76	13.20	0.03	1.65	44.5	1.5	9	11.25	2180
M676414		1.15	<0.005	8.88	2.25	47.4	60	3.11	16.85	0.01	0.26	11.70	0.2	19	8.33	49.8
M676415		1.80	<0.005	8.99	2.32	4.5	70	1.35	19.65	0.02	0.04	20.8	0.3	20	3.68	19.4
M676416		2.25	<0.005	3.23	3.91	21.0	70	2.18	1.01	0.01	1.25	17.05	0.5	9	5.17	47.9
M676417		1.87	0.030	>100	0.16	591	10	0.67	0.40	0.82	5.86	4.44	2.0	1	1.07	52.7
M676418		1.44	0.124	>100	1.80	3910	30	1.93	0.29	0.88	2.77	20.9	1.3	3	9.64	17.0
M676419		1.38	0.084	>100	0.43	2490	20	0.95	0.18	1.19	5.80	8.07	1.9	4	4.02	37.2
M676420		1.77	1.830	>100	1.13	>10000	30	2.89	0.38	1.25	3.43	16.65	1.8	3	23.1	54.7
M676421		0.92	<0.005	7.99	2.47	56.4	100	5.92	4.79	0.04	3.46	25.1	0.6	15	26.3	72.0
M676422		1.00	<0.005	6.04	3.19	63.2	70	3.34	6.71	0.02	0.55	32.3	0.6	8	10.20	111.5
M676423		1.34	<0.005	3.26	3.63	20.9	70	4.30	2.15	0.02	0.85	37.1	0.6	9	15.65	57.1
M676424		1.38	<0.005	1.55	2.31	24.9	130	7.49	1.35	0.04	0.16	22.6	0.2	13	47.8	25.5
M676425		0.43	0.006	48.4	1.81	72.7	190	5.50	47.8	0.03	14.80	18.05	2.7	16	18.90	1935
M676426		0.61	0.007	52.4	1.89	81.2	180	6.43	46.9	0.03	8.63	20.7	1.1	13	20.8	1310
M676427		0.68	<0.005	13.80	2.11	96.1	220	5.12	11.55	0.03	10.60	25.4	1.5	15	25.0	1160
M676428		1.39	0.012	23.1	1.82	142.5	170	4.71	18.30	0.03	4.78	19.40	1.5	12	17.40	2230
M676429		0.54	<0.005	5.00	1.59	9.3	210	12.80	1.67	0.07	97.4	7.97	0.9	25	36.6	174.5
M676430		0.79	<0.005	1.05	0.24	8.0	10	4.05	0.81	0.01	0.18	0.67	0.5	27	0.58	23.0
M676431		0.66	0.017	94.2	2.10	128.5	130	5.08	122.0	0.03	96.5	19.65	5.8	16	14.30	5080
M676432		0.88	<0.005	0.84	3.13	4.0	60	1.68	1.05	0.01	0.36	23.4	0.2	8	9.70	30.5



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Project: Keg-Group 5

**CERTIFICATE OF ANALYSIS WH12172346**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
M676412		0.51	1.67	<0.05	<0.1	0.542	0.30	6.5	19.9	0.04	38	6.34	0.01	0.4	0.9	80
M676413		2.27	14.80	0.07	1.2	2.37	1.63	25.1	90.1	0.12	117	0.93	0.04	8.6	1.1	530
M676414		0.87	7.75	<0.05	0.2	0.691	0.98	6.7	41.9	0.06	86	9.66	0.02	1.6	1.0	280
M676415		0.80	9.58	<0.05	0.7	0.204	1.24	9.8	22.3	0.07	71	27.9	0.02	3.2	1.2	160
M676416		4.07	16.00	0.06	0.5	7.16	0.75	8.9	94.3	0.06	190	1.65	0.02	4.1	1.0	270
M676417		12.75	11.30	0.22	<0.1	0.036	0.06	2.1	31.9	0.21	>100000	0.16	<0.01	0.4	2.3	20
M676418		4.68	11.20	0.07	0.4	0.056	0.71	10.4	105.0	0.15	>100000	1.12	0.01	2.3	1.4	140
M676419		9.21	11.90	0.13	0.1	0.014	0.16	4.0	83.5	0.27	>100000	1.62	0.01	0.5	1.7	30
M676420		5.04	10.35	0.08	0.2	0.056	0.48	7.7	92.8	0.11	>100000	6.43	0.01	0.8	1.8	170
M676421		1.83	9.75	<0.05	0.7	2.27	0.73	11.9	148.5	0.06	1410	0.76	0.03	4.0	1.7	170
M676422		5.86	12.65	0.08	0.8	11.70	0.87	16.3	201	0.07	598	0.64	0.02	4.9	1.2	290
M676423		4.52	16.25	0.10	0.8	2.85	0.89	18.7	219	0.08	272	3.12	0.02	6.0	1.3	230
M676424		1.29	8.76	0.05	0.7	2.36	0.70	11.0	133.0	0.05	154	0.48	0.03	4.0	0.5	180
M676425		3.05	7.31	0.05	0.5	34.1	0.58	9.2	177.5	0.04	124	0.39	0.03	3.1	1.1	120
M676426		1.85	6.52	0.06	0.6	10.80	0.76	10.2	115.5	0.04	109	0.35	0.04	3.2	0.9	130
M676427		2.32	7.80	0.12	0.7	7.94	0.90	12.7	96.2	0.05	98	0.74	0.04	3.9	1.7	100
M676428		2.85	6.37	0.11	0.7	5.67	0.72	10.0	113.0	0.04	92	0.74	0.03	4.1	1.6	130
M676429		0.61	7.76	<0.05	0.1	3.06	0.38	3.8	111.0	0.03	97	0.34	0.06	1.0	3.4	30
M676430		0.63	1.08	<0.05	<0.1	0.075	0.06	<0.5	30.1	0.01	134	0.20	<0.01	0.1	1.0	10
M676431		5.72	7.74	0.05	0.5	60.5	0.59	10.0	166.0	0.05	277	0.50	0.03	3.8	2.4	210
M676432		0.97	10.45	0.05	0.7	2.55	1.24	11.2	75.3	0.08	82	1.41	0.03	3.1	0.6	120



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**CERTIFICATE OF ANALYSIS WH12172346**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M676412		634	29.7	<0.002	0.06	5.31	0.3	1	4.1	4.1	<0.05	0.71	1.7	0.007	0.49	0.8
M676413		6790	250	<0.002	1.23	67.6	3.0	2	176.5	24.2	0.95	0.09	18.2	0.088	4.63	4.1
M676414		2330	121.0	<0.002	0.13	7.29	0.6	1	19.5	5.8	0.17	0.13	7.8	0.017	1.84	2.6
M676415		440	132.5	<0.002	0.03	2.00	1.0	1	7.0	6.6	0.37	0.16	8.5	0.027	1.11	2.8
M676416		729	125.0	<0.002	0.12	10.95	1.7	1	93.7	7.4	0.47	<0.05	5.7	0.055	2.28	1.9
M676417		>10000	6.5	<0.002	3.28	1305	0.3	2	163.5	2.1	<0.05	<0.05	0.3	<0.005	0.85	0.6
M676418		3460	90.8	<0.002	0.39	161.5	0.9	1	13.6	7.4	0.36	<0.05	4.4	0.033	1.67	2.5
M676419		7660	22.2	<0.002	0.64	384	0.2	1	21.8	5.3	0.05	<0.05	0.7	<0.005	0.39	0.6
M676420		889	81.4	<0.002	1.73	566	0.6	1	8.2	27.9	0.12	<0.05	1.6	0.013	1.77	5.1
M676421		1030	132.0	<0.002	0.19	11.35	1.6	1	51.7	19.2	0.43	<0.05	7.1	0.055	2.31	3.0
M676422		907	131.5	<0.002	0.12	12.30	1.8	1	60.8	19.1	0.55	<0.05	10.7	0.070	2.55	2.5
M676423		422	146.0	<0.002	0.09	12.50	2.5	1	73.7	12.9	0.70	<0.05	9.5	0.087	2.95	3.0
M676424		313	134.5	<0.002	0.11	6.57	1.3	<1	58.6	25.2	0.44	<0.05	6.6	0.054	2.16	2.2
M676425		770	98.7	<0.002	1.80	31.9	1.0	1	281	19.0	0.33	0.25	4.3	0.040	3.87	1.3
M676426		1750	107.0	<0.002	1.45	60.8	0.8	2	235	22.9	0.33	0.28	5.9	0.032	6.78	2.8
M676427		806	115.5	0.003	1.66	48.6	1.0	1	135.0	21.2	0.43	0.08	6.7	0.043	7.41	3.0
M676428		1960	97.5	<0.002	2.22	97.1	1.0	1	231	18.9	0.46	0.07	5.5	0.042	8.80	2.0
M676429		164.5	73.6	<0.002	0.24	7.01	0.3	<1	16.2	54.5	0.10	<0.05	5.0	0.010	1.63	1.9
M676430		122.0	8.7	<0.002	0.01	1.22	0.3	<1	6.0	1.0	<0.05	<0.05	0.2	<0.005	0.16	0.4
M676431		3910	90.3	0.002	3.87	56.3	1.3	3	317	21.0	0.34	0.56	7.1	0.044	5.15	1.4
M676432		88.7	153.0	<0.002	0.07	1.18	0.8	<1	13.2	5.3	0.41	0.07	6.1	0.031	2.57	1.7



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
M676412		1	0.3	0.7	21	1.5			
M676413		9	6.3	2.9	170	40.9			
M676414		1	1.1	1.5	55	6.2			
M676415		2	0.8	1.8	44	22.4			
M676416		10	8.2	1.7	824	17.0			
M676417		<1	0.2	6.6	3350	3.7	1230	18.30	
M676418		<1	0.8	6.2	2130	15.5	108		
M676419		<1	0.4	4.8	5250	4.5	403		
M676420		<1	1.4	13.4	1760	6.7	231		
M676421		7	4.1	2.3	368	23.3			
M676422		9	7.0	2.3	883	28.3			
M676423		12	13.2	3.4	871	27.8			
M676424		7	7.2	1.7	105	19.2			
M676425		5	5.6	2.2	2740	14.9			
M676426		2	2.5	1.3	1720	15.8			
M676427		3	3.1	1.6	1240	21.5			
M676428		4	3.4	1.4	817	17.4			
M676429		2	0.6	2.3	2060	3.3			
M676430		2	0.2	0.2	152	<0.5			
M676431		10	8.2	1.2	>10000	14.7			1.970
M676432		6	0.9	1.5	124	18.9			



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Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.