



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: 4-AUG-2012  
Account: RANSIL

**CERTIFICATE WH12167233**

Project: KEG - Group 5

P.O. No.:

This report is for 26 Rock samples submitted to our lab in Whitehorse, YT, Canada on 18-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

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 WH12167233**

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
M676261		1.35	<0.005	0.78	2.76	154.0	290	1.46	0.16	1.12	0.06	12.45	3.7	30	7.21	7.3
M676262		1.06	<0.005	0.26	0.14	1.8	10	0.10	18.60	0.03	0.04	1.50	0.3	29	0.32	1.8
M676263		1.24	<0.005	3.89	0.47	55.5	50	1.78	0.09	0.06	0.14	2.46	0.7	25	11.40	7.9
M676264		1.37	0.600	20.7	3.59	3450	490	2.64	0.30	0.04	0.15	42.5	1.6	26	12.40	8.6
M676401		0.90	<0.005	0.60	1.09	57.4	270	2.01	0.15	0.06	0.02	8.72	0.8	29	5.92	2.3
M676402		1.20	0.342	4.07	0.80	1980	70	2.06	0.21	0.05	0.05	6.72	1.4	27	8.07	29.1
M676403		0.73	0.084	>100	1.30	535	140	2.32	0.06	0.03	0.20	10.25	0.3	34	10.15	3.0
M676404		1.05	0.151	>100	1.49	509	140	2.51	0.10	0.03	0.10	9.99	0.6	25	8.53	2.8
M676405		1.47	0.142	>100	2.63	3140	100	3.01	0.18	0.17	3.55	21.1	0.9	18	14.40	68.9
M676406		1.62	0.578	>100	2.59	8550	60	3.29	0.21	0.12	1.24	25.2	1.3	11	17.40	172.5
M676407		2.17	0.227	12.05	2.60	2930	60	4.90	0.50	0.68	3.03	18.40	5.1	1	15.55	30.3
M676408		1.56	0.246	>100	2.64	2560	70	4.16	0.56	0.16	4.13	24.2	1.1	14	13.95	53.7
M676409		2.92	0.232	>100	1.70	4730	50	1.88	0.50	0.46	10.05	15.85	1.4	14	7.73	68.4
M676410		1.77	0.618	>100	0.80	6730	30	2.22	0.57	1.13	3.65	10.00	2.0	4	7.00	162.0
M676411		1.95	0.380	69.9	1.43	5610	70	2.36	0.20	0.56	0.72	11.45	2.9	<1	11.50	11.2
M676257		1.28	<0.005	5.52	0.99	42.5	60	0.65	3.03	0.01	0.03	14.95	0.2	26	2.68	2.5
M676258		1.43	9.07	>100	0.54	>10000	20	1.33	0.32	0.03	8.97	3.32	0.5	17	4.67	313
M676259		1.15	2.12	>100	0.58	>10000	40	1.60	0.32	0.02	72.5	4.37	0.8	17	6.80	620
M676260		1.33	0.128	14.30	2.76	5040	80	2.23	1.89	0.37	3.19	28.3	2.0	11	8.00	7.8
M676265		1.38	0.987	>100	0.23	>10000	20	1.05	0.74	0.77	19.35	5.65	2.6	15	3.33	48.0
M676266		1.94	1.025	47.0	1.29	>10000	40	2.98	0.16	1.64	3.78	13.80	5.3	1	7.34	64.1
M676267		2.35	1.470	>100	1.87	>10000	30	1.75	0.39	0.71	10.15	19.95	1.8	2	6.98	209
M676268		1.55	0.151	>100	0.64	2070	20	1.24	0.07	0.56	9.18	4.96	2.1	<1	4.02	49.6
M676269		2.40	1.150	>100	0.32	>10000	10	0.92	0.09	1.13	9.18	5.80	1.2	<1	2.47	64.6
M676270		1.67	0.544	>100	1.25	8550	30	1.49	0.23	0.50	13.70	10.60	2.1	5	6.59	68.3
M676271		1.66	0.623	>100	0.47	6920	10	0.77	0.24	0.61	21.8	6.43	2.0	<1	2.14	60.8



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**CERTIFICATE OF ANALYSIS WH12167233**

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
M676261		1.63	6.02	0.05	0.5	0.021	0.46	6.1	145.5	0.35	290	0.44	0.68	1.5	6.0	180
M676262		0.46	0.55	<0.05	<0.1	0.005	0.04	0.7	12.6	0.01	54	2.24	0.02	0.3	1.5	20
M676263		2.42	0.81	0.14	<0.1	0.276	0.07	2.2	200	0.04	3940	0.17	0.02	<0.1	1.8	40
M676264		2.23	14.20	0.12	0.7	0.036	1.98	21.5	132.5	0.15	84	3.40	0.06	3.5	1.9	170
M676401		1.25	3.97	0.13	0.1	0.011	0.37	4.5	207	0.05	179	0.39	0.02	0.5	2.0	50
M676402		1.84	2.28	<0.05	0.1	0.018	0.26	3.4	189.5	0.03	115	0.55	0.01	0.4	2.3	160
M676403		0.84	4.81	<0.05	0.1	0.008	0.42	5.2	175.5	0.05	54	0.57	0.01	0.8	1.4	60
M676404		0.94	7.93	<0.05	0.2	0.006	0.54	5.2	191.5	0.06	80	0.88	0.02	0.8	1.6	60
M676405		1.32	11.00	0.06	0.6	0.026	1.18	10.4	141.5	0.11	14050	1.64	0.02	3.1	1.7	170
M676406		2.82	10.45	0.10	0.7	0.027	1.07	12.3	108.0	0.13	11500	0.55	0.01	4.1	1.5	140
M676407		5.35	17.10	0.14	0.5	0.032	0.93	8.7	96.6	0.20	81700	0.54	0.02	2.5	5.9	350
M676408		2.76	11.55	0.09	0.7	0.018	0.97	12.1	106.0	0.14	26600	3.17	0.02	2.8	2.3	250
M676409		5.46	13.95	0.12	0.4	0.016	0.71	7.7	70.2	0.15	78200	3.32	0.01	1.8	2.4	110
M676410		4.27	14.15	0.11	0.1	0.042	0.26	4.6	126.0	0.17	>100000	5.05	0.01	0.7	5.2	80
M676411		9.05	13.65	0.16	0.2	0.026	0.66	5.2	78.1	0.25	97500	0.50	0.02	1.2	3.0	80
M676257		0.44	4.41	<0.05	0.5	0.025	0.39	7.3	18.6	0.04	831	0.34	0.01	1.8	1.2	60
M676258		3.59	2.01	0.05	<0.1	1.230	0.09	1.8	181.0	0.01	4340	0.28	0.01	0.3	1.9	70
M676259		6.74	3.08	0.13	0.1	5.41	0.16	2.3	121.0	0.02	4090	0.21	0.01	0.6	1.4	80
M676260		4.18	13.95	0.11	0.7	0.131	1.24	13.3	55.5	0.16	46800	0.68	0.02	2.5	3.3	220
M676265		2.76	6.53	0.05	<0.1	0.191	0.04	2.5	164.5	0.08	58100	1.67	<0.01	0.1	2.2	10
M676266		6.96	18.25	0.16	0.1	0.061	0.46	6.8	72.5	0.25	>100000	2.75	0.02	1.8	18.4	30
M676267		7.04	15.20	0.16	0.5	0.063	0.74	9.7	71.0	0.17	96500	1.19	0.01	1.9	2.4	90
M676268		10.70	15.00	0.20	0.1	0.011	0.22	2.4	80.3	0.19	>100000	7.61	0.01	0.7	2.0	30
M676269		11.45	19.40	0.25	0.1	0.041	0.10	2.7	54.7	0.20	>100000	2.77	0.01	0.4	1.8	20
M676270		6.56	11.90	0.14	0.3	0.030	0.47	5.1	90.5	0.13	84200	3.73	0.01	1.3	2.2	90
M676271		13.15	18.15	0.28	0.1	0.019	0.18	3.2	43.3	0.23	>100000	0.30	0.01	0.7	2.2	50



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**CERTIFICATE OF ANALYSIS WH12167233**

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
M676261		9.4	28.5	<0.002	0.28	30.4	5.8	1	0.8	119.5	0.10	<0.05	1.6	0.105	0.86	1.1
M676262		5.4	3.3	<0.002	<0.01	1.00	0.2	1	0.4	1.9	<0.05	0.13	0.4	0.005	0.03	0.1
M676263		24.9	12.1	<0.002	0.70	8700	0.9	1	2.0	11.1	<0.05	<0.05	0.4	<0.005	1.54	5.0
M676264		43.5	210	<0.002	1.33	1930	2.6	4	3.3	41.9	0.26	<0.05	8.2	0.090	3.50	11.7
M676401		8.2	46.7	<0.002	0.15	115.5	0.9	1	1.2	13.3	<0.05	<0.05	1.8	0.018	0.89	1.2
M676402		89.9	34.4	<0.002	1.06	310	1.2	1	0.8	11.9	<0.05	<0.05	1.6	0.011	0.94	9.6
M676403		30.0	54.5	<0.002	0.05	71.7	0.9	1	1.3	15.5	0.05	<0.05	1.9	0.022	0.76	7.5
M676404		21.0	67.2	<0.002	0.06	71.8	0.8	1	1.3	19.9	0.05	<0.05	1.8	0.020	0.75	4.1
M676405		558	150.5	<0.002	0.55	271	1.6	2	7.9	14.8	0.30	<0.05	4.6	0.054	2.29	3.8
M676406		2810	161.5	<0.002	0.81	413	1.8	1	7.2	8.0	0.45	<0.05	6.0	0.058	3.11	5.6
M676407		60.9	139.0	<0.002	0.46	100.5	1.7	1	15.6	10.9	0.27	<0.05	4.5	0.036	1.92	9.7
M676408		966	134.5	<0.002	0.50	208	1.8	1	18.4	11.0	0.29	<0.05	4.7	0.050	2.47	9.7
M676409		4860	89.9	<0.002	0.75	386	1.3	2	67.4	8.8	0.12	<0.05	3.2	0.033	1.68	1.5
M676410		5510	41.3	<0.002	0.77	1180	0.8	2	7.5	13.1	0.07	<0.05	0.9	0.009	0.82	3.1
M676411		190.5	90.6	<0.002	0.42	122.5	1.0	1	5.8	18.7	0.08	<0.05	1.7	0.021	1.86	3.8
M676257		84.7	44.9	<0.002	0.02	14.05	1.1	1	9.3	2.0	0.16	<0.05	2.6	0.027	0.80	0.6
M676258		1940	13.2	<0.002	1.68	1635	0.4	2	52.0	11.4	<0.05	<0.05	0.6	<0.005	0.34	13.8
M676259		6880	22.7	<0.002	4.37	2900	0.5	5	275	17.8	<0.05	<0.05	0.6	0.006	1.08	11.8
M676260		2220	159.5	<0.002	2.68	92.8	1.7	1	26.5	12.6	0.32	0.06	6.1	0.039	2.47	4.9
M676265		1950	7.5	<0.002	1.58	906	0.3	4	1.9	5.7	<0.05	<0.05	0.2	<0.005	0.20	1.4
M676266		445	62.7	<0.002	1.30	645	1.8	2	15.7	13.1	0.13	<0.05	1.2	0.029	1.28	2.0
M676267		>10000	90.6	<0.002	1.68	1590	1.5	3	53.9	8.5	0.14	<0.05	3.8	0.038	2.27	2.1
M676268		3810	30.9	<0.002	1.68	361	0.6	2	24.0	6.2	0.05	<0.05	0.9	0.009	0.94	1.1
M676269		2860	14.9	<0.002	1.26	794	0.4	2	13.0	6.1	<0.05	<0.05	0.5	<0.005	0.44	0.4
M676270		>10000	63.6	<0.002	1.50	988	1.1	5	65.7	8.8	0.08	<0.05	2.0	0.021	1.71	1.6
M676271		>10000	24.4	<0.002	1.39	700	0.4	4	61.9	5.1	<0.05	<0.05	0.8	0.007	0.58	0.8



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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
M676261		33	5.0	6.3	23	16.3			
M676262		2	0.1	0.2	3	1.6			
M676263		2	0.3	1.6	11	0.5			
M676264		13	1.1	3.7	11	28.8			
M676401		5	1.6	1.3	15	5.5			
M676402		3	0.5	0.9	23	3.1			
M676403		4	0.7	1.4	12	5.3	130		
M676404		3	1.2	1.9	15	6.5	162		
M676405		7	1.3	4.5	1940	21.9	133		
M676406		8	1.6	5.8	418	23.7	363		
M676407		6	1.2	17.2	1610	18.2			
M676408		6	1.1	4.8	1500	29.2	105		
M676409		4	0.8	4.8	6030	16.1	396		
M676410		<1	0.8	11.7	1950	4.6	330		
M676411		2	0.6	12.6	237	7.9			
M676257		5	0.7	1.0	13	18.3			
M676258		1	0.8	1.8	2020	1.5	409		
M676259		1	6.5	2.8	>10000	1.8	838		2.06
M676260		6	1.4	10.0	948	22.5			
M676265		<1	0.4	5.2	>10000	1.2	220		1.665
M676266		4	1.4	17.5	1920	2.4			
M676267		4	1.0	6.4	5730	17.5	1420	1.270	
M676268		<1	0.4	4.9	6290	5.0	234		
M676269		<1	0.4	5.8	5410	3.2	378		
M676270		2	0.6	5.7	5790	10.5	1070	1.990	
M676271		<1	0.3	6.5	8860	5.2	1000	1.780	



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