



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: 20-AUG-2012

Account: RANSIL

**CERTIFICATE WH12180692**

Project: Keg-Group 4

P.O. No.:

This report is for 21 Rock samples submitted to our lab in Whitehorse, YT, Canada on 2-AUG-2012.

The following have access to data associated with this certificate:

MATT DUMALA

JOAN MARIACHER

HEATHER SMITH

**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-MS61	48 element four acid ICP-MS	

To: SILVER RANGE RESOURCES LTD.

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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Page: 2 - A  
Total # Pages: 2 (A - D)  
Plus Appendix Pages  
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**CERTIFICATE OF ANALYSIS WH12180692**

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
M676801		0.59	<0.005	0.49	8.19	3.7	780	1.21	0.21	8.80	0.21	74.3	51.4	126	2.58	379
M676802		0.69	<0.005	0.21	3.81	9.3	10	0.46	0.04	6.93	0.06	31.7	56.1	525	0.39	27.6
M676803		1.59	<0.005	0.33	3.02	12	370	0.42	0.17	13.10	0.20	38.6	36.5	105	1.98	261
M676804		0.60	<0.005	1.25	5.52	8	110	0.51	0.53	10.25	0.43	33.8	78.7	109	0.60	1365
M676806		0.95	0.010	1.59	6.55	<5	380	0.65	2.54	11.90	2.14	39.1	135.0	297	1.96	2160
M676807		0.94	0.017	2.43	3.26	<0.2	200	0.26	0.68	9.89	0.25	18.45	173.5	132	0.70	2680
M676808		0.61	0.005	1.01	2.00	<5	30	0.33	0.43	14.15	0.09	27.7	9.8	27	0.17	319
M676809		0.85	<0.005	0.32	5.45	5	350	0.50	0.14	11.65	0.16	27.2	65.3	225	1.86	388
M676810		0.58	<0.005	0.30	6.97	2.5	30	1.50	0.02	2.67	0.07	24.2	35.2	5	1.14	10.9
M676811		0.56	<0.005	0.36	6.46	0.9	90	1.13	0.09	7.35	0.14	100.5	33.1	65	0.90	141.5
M676812		1.11	<0.005	0.40	9.25	30	60	1.01	4.72	12.20	0.21	72.9	23.0	80	0.30	151.5
M676813		1.03	<0.005	0.21	0.64	11	140	0.15	0.10	19.90	0.15	11.40	22.4	4	1.28	273
M676757		1.82	<0.005	0.19	6.04	11.2	1370	1.88	0.15	5.65	0.29	63.7	8.5	97	5.10	15.3
M676758		1.76	<0.005	1.03	5.55	1.9	200	0.55	0.80	5.13	0.15	44.2	144.5	119	1.19	567
M676759		1.30	<0.005	1.04	6.66	5	470	0.44	0.90	12.25	1.43	35.0	37.3	278	1.76	1125
M676760		1.37	0.006	1.00	6.59	6	390	0.60	0.88	11.10	0.74	45.1	114.5	274	1.90	2060
M676761		1.34	<0.005	0.41	6.90	1.8	230	0.92	0.10	8.73	0.13	58.0	24.3	65	2.23	137.0
M676762		0.80	0.010	0.43	4.21	7	60	0.98	0.16	12.40	0.12	78.8	31.8	118	1.00	166.0
M676763		1.06	<0.005	0.11	4.98	16	70	0.90	0.02	10.65	0.05	33.0	28.9	63	9.16	9.0
M676764		1.28	<0.005	2.45	1.98	17	170	0.43	8.26	14.10	1.77	25.9	60.6	58	0.19	1245
M676765		0.99	<0.005	0.34	4.45	<5	70	0.78	0.11	12.95	0.21	76.5	27.6	238	0.57	154.5



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Page: 2 - B  
 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
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**CERTIFICATE OF ANALYSIS WH12180692**

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
M676801		9.70	19.35	0.20	2.3	0.097	1.86	37.7	10.5	3.38	978	1.97	0.14	40.8	104.5	1310
M676802		6.67	11.75	0.09	0.7	0.055	0.01	14.6	59.4	7.11	945	1.33	0.01	17.7	466	850
M676803		8.33	8.39	0.08	0.8	0.116	0.52	20.6	26.9	6.14	1700	4.05	0.23	9.5	90.5	120
M676804		12.75	12.05	0.21	1.7	0.124	0.50	14.3	14.1	3.07	1720	4.98	0.77	18.5	195.5	1280
M676806		13.40	14.90	0.22	1.9	0.159	0.60	19.7	25.2	1.92	1660	1.82	0.26	16.9	543	190
M676807		14.95	6.53	0.23	0.7	0.088	0.41	8.8	15.6	4.87	1620	4.32	0.17	8.1	297	210
M676808		8.81	8.55	0.10	1.7	0.164	0.05	13.2	6.1	6.35	1490	1.02	0.03	7.9	3.5	30
M676809		9.13	12.95	0.12	1.3	0.106	1.09	13.2	21.1	5.32	1560	1.02	0.29	13.6	179.0	450
M676810		8.00	13.10	0.23	1.2	0.038	0.16	10.1	31.6	10.00	319	0.66	0.17	56.6	59.0	2360
M676811		8.57	20.8	0.23	2.2	0.190	0.34	51.4	49.1	8.19	689	1.86	0.34	41.0	41.4	1630
M676812		8.02	26.0	0.19	7.1	0.415	0.06	29.7	40.8	5.42	1960	1.05	0.02	58.2	178.0	1700
M676813		6.99	2.53	<0.05	0.4	0.044	0.21	5.8	7.1	7.13	2090	0.84	0.01	2.1	32.2	150
M676757		2.63	14.60	0.10	2.2	0.046	2.79	37.2	10.8	1.40	302	2.26	0.10	16.6	42.5	970
M676758		18.15	11.70	0.30	1.6	0.083	0.79	20.6	21.9	1.93	1240	2.20	0.61	20.2	319	820
M676759		7.16	14.40	0.08	1.6	0.107	0.60	17.1	26.2	2.56	1480	1.31	0.89	16.1	97.9	330
M676760		10.75	14.35	0.18	1.8	0.112	0.85	22.0	30.7	3.61	1610	2.42	0.27	20.4	304	560
M676761		9.71	18.80	0.20	3.1	0.128	0.97	26.4	38.6	6.23	1500	3.59	0.24	39.6	82.4	1980
M676762		8.29	15.05	0.13	3.8	0.166	0.29	37.3	19.5	7.50	1160	3.47	0.06	49.6	34.8	1560
M676763		6.09	12.75	0.08	0.5	0.042	0.95	14.2	157.5	3.71	1020	1.45	0.02	20.1	54.0	1010
M676764		9.68	8.10	0.10	0.6	0.456	0.04	12.7	22.6	7.52	1330	15.55	0.01	5.0	46.1	140
M676765		7.29	12.60	0.13	1.5	0.147	0.70	39.8	24.2	5.79	1560	1.20	0.04	43.5	69.1	2140



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Page: 2 - C  
Total # Pages: 2 (A - D)  
Plus Appendix Pages  
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**CERTIFICATE OF ANALYSIS WH12180692**

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
M676801		5.4	77.7	0.002	2.56	0.33	25.3	4	2.5	161.5	2.32	0.05	6.4	1.250	0.22	1.6
M676802		1.9	0.8	<0.002	0.08	15.45	23.2	2	0.9	139.5	1.02	<0.05	1.4	0.682	<0.02	0.3
M676803		5.0	19.2	0.003	0.21	0.84	18.3	3	1.5	70.9	0.53	<0.05	0.7	0.413	0.13	0.5
M676804		2.9	11.1	0.004	5.54	0.46	26.0	4	1.7	99.8	1.12	0.15	1.4	0.803	0.04	1.2
M676806		5.8	26.1	0.005	5.40	0.43	29.0	6	20.3	153.0	0.98	0.08	1.3	0.776	0.11	0.7
M676807		7.3	10.9	0.003	8.25	0.28	12.2	7	0.8	69.1	0.48	0.24	1.0	0.382	0.04	0.4
M676808		5.1	1.2	0.002	0.18	0.40	42.5	5	8.6	17.4	0.54	0.13	1.0	0.382	<0.02	0.4
M676809		4.4	22.6	0.002	1.31	0.42	21.8	3	2.9	81.6	0.79	0.06	1.0	0.642	0.10	0.4
M676810		1.7	8.5	<0.002	0.04	0.17	17.8	5	1.4	41.3	3.41	<0.05	6.1	1.810	0.07	1.2
M676811		6.2	9.1	0.002	0.04	1.12	23.5	4	9.1	44.9	2.45	<0.05	3.1	1.475	0.06	1.7
M676812		3.1	1.8	<0.002	0.53	19.25	37.6	5	74.7	74.4	3.38	0.05	4.5	1.930	0.03	1.3
M676813		1.9	6.0	<0.002	1.51	2.75	6.4	3	0.3	141.5	0.10	0.05	0.2	0.070	0.03	0.6
M676757		7.3	125.5	<0.002	0.36	2.58	10.6	2	2.0	218	0.96	0.06	10.0	0.334	0.94	3.9
M676758		4.7	19.7	0.003	9.16	0.45	22.4	3	1.7	103.0	1.22	0.09	1.5	0.900	0.08	0.4
M676759		11.2	25.1	0.002	1.42	0.36	25.8	4	7.6	184.0	0.93	<0.05	1.2	0.737	0.13	0.6
M676760		8.2	24.4	0.005	3.41	0.39	23.8	6	8.8	128.0	1.24	0.10	1.5	0.854	0.13	0.8
M676761		2.7	25.3	0.003	0.27	0.28	28.7	4	3.1	130.0	2.36	0.05	3.5	1.440	0.12	0.9
M676762		1.6	8.4	0.005	0.65	0.41	24.2	5	4.4	50.2	2.89	0.07	4.4	1.225	0.10	1.8
M676763		1.9	62.2	<0.002	0.03	89.5	22.0	2	0.9	113.0	1.16	<0.05	1.6	0.812	0.36	0.3
M676764		43.9	1.7	0.002	0.05	2.42	7.2	6	137.5	37.3	0.23	0.17	0.3	0.179	0.10	0.6
M676765		6.1	20.3	<0.002	0.19	0.92	23.1	4	1.4	75.8	2.73	0.05	3.9	0.861	0.06	1.5



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Page: 2 - D  
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**CERTIFICATE OF ANALYSIS WH12180692**

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
M676801		225	1.7	29.8	81	76.0
M676802		159	1.6	13.3	43	19.2
M676803		109	0.4	13.3	66	28.4
M676804		201	0.8	20.3	36	67.0
M676806		217	1.4	17.5	151	59.9
M676807		129	0.3	12.1	37	29.2
M676808		187	0.7	25.1	27	87.3
M676809		168	0.4	13.4	44	57.5
M676810		148	0.4	29.5	21	55.1
M676811		314	1.5	35.9	61	69.4
M676812		352	1.4	38.9	444	265
M676813		51	0.1	7.8	40	18.2
M676757		423	1.2	26.5	113	86.5
M676758		199	0.3	14.6	53	51.1
M676759		201	1.0	16.7	126	59.4
M676760		200	0.9	15.5	79	62.7
M676761		275	1.4	31.1	45	119.0
M676762		237	0.5	32.6	23	163.5
M676763		176	0.5	17.7	27	13.9
M676764		65	14.9	14.3	129	24.9
M676765		188	0.8	20.3	25	58.0



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Page: Appendix 1  
Total # Appendix Pages: 1  
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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.