



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**

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Finalized Date: 9-AUG-2012  
Account: RANSIL

**CERTIFICATE WH12172345**

Project: Keg-Group 3

P.O. No.:

This report is for 24 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
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Pb-VOL70	Pb by Titration	
Sn-XRF05	Sn-Trace Level XRF Analysis	XRF

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 WH12172345**

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
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
L840568		0.29	<0.005	0.69	3.11	506	1180	1.06	1.21	3.90	35.1	42.9	6.6	29	3.04	99.6
L840569		0.38	0.290	>100	0.28	>10000	50	0.10	0.26	0.03	35.5	2.22	0.8	13	0.36	1380
L840570		0.34	0.123	>100	0.21	>10000	40	0.07	0.24	0.10	52.9	2.21	0.6	8	0.27	1090
L840571		1.45	<0.005	6.71	2.07	928	120	1.51	1.01	11.40	8.23	15.70	9.2	22	1.79	596
L840572		1.11	<0.005	1.83	3.31	429	670	1.74	1.21	10.85	59.0	41.2	6.9	31	4.39	343
L840573		0.71	<0.005	5.52	3.05	235	950	1.32	0.90	5.05	17.60	39.2	6.7	35	3.10	127.0
L840574		1.41	0.040	>100	0.29	754	20	0.15	15.80	0.07	11.50	2.18	0.8	11	0.21	2290
L840575		0.34	0.065	>100	0.18	139.5	30	0.11	28.0	0.03	25.5	8.06	2.5	8	0.65	9030
L840576		0.43	0.031	>100	1.79	346	810	0.40	21.9	0.15	5.59	19.95	0.5	65	1.35	>10000
L840578		0.56	0.012	>100	0.86	475	60	0.38	5.35	0.11	7.58	6.27	1.8	20	0.76	962
L840579		0.68	0.050	>100	0.55	1070	60	0.19	29.8	0.05	8.78	4.32	0.8	19	0.43	1995
L840580		1.19	0.031	>100	0.18	2080	30	0.07	15.05	0.02	4.90	1.45	0.8	21	0.19	1200
L840581		1.29	0.017	>100	0.71	1375	100	0.22	14.10	0.04	4.03	4.53	1.4	26	0.57	1110
L840582		0.50	0.020	>100	3.08	3310	1330	0.89	12.05	1.17	7.67	38.1	3.1	55	3.42	1910
L840583		2.56	0.099	>100	0.26	698	80	0.13	107.0	0.02	52.9	16.45	0.3	7	0.21	4720
L840584		2.05	0.021	>100	2.81	619	1690	0.55	6.46	0.78	5.28	27.5	2.1	58	2.84	3280
L840585		0.43	0.007	61.9	1.60	249	700	0.25	0.69	0.08	0.78	4.79	0.6	36	1.15	1295
L840586		0.88	<0.005	5.15	4.91	230	1380	1.31	0.53	2.51	14.05	61.3	7.7	39	4.21	48.3
L840587		0.86	<0.005	2.75	5.03	1370	710	2.90	0.59	1.12	50.9	51.0	11.9	37	7.35	156.5
L840588		2.56	<0.005	2.62	4.85	175.5	1290	1.58	1.03	2.46	19.70	65.8	5.6	43	5.26	56.7
L840589		0.18	0.114	>100	0.54	527	220	0.27	145.0	0.04	62.5	13.30	0.7	5	0.22	>10000
L840590		0.26	<0.005	9.68	2.02	2810	40	1.56	1.09	7.00	1.02	21.0	1.5	35	0.27	118.5
L840591		0.21	0.393	>100	0.27	1245	60	0.16	99.4	0.04	117.5	12.70	0.5	8	0.47	9420
L840599		0.36	<0.005	16.30	0.70	38.5	30	0.16	36.7	4.68	3.52	1.14	2.8	10	8.25	184.5



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Project: Keg-Group 3

**CERTIFICATE OF ANALYSIS WH12172345**

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
L840568		3.99	9.23	0.10	2.1	0.017	2.13	24.4	27.0	2.35	402	4.22	0.06	6.4	70.1	>10000
L840569		20.9	4.79	0.42	0.3	0.524	0.09	1.3	19.6	0.04	35	15.40	0.01	1.2	1.2	250
L840570		15.95	2.62	0.28	0.2	0.341	0.06	1.5	18.1	0.06	44	9.75	<0.01	0.8	1.9	240
L840571		5.15	8.55	0.09	1.3	0.066	0.25	9.0	57.3	9.93	1120	6.34	0.04	6.3	51.4	390
L840572		6.11	10.70	0.13	2.1	0.043	1.22	25.6	50.1	5.76	1540	3.26	0.04	10.1	103.0	1460
L840573		3.42	9.17	0.10	2.0	0.027	1.10	23.1	37.2	4.84	822	10.85	0.08	9.8	75.7	1170
L840574		3.10	1.38	0.40	0.1	0.346	0.02	1.5	55.5	0.04	62	6.71	0.01	0.2	13.7	350
L840575		4.63	1.74	0.67	0.1	1.045	0.04	6.4	10.5	0.02	26	16.80	<0.01	0.1	35.1	310
L840576		11.70	9.08	0.96	0.6	1.480	0.70	11.9	239	0.05	53	13.10	0.01	4.1	6.5	1330
L840578		4.20	2.05	0.10	0.3	0.136	0.09	3.6	151.5	0.07	89	4.11	0.03	0.9	23.7	1550
L840579		3.16	1.80	0.40	0.1	0.238	0.04	2.9	104.5	0.02	66	13.35	0.01	0.4	13.3	290
L840580		3.12	1.47	0.21	0.1	0.199	0.02	1.1	63.9	0.01	60	4.38	<0.01	0.2	11.7	560
L840581		4.98	2.98	0.22	0.3	0.222	0.11	3.0	170.0	0.03	88	7.51	0.01	1.1	15.7	1730
L840582		4.21	7.28	0.21	1.6	0.134	1.96	20.4	126.0	1.12	396	12.70	0.04	5.8	31.3	2000
L840583		3.08	1.65	1.75	0.1	0.681	0.03	9.9	33.2	0.01	32	8.50	<0.01	0.1	5.4	470
L840584		4.84	6.64	0.25	1.2	0.306	2.08	15.8	99.4	0.75	326	22.2	0.04	4.7	20.4	1360
L840585		9.14	7.46	0.15	1.0	0.169	0.52	2.8	69.8	0.89	393	74.6	0.01	4.8	9.3	480
L840586		4.40	13.00	0.12	2.4	0.029	2.22	29.1	47.8	2.90	824	6.48	0.60	9.7	93.8	390
L840587		10.50	9.53	0.20	2.1	0.026	1.93	24.7	51.1	1.66	724	11.00	0.08	6.8	191.0	750
L840588		3.05	10.60	0.13	2.7	0.024	2.49	29.8	39.3	2.58	566	2.52	0.20	9.6	109.0	450
L840589		3.95	0.91	1.33	<0.1	0.360	0.03	6.9	14.6	0.02	52	10.70	0.01	0.1	12.4	220
L840590		6.90	9.90	0.17	1.4	0.103	0.09	12.5	32.3	12.40	774	16.15	0.03	7.0	27.1	890
L840591		5.32	1.30	0.73	<0.1	0.309	0.08	7.9	20.2	0.04	70	9.30	<0.01	0.1	4.9	190
L840599		5.40	6.98	0.21	0.4	0.011	0.40	0.5	22.7	15.00	253	19.40	0.04	4.4	8.0	260



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**CERTIFICATE OF ANALYSIS WH12172345**

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
L840568		350	77.0	0.003	0.01	21.4	5.5	1	2.7	138.0	0.46	<0.05	6.1	0.145	0.86	11.0
L840569		>10000	6.9	0.002	0.36	373	6.7	17	27.3	2.3	0.06	0.25	1.9	0.018	0.15	1.2
L840570		>10000	4.2	<0.002	0.19	334	2.0	6	40.1	3.1	<0.05	0.26	0.6	0.011	0.15	0.8
L840571		696	12.6	0.004	0.04	17.00	5.9	4	10.7	85.6	0.40	0.19	3.2	0.104	0.19	5.7
L840572		1390	49.9	0.003	0.01	60.6	7.9	2	8.2	180.5	0.67	0.12	5.9	0.169	0.56	7.8
L840573		705	43.3	0.007	0.04	18.35	7.3	2	5.3	128.0	0.66	0.06	6.1	0.174	0.64	7.7
L840574		>10000	1.3	<0.002	1.29	779	0.6	109	>500	5.0	<0.05	1.54	0.3	0.007	0.57	1.9
L840575		>10000	3.9	<0.002	3.24	2420	0.9	185	>500	18.6	<0.05	6.52	0.3	<0.005	1.69	24.3
L840576		>10000	33.0	0.009	2.08	866	2.7	236	187.0	26.1	0.27	1.53	3.3	0.099	2.34	5.1
L840578		>10000	4.9	0.003	0.26	442	1.5	21	53.1	11.3	0.06	0.45	1.1	0.027	0.15	5.4
L840579		>10000	3.3	0.002	1.27	1260	1.0	116	424	7.6	<0.05	3.10	0.6	0.016	0.39	3.9
L840580		>10000	1.0	<0.002	0.84	555	0.3	58	>500	6.6	<0.05	0.94	0.3	0.006	0.35	1.1
L840581		>10000	6.3	<0.002	0.81	473	1.0	53	140.0	8.5	0.06	1.00	1.2	0.029	0.43	3.5
L840582		>10000	105.5	0.004	0.51	475	5.3	37	100.5	79.6	0.40	0.65	5.1	0.142	1.44	7.3
L840583		>10000	2.2	<0.002	7.77	2770	0.9	483	>500	41.6	<0.05	10.70	0.4	0.005	0.32	11.8
L840584		>10000	105.0	0.006	0.41	412	4.6	48	198.5	72.8	0.32	0.50	4.4	0.123	1.52	4.9
L840585		>10000	21.9	0.024	0.57	131.0	3.0	13	21.6	14.5	0.33	0.13	3.6	0.087	0.93	3.5
L840586		489	103.5	<0.002	0.04	31.6	7.0	3	9.1	182.0	0.63	<0.05	8.6	0.255	1.14	3.5
L840587		662	97.6	<0.002	0.02	119.0	6.8	6	5.6	89.2	0.49	0.05	6.9	0.196	1.08	12.1
L840588		612	109.5	<0.002	0.09	57.8	8.1	3	5.8	151.0	0.67	0.08	9.4	0.271	1.31	3.4
L840589		>10000	2.2	<0.002	4.62	2630	1.2	372	>500	16.6	<0.05	9.07	0.2	<0.005	0.89	19.6
L840590		1170	1.8	0.003	0.06	26.7	7.8	23	23.8	52.6	0.43	0.49	4.1	0.107	0.11	3.7
L840591		>10000	7.7	0.002	3.23	2760	0.8	199	>500	9.8	<0.05	3.87	0.3	0.005	0.79	17.3
L840599		1010	44.5	0.002	0.18	30.0	4.5	48	7.3	15.6	0.24	3.30	2.2	0.087	0.93	3.4



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**CERTIFICATE OF ANALYSIS WH12172345**

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	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Ag-GRA21 Ag ppm 5	Pb-VOL70 Pb % 0.01	Sn-XRF05 Sn ppm 5
L840568		320	0.4	37.6	2000	77.2						
L840569		135	0.5	0.8	542	13.8	188		1.360			
L840570		144	0.4	0.9	610	8.8	249		2.14			
L840571		587	0.4	41.1	771	66.0						
L840572		475	6.8	53.0	811	87.2						
L840573		556	1.7	37.2	524	80.6						
L840574		22	0.1	1.5	766	3.3	939		8.41			762
L840575		83	0.1	2.8	1760	5.1	>1500		>20.0	3170	60.29	718
L840576		669	1.1	6.6	635	19.0	314	1.380	7.92			
L840578		84	0.5	4.4	1400	10.7	216		1.840			
L840579		67	0.3	1.8	661	5.6	1410		15.15			
L840580		22	0.2	0.7	593	2.8	671		4.06			721
L840581		100	0.5	2.4	946	10.8	367		4.09			
L840582		284	0.9	16.2	841	57.8	251		2.49			
L840583		43	0.1	1.4	166	2.5	>1500		>20.0	4120	48.10	1580
L840584		403	1.0	9.9	678	42.8	286		2.17			
L840585		540	0.7	3.6	387	35.9			1.605			
L840586		97	0.7	23.9	2490	91.5						
L840587		68	1.0	50.6	8090	73.7						
L840588		77	0.9	28.9	1680	100.0						
L840589		24	<0.1	2.0	203	1.8	>1500	0.999	>20.0	3160	40.99	772
L840590		770	0.4	19.9	71	76.2						
L840591		40	0.1	1.5	158	1.8	>1500		18.15	1655		709
L840599		297	1.3	8.5	196	21.3						



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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.