



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: 13-AUG-2012

Account: RANSIL

**CERTIFICATE WH12174522**

Project: Keg-Group 3

P.O. No.: Vent

This report is for 25 Rock samples submitted to our lab in Whitehorse, YT, Canada on 26-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-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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**CERTIFICATE OF ANALYSIS WH12174522**

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
M676542		8.35	<0.005	4.36	9.15	879	1780	1.57	0.50	0.14	1.31	54.4	1.6	22	7.58	58.3
M676543		9.23	<0.005	10.00	8.39	1680	1520	1.51	0.43	0.37	2.81	44.4	2.0	18	7.50	60.8
M676544		9.37	<0.005	14.80	8.73	2370	1430	1.66	3.87	0.04	2.50	41.9	0.7	21	8.91	76.6
M676545		7.92	<0.005	11.15	7.61	5730	1680	1.77	1.89	0.04	5.83	33.7	0.7	22	11.35	64.4
M676546		8.13	<0.005	34.3	7.84	4010	1490	2.00	1.82	0.11	4.22	45.8	0.4	21	9.74	115.0
M676547		8.40	<0.005	3.82	7.01	428	1210	1.60	1.11	0.33	5.18	60.7	2.0	62	6.89	58.4
M676548		7.49	<0.005	6.32	6.58	1895	1330	1.97	0.96	0.06	5.11	48.8	0.5	67	8.50	31.7
M676549		7.47	<0.005	2.46	6.90	344	1470	1.89	0.27	0.06	1.29	69.8	0.7	66	9.03	23.6
M676550		8.17	<0.005	3.95	7.02	284	1720	1.58	0.37	0.06	1.11	69.9	0.7	63	8.49	38.4
M676551		8.09	<0.005	3.17	7.09	280	1570	1.76	0.38	0.07	0.93	63.0	0.8	61	9.29	26.6
M676652		7.70	<0.005	2.17	7.82	148.0	1750	1.63	0.39	0.14	2.57	68.1	1.1	58	10.10	35.2
M676653		8.80	<0.005	1.57	8.07	201	1750	1.65	0.49	0.11	2.21	70.5	1.0	58	9.75	28.8
M676654		7.62	<0.005	3.71	7.08	437	1310	1.63	0.46	0.14	2.72	66.9	1.2	59	10.45	42.5
M676655		7.97	<0.005	0.98	6.77	109.5	1270	1.41	1.06	0.13	0.95	73.5	1.0	62	8.11	50.3
M676656		8.62	<0.005	1.16	7.26	65.5	1240	1.56	1.36	0.24	0.86	73.3	1.8	63	9.52	44.5
M676657		8.44	<0.005	1.51	7.53	63.6	1330	1.59	1.69	0.42	1.42	74.9	3.0	63	10.10	42.9
M676658		7.49	<0.005	1.70	7.51	93.4	1570	1.74	0.77	0.51	5.89	74.1	3.9	63	10.70	51.7
M676659		9.06	<0.005	1.85	7.11	206	1340	1.66	1.11	0.46	2.14	66.2	2.8	64	9.76	37.8
M676660		8.29	<0.005	5.54	6.94	485	1280	1.54	1.06	0.19	1.38	62.6	1.9	60	9.80	43.2
M676661		8.07	<0.005	3.01	6.76	336	1370	1.63	0.77	0.25	2.15	66.2	1.7	63	8.40	42.6
M676662		7.37	<0.005	2.48	7.18	284	1470	1.62	1.42	0.18	1.42	64.8	1.5	59	9.61	37.6
M676663		7.18	<0.005	4.65	7.11	633	1270	1.70	1.00	0.66	3.13	64.6	3.4	51	9.31	47.4
M676664		8.02	<0.005	4.94	7.36	536	1360	1.93	1.51	0.75	3.53	64.8	4.0	52	9.03	57.4
M676665		8.60	<0.005	8.21	7.51	868	1400	1.81	2.34	0.17	3.29	64.1	1.4	52	9.12	64.0
M676666		7.66	<0.005	2.78	7.79	1125	1630	1.97	0.32	0.59	5.70	72.9	4.0	64	10.35	39.5



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Project: Keg-Group 3

**CERTIFICATE OF ANALYSIS WH12174522**

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
M676542		2.89	22.0	0.18	3.2	0.038	3.87	26.3	25.3	0.45	136	1.91	0.11	12.9	26.6	480
M676543		3.51	20.3	0.24	3.0	0.031	3.74	22.3	23.1	0.41	132	1.84	0.25	11.9	23.2	430
M676544		3.27	21.5	0.23	2.9	0.056	3.47	20.5	21.4	0.49	100	2.40	0.05	12.4	15.9	410
M676545		4.16	21.1	0.23	3.0	0.317	3.28	15.7	18.9	0.39	74	2.17	0.03	12.1	19.2	400
M676546		3.87	22.1	0.25	3.1	0.109	3.46	22.5	20.9	0.54	87	5.20	0.08	12.7	3.8	460
M676547		2.87	21.0	0.21	1.4	0.034	1.97	32.3	45.6	1.00	184	3.33	0.08	9.4	29.3	490
M676548		2.22	20.8	0.20	1.3	0.114	2.99	23.2	35.9	0.53	73	5.28	0.04	8.2	8.5	520
M676549		1.41	20.5	0.18	1.3	0.029	3.22	36.4	45.5	0.66	85	4.44	0.02	7.1	29.3	550
M676550		1.50	21.4	0.19	1.2	0.035	3.23	37.7	48.8	0.82	98	3.18	0.03	7.0	55.0	520
M676651		1.41	22.0	0.19	1.4	0.036	3.43	33.0	45.9	0.92	113	3.23	0.05	8.0	34.7	450
M676652		1.95	20.6	0.14	1.4	0.034	3.78	37.1	39.2	1.08	90	3.05	0.05	7.6	51.0	530
M676653		1.81	21.0	0.15	1.6	0.043	3.66	39.6	41.0	1.10	115	3.70	0.04	8.8	40.0	530
M676654		2.47	19.80	0.17	1.8	0.032	3.30	37.3	37.4	1.00	104	3.98	0.05	8.7	38.3	570
M676655		2.64	19.25	0.17	1.8	0.028	2.81	41.0	36.3	1.23	134	3.36	0.07	9.7	36.6	630
M676656		2.45	20.0	0.19	1.9	0.042	3.01	40.6	43.3	1.27	130	3.13	0.05	9.6	41.1	650
M676657		2.35	21.7	0.19	2.0	0.056	3.17	41.4	44.0	1.27	137	2.92	0.06	10.4	40.3	680
M676658		2.07	21.3	0.18	2.1	0.035	3.34	41.2	47.9	1.27	137	2.70	0.07	10.1	43.5	620
M676659		2.09	19.85	0.21	2.1	0.039	2.78	36.8	44.0	1.13	154	3.16	0.08	10.9	39.7	610
M676660		2.14	19.65	0.23	2.0	0.077	2.75	34.7	42.5	1.04	130	3.08	0.05	10.6	40.7	550
M676661		2.35	19.25	0.18	2.1	0.032	2.58	37.6	40.6	1.04	145	3.57	0.08	10.8	46.2	560
M676662		2.25	20.2	0.17	2.2	0.054	3.02	36.6	40.5	0.99	126	5.94	0.05	10.3	37.8	550
M676663		2.36	19.80	0.18	2.3	0.058	2.72	36.7	40.8	1.13	139	4.95	0.09	10.7	35.9	550
M676664		2.58	20.6	0.21	2.3	0.076	3.10	35.9	42.5	1.07	146	7.46	0.13	9.8	29.4	600
M676665		2.60	21.4	0.20	2.3	0.057	3.21	35.5	39.8	0.83	129	4.69	0.10	10.1	27.8	520
M676666		2.11	22.5	0.20	2.4	0.046	3.61	40.3	53.5	1.01	151	4.83	0.16	10.3	32.7	470



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**CERTIFICATE OF ANALYSIS WH12174522**

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
M676542		686	244	0.004	0.06	341	18.1	10	18.2	90.8	1.06	0.09	15.9	0.378	3.13	4.3
M676543		618	249	0.003	0.16	307	17.5	12	26.8	94.2	0.98	0.08	15.5	0.358	3.49	4.0
M676544		1040	288	0.002	0.03	263	17.6	15	35.9	53.9	1.02	0.46	15.7	0.324	3.70	4.1
M676545		686	244	0.003	0.02	256	18.3	14	26.1	64.9	1.01	0.41	14.1	0.334	3.72	4.0
M676546		1590	297	0.002	0.04	266	19.7	23	44.4	47.1	1.05	0.31	16.4	0.342	3.89	4.1
M676547		165.0	118.0	0.002	0.14	65.7	15.2	12	10.1	91.0	0.68	0.09	12.0	0.292	1.77	2.8
M676548		773	191.5	0.002	0.07	584	12.5	10	19.5	76.3	0.58	0.15	10.6	0.228	2.85	3.3
M676549		300	191.5	0.002	0.04	560	11.1	5	7.2	93.8	0.51	0.07	12.2	0.203	2.33	3.4
M676550		124.5	181.5	0.003	0.06	219	10.6	6	3.7	100.5	0.49	0.08	12.3	0.187	2.11	3.3
M676651		137.0	186.0	0.002	0.06	321	10.3	5	8.5	97.0	0.58	0.10	11.9	0.204	2.12	3.0
M676652		41.7	175.0	0.005	0.12	29.9	11.0	5	4.7	72.8	0.59	0.07	12.9	0.222	2.35	2.9
M676653		114.0	204	0.007	0.09	155.5	11.0	5	9.3	96.7	0.63	0.09	12.7	0.231	2.65	3.2
M676654		144.5	195.0	0.004	0.15	121.0	11.4	6	12.9	74.3	0.64	0.09	13.1	0.237	2.63	3.6
M676655		60.9	138.5	0.004	0.14	11.05	11.0	8	8.3	100.5	0.72	0.08	13.2	0.264	2.07	3.7
M676656		68.2	148.5	0.004	0.16	8.38	11.4	6	8.0	79.0	0.69	0.07	13.1	0.259	1.87	3.6
M676657		105.5	156.5	0.004	0.23	12.15	11.9	6	8.7	75.9	0.77	0.09	13.9	0.270	2.05	3.7
M676658		97.7	165.5	0.006	0.24	17.90	11.9	5	7.6	81.6	0.75	0.08	13.8	0.271	2.39	3.7
M676659		298	163.5	0.005	0.23	23.7	11.7	7	12.2	55.9	0.79	0.09	13.0	0.292	2.50	4.0
M676660		627	167.0	0.006	0.12	46.5	12.2	21	26.1	41.8	0.80	0.12	13.1	0.283	2.48	4.0
M676661		223	152.5	0.005	0.11	39.6	11.9	7	12.5	50.0	0.79	0.07	12.7	0.287	2.48	4.2
M676662		223	176.0	0.006	0.11	60.0	12.3	7	13.3	54.1	0.77	0.10	13.0	0.277	2.65	4.0
M676663		282	171.0	0.007	0.29	81.4	13.1	8	19.1	63.6	0.80	0.40	13.0	0.284	2.51	3.9
M676664		556	185.0	0.010	0.30	100.5	15.0	10	19.3	79.1	0.76	0.13	13.5	0.283	2.56	4.0
M676665		525	210	0.006	0.09	488	14.5	12	41.5	64.0	0.77	0.98	13.7	0.274	2.99	3.6
M676666		273	206	0.007	0.34	242	13.8	6	26.8	85.3	0.77	0.10	13.3	0.285	3.73	3.7



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**CERTIFICATE OF ANALYSIS**    WH12174522

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		V	W	Y	Zn	Zr
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5
M676542		117	1.6	8.7	246	104.0
M676543		94	1.4	9.4	286	97.5
M676544		99	1.4	7.3	143	93.7
M676545		104	1.5	6.8	196	96.3
M676546		94	1.6	9.4	121	100.0
M676547		200	1.0	10.4	184	44.4
M676548		243	1.1	10.2	83	46.3
M676549		246	0.6	11.5	67	46.2
M676550		220	0.6	10.6	79	42.2
M676651		190	0.7	9.9	73	47.9
M676652		208	0.7	10.2	117	49.1
M676653		180	0.8	9.4	96	58.0
M676654		194	0.9	10.8	113	62.6
M676655		205	0.9	9.4	71	64.9
M676656		219	1.1	12.7	105	66.3
M676657		222	1.1	14.0	135	69.3
M676658		216	1.1	14.0	184	71.3
M676659		234	1.3	12.5	109	74.3
M676660		216	1.6	10.8	126	71.5
M676661		227	1.3	9.7	110	72.6
M676662		247	1.4	10.2	106	76.0
M676663		202	1.3	12.5	118	78.4
M676664		263	1.2	14.2	185	78.6
M676665		183	1.3	12.4	128	82.7
M676666		224	1.3	14.9	209	83.2

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