



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: 11-AUG-2012

Account: RANSIL

**CERTIFICATE WH12182385**

Project: Keg-Group 3

P.O. No.:

This report is for 25 Soil samples submitted to our lab in Whitehorse, YT, Canada on 6-AUG-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
SCR-41	Screen to -180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS41	51 anal. aqua regia ICPMS	

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 WH12182385**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ZZ42514		0.30	0.001	0.36	2.83	25.6	<0.2	<10	70	1.62	0.54	7.33	1.28	17.80	5.8	40
ZZ42515		0.28	0.002	0.35	2.72	12.1	<0.2	<10	170	1.09	0.65	1.49	1.02	16.15	5.7	43
ZZ42516		0.26	0.007	0.44	3.06	15.0	<0.2	<10	240	1.49	0.54	0.91	1.11	31.7	6.4	49
ZZ42517		0.27	0.002	0.29	2.31	14.0	<0.2	<10	150	1.11	0.83	0.31	0.45	28.6	6.4	38
ZZ42518		0.20	0.002	0.28	2.20	9.4	<0.2	<10	100	0.82	0.79	0.32	1.49	14.70	5.1	34
ZZ42519		0.21	0.001	0.91	3.41	10.1	<0.2	<10	100	1.03	0.76	0.11	0.71	16.05	8.6	36
ZZ42520		0.21	0.001	0.29	2.69	13.0	<0.2	<10	180	0.91	0.54	0.16	0.63	15.15	5.8	35
ZZ42521		0.25	0.003	0.38	3.32	16.7	<0.2	<10	250	1.24	0.58	0.18	0.23	21.3	7.4	45
ZZ42523		0.25	0.002	1.23	2.89	22.0	<0.2	<10	130	1.21	2.30	1.06	0.81	18.30	5.7	34
ZZ42524		0.20	0.001	1.07	2.46	18.9	<0.2	<10	130	1.35	1.66	2.16	1.32	17.20	4.5	30
ZZ42525		0.31	0.001	1.27	2.27	23.2	<0.2	<10	110	1.13	1.59	1.77	0.98	17.15	4.7	28
ZZ42526		0.28	0.002	0.63	2.15	18.3	<0.2	<10	120	0.99	1.16	1.62	3.13	15.30	4.4	25
ZZ42527		0.16	0.002	0.43	1.02	7.3	<0.2	<10	130	0.48	0.53	1.38	2.76	11.85	3.2	13
ZZ42528		0.32	0.002	0.37	1.19	6.8	<0.2	<10	150	0.53	0.41	0.45	0.69	19.20	3.9	28
ZZ42529		0.16	0.001	0.39	1.65	7.5	<0.2	<10	210	0.74	0.33	0.67	0.70	25.3	5.7	24
ZZ42530		0.26	0.002	0.26	0.91	4.5	<0.2	<10	150	0.40	0.21	0.79	0.47	10.85	3.2	16
ZZ42531		0.25	0.002	0.41	2.07	9.4	<0.2	<10	200	0.84	0.84	1.27	1.13	16.15	5.7	35
ZZ42532		0.25	0.001	0.39	1.83	15.7	<0.2	<10	290	0.86	0.51	0.69	0.81	25.8	4.8	30
ZZ42533		0.32	0.002	0.69	1.94	14.7	<0.2	<10	240	0.89	1.12	1.01	1.15	18.95	5.2	29
ZZ42534		0.24	0.002	1.74	1.66	27.7	<0.2	<10	280	0.75	2.36	1.38	2.34	18.50	6.1	24
ZZ42535		0.29	0.004	1.32	1.57	23.7	<0.2	<10	310	0.80	2.16	0.99	1.65	18.75	5.9	23
ZZ42536		0.29	0.004	1.89	1.78	30.3	<0.2	<10	450	1.01	2.45	1.21	1.33	25.2	7.6	26
ZZ42537		0.33	0.004	0.72	1.94	19.3	<0.2	<10	470	1.03	0.93	1.07	0.95	26.5	7.1	27
ZZ42538		0.27	0.003	0.54	1.35	14.3	<0.2	<10	310	0.52	0.41	0.19	0.55	24.3	4.8	21
ZZ42539		0.30	0.005	0.10	0.24	1.8	<0.2	<10	40	0.08	0.06	0.07	0.08	3.20	1.4	3



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Project: Keg-Group 3

**CERTIFICATE OF ANALYSIS WH12182385**

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ZZ42514		9.08	17.2	3.50	8.62	0.10	0.18	0.07	0.096	0.30	8.4	24.4	1.59	273	1.44
ZZ42515		4.55	15.4	2.58	7.87	0.10	0.09	0.06	0.050	0.10	8.4	17.1	1.05	303	1.09
ZZ42516		4.38	16.8	2.68	8.53	0.15	0.13	0.04	0.036	0.16	13.2	16.5	0.98	287	1.69
ZZ42517		4.06	12.9	2.47	7.63	0.08	0.05	0.05	0.048	0.09	14.9	16.3	0.77	302	1.63
ZZ42518		4.63	12.0	2.64	9.08	0.06	0.04	0.11	0.037	0.08	8.1	18.1	1.02	426	1.83
ZZ42519		3.69	43.1	4.83	8.24	0.08	0.08	0.09	0.035	0.11	8.1	16.3	0.89	255	2.64
ZZ42520		3.81	12.6	2.42	7.00	0.08	0.07	0.07	0.025	0.12	8.3	16.9	0.84	184	1.91
ZZ42521		5.05	21.4	2.73	9.00	0.08	0.11	0.07	0.034	0.13	11.3	21.5	1.20	261	2.06
ZZ42523		3.59	14.5	1.92	7.16	0.06	0.11	0.08	0.061	0.10	9.5	14.9	0.51	206	1.27
ZZ42524		4.01	16.7	1.81	6.11	0.08	0.12	0.09	0.047	0.09	9.4	15.0	0.56	286	0.81
ZZ42525		4.16	18.5	1.75	6.26	0.06	0.10	0.06	0.042	0.10	9.6	13.9	0.55	204	0.85
ZZ42526		3.32	17.6	1.60	5.77	0.06	0.07	0.05	0.041	0.09	8.9	11.5	0.47	270	0.74
ZZ42527		1.62	16.0	0.89	3.05	0.05	0.05	0.05	0.024	0.05	6.5	7.4	0.27	234	0.52
ZZ42528		1.68	17.3	1.30	4.68	0.05	0.07	0.06	0.017	0.05	7.2	10.9	0.49	352	1.37
ZZ42529		2.36	19.3	1.63	5.06	0.05	0.05	0.05	0.021	0.06	10.6	11.6	0.46	560	1.00
ZZ42530		1.30	12.5	1.04	3.12	<0.05	0.04	0.05	0.012	0.05	5.0	7.2	0.27	223	0.83
ZZ42531		2.51	24.4	1.72	6.40	<0.05	0.06	0.05	0.025	0.06	7.9	14.1	0.71	355	1.12
ZZ42532		2.71	15.0	1.86	5.53	<0.05	0.06	0.04	0.028	0.07	11.2	15.5	0.58	319	1.11
ZZ42533		3.05	21.3	1.69	5.61	<0.05	0.07	0.05	0.034	0.10	10.5	16.1	0.52	304	1.16
ZZ42534		2.48	22.3	1.73	4.53	<0.05	0.08	0.08	0.049	0.08	9.8	12.5	0.44	466	1.52
ZZ42535		2.10	23.9	1.57	5.01	<0.05	0.06	0.08	0.047	0.08	9.8	13.6	0.43	262	1.29
ZZ42536		2.31	30.8	2.03	5.01	<0.05	0.10	0.10	0.061	0.10	13.3	13.9	0.47	487	1.76
ZZ42537		2.76	32.0	2.17	5.33	<0.05	0.11	0.08	0.040	0.11	14.2	16.2	0.53	352	2.32
ZZ42538		1.62	14.0	2.12	5.62	<0.05	0.02	0.05	0.024	0.07	12.8	11.7	0.29	168	2.13
ZZ42539		0.60	3.7	0.65	1.60	<0.05	<0.02	0.02	<0.005	0.03	1.7	0.9	0.03	39	0.46



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Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
ZZ42514		2.84	30.4	410	20.3	51.5	<0.001	0.08	1.88	4.9	1.2	1.6	230	0.01	0.08	6.8
ZZ42515		1.65	29.5	570	16.1	24.4	<0.001	0.08	1.26	4.2	1.1	0.8	103.0	<0.01	0.05	2.7
ZZ42516		3.13	35.8	390	17.6	27.1	0.001	0.05	1.59	5.5	0.7	1.0	85.5	0.01	0.05	6.4
ZZ42517		1.89	27.5	530	15.9	25.9	<0.001	0.05	1.50	3.8	<0.2	1.1	38.4	0.01	0.06	2.6
ZZ42518		2.24	23.1	660	28.4	18.4	<0.001	0.08	1.60	3.0	<0.2	1.1	27.8	0.01	0.07	1.3
ZZ42519		2.21	37.7	900	27.9	23.3	<0.001	0.16	1.55	3.4	4.2	1.2	24.0	0.02	0.07	2.2
ZZ42520		2.82	29.6	550	16.0	23.3	<0.001	0.06	2.50	2.8	0.6	0.9	27.4	0.01	0.05	2.6
ZZ42521		2.75	38.5	490	24.7	32.4	<0.001	0.05	2.48	4.9	1.0	1.2	36.3	<0.01	0.04	5.2
ZZ42523		2.47	28.2	440	54.2	19.7	<0.001	0.05	2.14	3.0	0.9	2.6	53.1	0.01	0.05	4.0
ZZ42524		2.05	24.4	520	43.8	17.4	<0.001	0.09	2.28	2.7	0.9	2.9	84.8	0.01	0.05	2.7
ZZ42525		1.70	24.2	480	45.2	20.8	<0.001	0.08	2.89	2.7	0.5	5.9	73.4	0.01	0.05	2.4
ZZ42526		1.76	19.4	550	24.6	15.7	<0.001	0.07	1.66	2.0	0.7	2.1	72.0	0.01	0.04	1.7
ZZ42527		0.64	11.9	670	12.6	8.8	<0.001	0.07	1.05	1.1	0.2	0.9	52.3	<0.01	0.03	0.7
ZZ42528		1.00	11.0	890	7.6	8.1	<0.001	0.07	0.82	1.9	0.8	0.7	28.2	<0.01	0.03	1.0
ZZ42529		1.07	18.8	790	9.0	16.2	<0.001	0.07	0.84	2.1	1.1	0.7	40.2	<0.01	0.04	1.1
ZZ42530		0.75	10.8	670	7.1	8.3	<0.001	0.08	0.80	1.4	0.7	0.3	29.1	<0.01	0.03	0.7
ZZ42531		1.54	24.9	830	13.3	12.7	<0.001	0.10	1.33	2.5	1.4	1.1	62.3	0.01	0.05	1.2
ZZ42532		1.49	23.1	720	31.7	12.7	<0.001	0.05	2.12	2.7	0.8	2.0	40.1	<0.01	0.03	1.9
ZZ42533		1.69	26.4	640	33.4	18.3	<0.001	0.05	2.17	2.9	1.0	2.1	48.8	0.01	0.04	2.3
ZZ42534		1.13	25.9	1060	80.9	17.6	<0.001	0.10	4.13	2.1	1.5	6.5	63.2	<0.01	0.05	1.6
ZZ42535		1.31	26.7	850	62.6	17.0	<0.001	0.06	3.48	2.5	1.4	9.9	49.0	<0.01	0.05	1.7
ZZ42536		1.52	32.2	890	83.0	17.3	0.001	0.07	4.44	3.2	2.2	7.9	59.5	0.01	0.06	2.9
ZZ42537		1.98	36.7	740	35.6	19.4	<0.001	0.04	2.95	3.5	1.3	1.8	60.9	<0.01	0.06	3.5
ZZ42538		1.79	20.7	400	19.3	13.4	<0.001	0.02	1.51	2.3	0.7	1.1	16.6	<0.01	0.05	2.3
ZZ42539		0.20	2.9	220	2.9	2.7	<0.001	0.01	0.25	0.2	<0.2	0.2	7.3	<0.01	0.01	<0.2



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Method	CERTIFICATE COMMENTS
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).