



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: 1-AUG-2012  
Account: RANSIL

**CERTIFICATE WH12162403**

Project: KEG (Group 5)

P.O. No.:

This report is for 27 Rock samples submitted to our lab in Whitehorse, YT, Canada on 12-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
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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Page: 2 - A  
Total # Pages: 2 (A - D)  
Plus Appendix Pages  
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**CERTIFICATE OF ANALYSIS WH12162403**

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
M676180		1.68	0.627	58.3	1.78	6700	90	2.27	0.24	0.05	10.65	1.59	0.2	33	13.50	469
M676181		1.15	1.155	21.0	5.22	>10000	330	3.04	0.79	1.03	1.62	52.0	3.0	11	8.36	5.8
M676182		1.57	0.009	8.98	2.19	502	180	2.29	1.90	0.05	0.23	15.40	0.4	22	7.44	10.7
M676183		1.48	<0.005	0.25	6.41	82.3	40	4.30	2.67	0.18	0.08	4.84	0.2	10	10.75	3.0
M676184		1.44	0.257	13.35	1.06	9180	100	1.71	0.10	0.04	6.47	4.98	0.7	23	7.47	219
M676185		0.55	1.360	>100	0.24	>10000	30	0.89	3.97	0.01	51.4	1.62	1.7	6	2.55	2150
M676186		1.19	0.617	19.70	0.94	>10000	60	1.67	0.56	0.03	2.15	6.95	0.9	19	5.86	77.5
M676187		1.34	0.097	50.7	2.68	9460	190	2.22	0.44	0.03	1.65	27.3	0.3	17	10.30	32.7
M676188		1.54	5.64	39.0	0.46	>10000	80	0.63	0.11	0.01	6.64	4.43	0.6	11	2.41	111.5
M676189		1.47	0.005	1.50	0.33	367	10	0.23	0.08	0.13	0.04	1.64	0.4	22	0.75	2.3
M676190		1.24	0.810	69.8	0.28	>10000	60	1.52	0.23	0.14	25.4	9.49	3.0	11	2.31	415
M676191		1.59	0.751	1.92	1.41	>10000	40	1.45	0.27	0.01	0.96	10.30	1.3	34	8.67	20.4
M676192		1.23	0.786	26.7	0.60	>10000	40	1.39	0.27	0.06	6.53	9.37	1.4	20	5.86	123.5
M676193		1.00	0.544	47.2	1.21	>10000	40	1.14	0.56	0.05	46.6	14.70	1.0	19	5.51	709
M676194		1.80	0.174	8.14	1.98	4980	90	2.08	0.97	0.02	4.73	15.40	0.4	33	9.96	289
M676195		1.52	0.051	5.10	1.51	3590	40	1.28	1.18	0.01	21.4	9.82	1.2	22	3.20	183.5
M676196		0.99	<0.005	37.7	0.82	107.0	20	0.74	84.1	0.01	1.46	5.48	0.5	32	3.06	35.0
M676197		1.47	0.008	1.02	0.22	38.5	<10	0.22	42.8	0.18	0.11	1.06	0.3	47	0.37	3.8
M676198		1.36	0.058	27.8	2.44	2560	70	2.56	1.73	0.02	16.50	27.6	0.8	28	13.15	180.0
M676199		1.65	0.010	6.40	1.47	720	50	3.11	1.90	0.03	28.6	12.70	3.6	19	4.08	88.4
M676200		1.71	<0.005	0.60	5.87	28.8	280	4.00	0.88	0.01	0.21	57.9	0.1	6	9.92	4.0
M676251		1.74	0.012	19.20	3.05	1260	150	4.27	3.10	0.14	19.75	27.8	3.1	14	14.40	54.0
M676252		0.93	0.765	>100	0.30	>10000	40	1.75	0.32	0.53	138.0	6.28	0.6	11	2.56	901
M676253		1.24	0.108	0.91	1.29	4820	50	1.32	0.11	0.04	0.68	12.40	3.9	26	2.54	3.6
M676254		1.52	0.112	9.22	3.13	3340	110	3.66	1.72	0.15	10.35	23.9	2.4	15	10.40	44.3
M676255		2.69	0.802	>100	0.23	>10000	20	1.19	0.13	0.08	100.0	3.72	0.7	5	2.99	308
M676256		1.67	0.199	30.6	0.52	>10000	40	2.01	0.26	0.37	43.0	11.95	0.7	12	3.89	257



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Page: 2 - B  
Total # Pages: 2 (A - D)  
Plus Appendix Pages  
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Project: KEG (Group 5)

**CERTIFICATE OF ANALYSIS WH12162403**

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
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M676180		1.66	11.25	<0.05	<0.1	1.095	0.14	0.8	177.5	0.02	72	0.37	0.02	0.2	1.0	50
M676181		4.92	19.35	0.12	1.2	0.095	2.62	23.4	43.6	0.27	76600	0.37	1.23	6.5	7.5	370
M676182		1.23	7.59	0.07	0.4	0.323	1.13	7.5	48.5	0.05	511	0.38	0.24	3.6	2.3	260
M676183		0.66	20.4	0.11	1.1	0.026	3.55	2.0	38.5	0.05	1740	0.25	1.75	9.6	2.0	730
M676184		2.20	3.64	<0.05	0.1	5.63	0.33	2.7	130.0	0.02	248	0.32	0.03	0.6	1.1	100
M676185		28.7	1.85	0.35	<0.1	8.30	0.08	0.8	40.0	0.01	521	0.81	0.01	0.5	4.1	<10
M676186		3.97	3.09	<0.05	0.2	0.509	0.42	4.0	66.7	0.03	218	0.41	0.01	1.0	2.0	480
M676187		2.62	8.73	<0.05	0.8	0.598	1.11	13.3	72.8	0.09	167	0.36	0.04	3.7	1.2	270
M676188		18.55	2.59	0.17	<0.1	2.01	0.18	2.4	19.5	0.02	135	0.32	0.01	0.7	0.3	30
M676189		0.41	1.05	<0.05	<0.1	0.011	0.11	0.7	14.1	0.01	80	0.22	0.01	0.4	1.2	480
M676190		17.90	3.14	0.19	<0.1	0.425	0.09	3.7	36.7	0.03	55800	0.23	0.01	0.3	2.3	10
M676191		3.01	5.38	<0.05	0.3	0.051	0.57	5.2	118.5	0.05	327	0.40	0.01	2.4	1.5	60
M676192		6.12	2.13	0.06	0.2	3.85	0.25	4.6	55.8	0.02	595	0.38	0.01	1.0	1.3	70
M676193		6.16	4.38	0.06	0.3	14.20	0.55	7.5	68.0	0.04	610	0.37	0.02	1.9	2.0	170
M676194		1.53	6.72	<0.05	0.5	7.07	0.93	7.9	62.7	0.07	107	12.05	0.02	2.6	2.2	160
M676195		1.34	5.63	<0.05	0.4	4.91	0.71	4.9	53.0	0.07	195	1.12	0.01	1.5	3.2	110
M676196		0.77	3.31	<0.05	0.2	0.186	0.36	2.6	32.8	0.03	73	3.13	0.01	0.8	1.6	90
M676197		0.67	1.49	<0.05	<0.1	0.064	0.04	0.7	12.9	0.03	70	0.38	0.01	0.1	1.5	10
M676198		2.15	8.63	0.05	0.8	0.637	1.04	13.4	111.0	0.08	142	0.43	0.02	3.4	2.7	70
M676199		1.66	4.57	<0.05	0.2	0.501	0.63	6.3	84.5	0.07	289	0.91	0.01	2.0	1.1	70
M676200		0.88	27.5	0.14	5.7	0.069	3.17	20.7	60.3	0.05	250	3.23	0.04	86.3	0.3	20
M676251		6.30	10.85	0.10	0.5	3.17	1.38	13.5	60.8	0.18	5820	0.74	0.03	4.7	4.0	230
M676252		25.3	3.27	0.34	0.1	1.740	0.12	3.3	31.4	0.18	26900	1.12	0.01	0.8	4.9	20
M676253		1.14	4.65	<0.05	0.2	0.085	0.52	6.4	99.0	0.05	551	0.30	0.01	1.3	2.5	40
M676254		5.30	10.50	0.08	0.5	1.835	1.38	11.9	62.7	0.19	2340	0.64	0.03	4.0	3.3	230
M676255		24.2	1.43	0.34	<0.1	3.14	0.09	2.3	18.4	0.04	1810	0.31	0.01	0.6	0.9	10
M676256		13.10	3.63	0.14	<0.1	9.07	0.20	6.5	57.6	0.21	17050	0.27	0.01	0.5	0.7	20



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Page: 2 - C  
Total # Pages: 2 (A - D)  
Plus Appendix Pages  
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Project: KEG (Group 5)

**CERTIFICATE OF ANALYSIS WH12162403**

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
M676180		>10000	27.0	<0.002	1.27	158.0	0.2	2	303	20.0	<0.05	<0.05	1.2	<0.005	1.29	0.8
M676181		130.0	204	<0.002	1.37	149.0	3.0	2	15.3	119.5	0.71	<0.05	14.6	0.102	2.08	10.8
M676182		1565	128.5	<0.002	0.21	18.05	1.1	1	24.3	30.8	1.07	<0.05	3.7	0.034	2.17	3.2
M676183		40.8	334	<0.002	0.01	1.11	0.8	1	16.7	19.9	1.85	<0.05	0.9	0.010	2.52	4.6
M676184		2740	43.1	<0.002	1.17	110.0	0.3	1	76.8	15.3	0.27	<0.05	0.8	<0.005	2.49	0.8
M676185		>10000	13.7	<0.002	>10.0	421	0.7	5	230	6.3	<0.05	0.10	0.5	<0.005	40.8	0.6
M676186		2330	53.3	<0.002	0.81	168.5	0.6	2	96.7	17.2	0.13	<0.05	4.5	0.016	2.44	3.2
M676187		9540	120.5	<0.002	1.02	164.0	1.4	2	57.8	19.5	0.39	<0.05	5.8	0.052	5.86	1.5
M676188		5550	22.9	<0.002	5.18	1420	1.0	2	161.0	5.2	<0.05	<0.05	2.5	0.014	6.00	3.6
M676189		72.4	11.2	<0.002	0.03	3.31	0.3	1	1.9	2.4	0.05	<0.05	0.2	0.014	0.25	0.2
M676190		>10000	14.4	<0.002	>10.0	428	0.6	2	72.8	8.9	<0.05	<0.05	0.6	<0.005	12.35	2.8
M676191		220	72.6	0.003	1.63	119.5	1.0	1	18.2	13.3	0.23	<0.05	2.7	0.045	1.69	1.6
M676192		6240	33.0	<0.002	3.79	326	0.5	2	62.1	9.2	0.10	<0.05	1.6	0.016	4.19	4.2
M676193		>10000	69.7	<0.002	5.57	387	1.0	3	183.0	8.8	0.29	<0.05	3.8	0.028	9.43	3.7
M676194		4000	110.0	<0.002	0.55	48.0	1.2	1	32.3	13.1	0.28	0.05	5.8	0.041	2.50	2.3
M676195		1675	107.5	<0.002	1.32	28.4	0.7	1	44.3	6.8	0.20	<0.05	3.3	0.020	3.63	2.7
M676196		2470	42.8	<0.002	0.28	5.12	0.5	7	4.9	6.7	0.10	0.54	2.6	0.013	1.63	0.7
M676197		30.1	4.3	<0.002	0.06	1.37	0.4	1	0.9	2.1	<0.05	0.14	0.4	0.006	0.19	0.2
M676198		5570	130.5	<0.002	2.40	130.0	1.4	1	122.0	23.8	0.42	<0.05	6.7	0.045	7.48	2.4
M676199		1240	123.5	<0.002	0.90	17.30	0.9	1	58.8	4.6	0.61	<0.05	2.2	0.018	2.38	1.0
M676200		60.6	520	<0.002	0.23	1.58	12.0	2	21.9	11.3	13.80	<0.05	42.0	0.015	7.00	20.0
M676251		3560	208	<0.002	5.23	29.9	2.5	1	204	20.4	0.48	<0.05	7.4	0.078	9.01	3.7
M676252		>10000	13.7	<0.002	>10.0	535	0.6	5	>500	11.1	0.06	<0.05	0.9	0.006	22.7	0.7
M676253		236	62.9	<0.002	0.42	52.7	0.8	1	14.8	3.4	0.18	<0.05	2.7	0.028	1.43	0.7
M676254		1740	207	<0.002	3.77	39.7	2.2	1	129.0	15.0	0.45	<0.05	7.0	0.078	7.29	3.9
M676255		>10000	12.7	<0.002	>10.0	639	0.5	4	178.5	8.1	<0.05	<0.05	0.5	<0.005	16.40	0.6
M676256		5010	34.5	<0.002	8.18	110.0	1.2	2	248	10.9	<0.05	<0.05	1.1	0.006	4.45	1.0



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Page: 2 - D  
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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	Sn-XRF05 Sn ppm 5
M676180		2	4.5	0.2	2560	0.8		1.105		
M676181		11	1.4	10.6	298	37.7				
M676182		6	1.8	1.5	75	11.1				
M676183		2	1.7	3.5	20	16.3				
M676184		1	4.9	2.3	1580	1.4				
M676185		3	92.6	1.3	>10000	0.7	270	7.26	1.640	
M676186		3	2.3	0.7	583	7.5				
M676187		5	3.0	1.4	588	22.0				
M676188		4	1.7	0.5	828	1.1				
M676189		1	1.5	1.6	8	0.8				
M676190		1	2.3	4.9	9300	1.2		1.895		
M676191		7	39.8	1.1	280	11.1				
M676192		2	3.2	2.1	1970	5.4				
M676193		3	3.0	1.6	>10000	10.7		1.730	1.695	
M676194		7	2.9	1.2	680	13.6				
M676195		4	2.0	0.8	5780	10.1				
M676196		4	1.1	0.4	230	4.2				
M676197		3	0.4	0.1	20	<0.5				
M676198		8	4.7	1.0	5820	22.6				
M676199		3	1.9	1.4	8710	4.3				
M676200		<1	6.2	49.3	65	75.8				
M676251		12	6.6	4.0	7020	17.3				
M676252		2	4.3	11.7	>10000	2.3	351	7.11	4.84	640
M676253		6	0.7	1.0	249	7.8				
M676254		12	4.4	3.3	3690	17.0				
M676255		2	1.9	0.8	>10000	0.8	170	4.59	4.07	
M676256		2	11.6	3.2	>10000	1.6			1.450	



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Total # Appendix Pages: 1  
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Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.