



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: 1-AUG-2012  
Account: RANSIL

**CERTIFICATE WH12171407**

Project: Keg-Group 1

P.O. No.:

This report is for 31 Soil 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
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**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016-510 W HASTINGS ST**  
**VANCOUVER BC V6B 1L8**

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 WH12171407**

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
DD006301		0.11	0.005	0.21	0.49	8.0	<0.2	<10	420	0.29	0.11	2.35	1.01	11.40	3.5	7
DD006302		0.36	0.004	0.45	0.86	27.9	<0.2	<10	650	0.51	0.37	0.68	0.89	28.4	7.1	17
DD006303		0.16	0.004	0.44	0.75	14.9	<0.2	<10	510	0.40	0.24	1.09	0.93	18.00	4.3	13
DD006304		0.23	0.005	0.55	0.86	12.7	<0.2	<10	470	0.59	0.23	1.37	1.66	21.2	4.2	15
DD006305		0.34	0.006	0.50	0.86	34.7	<0.2	<10	850	0.61	0.34	0.40	1.16	31.1	6.1	17
DD006306		0.26	0.004	0.60	1.07	25.7	<0.2	<10	900	0.66	0.37	0.90	1.11	28.6	6.7	22
DD006307		0.28	0.005	0.60	1.30	13.3	<0.2	<10	750	0.77	0.40	1.05	1.00	31.1	7.7	25
DD006308		0.11	0.002	0.32	0.77	6.4	<0.2	<10	420	0.33	0.13	0.98	0.62	18.75	4.9	13
DD006309		0.16	0.007	1.24	1.52	16.7	<0.2	<10	880	0.99	0.36	1.18	1.98	36.9	9.5	24
DD006310		0.16	0.003	0.31	0.72	5.1	<0.2	<10	300	0.26	0.12	0.41	0.16	16.30	4.5	12
DD006311		0.24	0.003	0.31	0.75	9.7	<0.2	<10	290	0.28	0.20	0.26	0.26	17.40	2.8	14
DD006325		0.21	0.011	0.81	0.91	4.4	<0.2	<10	250	0.41	0.30	0.17	0.47	29.5	1.3	20
DD006326		0.23	0.003	0.31	0.82	5.5	<0.2	<10	270	0.32	0.22	0.22	0.23	21.7	1.5	15
DD006327		0.22	0.005	0.53	1.24	11.6	<0.2	<10	450	0.49	0.30	0.34	0.55	26.6	3.7	21
DD006328		0.22	0.002	0.36	0.81	13.8	<0.2	<10	290	0.25	0.27	0.27	0.20	19.85	4.5	16
DD006329		0.33	0.003	0.41	1.26	14.7	<0.2	<10	490	0.44	0.34	0.27	0.34	28.2	13.2	24
DD006330		0.23	0.004	0.70	1.55	13.3	<0.2	<10	690	0.72	0.44	0.59	0.61	32.9	8.7	26
DD006331		0.19	0.003	0.48	1.10	15.4	<0.2	<10	720	0.61	0.31	1.14	0.57	25.3	5.9	21
DD006332		0.24	0.004	0.25	0.93	12.7	<0.2	<10	440	0.35	0.28	0.64	0.26	21.3	6.5	16
DD006333		0.20	0.003	0.19	0.71	4.2	<0.2	<10	440	0.28	0.21	0.50	0.22	21.4	1.3	15
DD006334		0.19	0.001	0.07	0.36	1.1	<0.2	<10	270	0.14	0.06	0.68	0.11	5.08	0.7	4
DD006335		0.22	0.009	1.06	0.97	4.6	<0.2	<10	880	0.35	0.21	0.27	0.57	22.1	1.9	13
DD006336		0.17	0.004	0.30	0.98	10.5	<0.2	<10	810	0.41	0.22	0.81	0.84	17.35	5.1	18
DD006337		0.29	0.004	0.33	1.05	9.4	<0.2	<10	590	0.30	0.26	0.56	0.38	22.3	5.5	21
DD006338		0.41	0.002	0.16	1.17	11.9	<0.2	<10	830	0.35	0.29	0.33	0.19	21.3	5.4	24
DD006339		0.22	0.005	0.54	1.17	13.4	<0.2	<10	850	0.46	0.37	0.98	0.29	22.1	5.3	20
DD006340		0.17	0.004	0.55	0.99	15.9	<0.2	<10	930	0.63	0.32	0.84	1.36	29.8	6.9	21
DD006341		0.22	0.011	1.14	0.88	15.4	<0.2	<10	330	0.60	0.30	0.40	1.00	23.1	6.2	13
DD006342		0.21	0.010	0.47	0.90	4.9	<0.2	<10	390	0.38	0.26	0.26	0.57	24.8	2.1	17
DD006343		0.22	0.004	0.56	0.48	5.6	<0.2	<10	180	0.21	0.18	0.14	0.29	10.95	9.2	10
DD006344		0.32	0.011	1.04	1.11	9.0	<0.2	<10	440	0.53	0.40	0.29	0.48	29.5	5.7	18



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Project: Keg-Group 1

**CERTIFICATE OF ANALYSIS WH12171407**

Sample Description	Method Analyte Units LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
DD006301		0.41	22.0	0.93	1.38	<0.05	0.03	0.05	0.009	0.04	4.6	3.9	0.17	691	0.87	0.03
DD006302		1.75	28.4	2.11	2.72	0.06	0.06	0.07	0.022	0.10	14.2	10.9	0.32	424	4.04	0.01
DD006303		1.19	27.7	1.46	2.34	<0.05	0.04	0.08	0.015	0.07	8.6	7.5	0.24	236	2.21	0.02
DD006304		1.18	89.3	1.72	2.55	0.05	0.06	0.11	0.023	0.09	11.1	11.1	0.27	127	1.96	0.01
DD006305		2.33	40.0	2.11	2.90	0.06	0.03	0.07	0.026	0.11	15.2	12.2	0.34	260	3.80	0.01
DD006306		1.76	38.7	1.99	3.45	0.05	0.08	0.09	0.024	0.12	14.0	12.9	0.39	297	2.24	0.02
DD006307		1.11	62.1	2.17	3.83	<0.05	0.07	0.13	0.028	0.10	15.5	16.3	0.42	535	1.99	0.01
DD006308		0.61	12.0	1.44	2.38	<0.05	0.04	0.11	0.015	0.07	7.8	7.9	0.23	244	0.91	0.02
DD006309		1.30	89.3	2.97	3.40	0.07	0.08	0.27	0.041	0.13	19.0	12.9	0.29	997	5.51	0.01
DD006310		0.63	14.0	1.28	2.37	<0.05	0.02	0.10	0.012	0.06	8.0	8.4	0.19	276	1.79	0.02
DD006311		0.91	13.5	1.58	2.75	<0.05	<0.02	0.10	0.016	0.06	7.9	8.6	0.19	91	2.46	0.02
DD006325		1.21	30.2	0.90	3.66	<0.05	<0.02	0.32	0.032	0.07	14.1	5.7	0.17	41	0.95	0.01
DD006326		0.99	14.7	1.16	2.85	<0.05	<0.02	0.13	0.017	0.06	10.3	8.8	0.21	52	0.93	0.01
DD006327		1.34	28.9	1.95	3.86	<0.05	0.02	0.15	0.025	0.09	12.6	13.8	0.27	82	2.04	0.01
DD006328		1.22	11.8	2.00	3.55	<0.05	<0.02	0.08	0.015	0.06	9.1	8.9	0.23	269	9.09	0.02
DD006329		1.60	16.3	2.31	3.92	<0.05	0.03	0.11	0.021	0.09	13.6	15.6	0.34	468	5.28	0.01
DD006330		1.59	39.6	2.04	4.17	<0.05	0.05	0.16	0.033	0.11	16.5	19.2	0.37	632	1.83	0.01
DD006331		0.97	36.9	2.24	3.64	0.05	0.04	0.10	0.027	0.07	12.4	11.5	0.31	491	2.67	0.01
DD006332		0.98	13.5	1.72	3.04	<0.05	0.04	0.10	0.017	0.06	11.6	11.2	0.27	341	1.93	0.01
DD006333		1.06	12.4	0.89	2.51	<0.05	0.02	0.09	0.014	0.05	10.9	6.1	0.20	44	0.75	0.01
DD006334		0.37	15.7	0.62	1.20	<0.05	0.02	0.04	0.005	0.02	2.6	0.6	0.05	16	0.30	0.03
DD006335		10.50	84.3	1.16	3.17	0.07	0.02	0.10	0.015	0.10	11.8	4.8	0.12	35	0.55	0.02
DD006336		2.46	40.3	1.84	2.83	<0.05	0.05	0.10	0.021	0.10	9.4	8.5	0.26	198	2.53	0.02
DD006337		1.78	31.5	1.80	3.23	0.05	0.03	0.10	0.018	0.09	12.1	11.0	0.34	228	1.89	0.01
DD006338		2.74	17.6	1.90	3.85	<0.05	0.03	0.04	0.020	0.09	11.4	18.2	0.40	180	1.42	0.01
DD006339		1.80	34.1	1.87	3.16	<0.05	0.04	0.11	0.023	0.10	11.6	10.5	0.31	231	1.91	0.02
DD006340		2.43	38.2	2.14	3.07	0.07	0.04	0.10	0.022	0.12	15.3	12.2	0.35	754	2.92	0.02
DD006341		1.74	92.6	2.30	2.36	0.06	0.05	0.19	0.071	0.05	12.5	8.9	0.21	289	2.01	0.01
DD006342		1.29	18.8	1.21	2.92	<0.05	0.02	0.17	0.020	0.06	13.3	8.0	0.22	71	1.11	0.01
DD006343		0.85	9.5	1.18	1.94	<0.05	0.02	0.11	0.013	0.05	4.7	3.3	0.09	500	6.19	0.02
DD006344		1.38	24.8	1.94	3.33	0.05	0.02	0.32	0.032	0.08	16.4	12.6	0.26	141	4.63	0.01



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**CERTIFICATE OF ANALYSIS WH12171407**

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
DD006301		0.32	12.9	690	3.9	3.4	0.003	0.09	0.99	0.7	1.8	0.3	74.3	<0.01	0.03	0.3
DD006302		0.64	24.6	880	11.5	9.5	0.003	0.02	2.30	2.6	1.9	0.6	45.5	<0.01	0.06	2.8
DD006303		0.47	18.3	840	9.1	7.7	0.005	0.06	1.72	1.5	2.8	0.4	57.3	<0.01	0.05	1.0
DD006304		0.51	31.7	860	11.1	8.8	0.005	0.08	2.34	2.2	5.5	0.5	60.9	<0.01	0.07	1.9
DD006305		0.56	31.4	970	13.0	10.2	0.004	0.03	3.08	2.7	1.8	0.7	51.0	<0.01	0.07	3.1
DD006306		0.74	34.3	930	11.0	11.6	0.001	0.02	2.18	3.4	1.3	0.7	53.0	<0.01	0.07	3.1
DD006307		0.84	31.6	830	12.1	10.6	0.004	0.03	1.66	3.8	2.6	0.7	57.3	<0.01	0.06	2.7
DD006308		0.46	12.6	580	7.2	6.2	0.003	0.03	0.98	2.0	1.4	0.3	48.4	<0.01	0.03	1.7
DD006309		0.53	38.7	1050	16.8	12.2	0.003	0.07	2.99	5.2	7.1	0.5	71.7	<0.01	0.09	2.2
DD006310		0.46	11.9	720	5.2	5.5	0.004	0.02	0.94	1.5	2.2	0.3	31.5	<0.01	0.03	1.2
DD006311		0.46	9.9	650	7.5	7.7	0.003	0.02	0.90	1.1	1.3	0.4	22.8	<0.01	0.03	0.4
DD006325		0.61	9.4	700	12.8	9.2	0.001	0.03	1.64	1.5	3.2	0.6	23.5	<0.01	0.06	0.6
DD006326		0.53	8.3	730	7.9	7.6	0.001	0.02	0.77	1.3	1.3	0.5	22.6	<0.01	0.03	0.7
DD006327		0.71	18.2	960	11.0	12.5	0.002	0.03	1.25	2.5	2.4	0.6	31.7	<0.01	0.07	1.6
DD006328		0.66	9.3	770	8.3	8.6	0.002	0.03	1.35	1.2	1.3	0.5	23.9	<0.01	0.05	0.6
DD006329		0.76	15.5	970	12.4	14.8	0.002	0.02	1.67	2.5	1.8	0.7	26.1	<0.01	0.05	2.0
DD006330		0.70	28.1	930	13.7	16.1	0.003	0.03	1.54	3.8	3.0	0.7	45.3	<0.01	0.07	2.3
DD006331		0.78	17.4	960	13.3	7.5	0.003	0.06	1.60	2.6	3.4	0.7	61.1	<0.01	0.06	1.5
DD006332		0.53	9.5	770	11.1	7.0	0.002	0.04	0.90	2.0	1.6	0.5	41.2	<0.01	0.02	2.0
DD006333		0.49	7.9	650	8.8	5.7	0.004	0.06	0.80	1.8	2.0	0.5	36.6	<0.01	<0.01	2.0
DD006334		0.21	4.6	490	2.4	2.1	0.001	0.06	0.34	0.6	0.5	0.2	41.3	<0.01	<0.01	0.3
DD006335		0.29	64.3	500	7.1	17.1	0.003	0.07	1.20	2.4	7.5	0.5	34.2	<0.01	0.02	1.0
DD006336		0.43	23.2	540	7.9	10.3	0.002	0.07	2.02	2.4	2.2	0.4	50.0	<0.01	0.03	1.7
DD006337		0.64	16.8	680	10.2	9.1	0.003	0.04	1.27	2.6	2.0	0.6	39.7	<0.01	0.03	2.3
DD006338		0.62	19.0	670	7.4	13.6	0.001	0.02	1.39	2.4	0.6	0.8	34.2	<0.01	0.04	2.4
DD006339		0.47	21.0	800	10.5	9.3	0.004	0.06	1.40	3.0	1.7	0.6	53.4	<0.01	0.04	2.0
DD006340		0.57	28.0	950	11.6	11.5	0.004	0.05	2.24	3.3	2.3	0.6	56.5	<0.01	0.05	2.9
DD006341		0.29	43.4	970	32.2	7.4	0.005	0.08	2.77	1.8	3.8	0.5	73.7	<0.01	0.08	1.6
DD006342		0.46	10.5	770	11.2	8.1	0.002	0.04	1.18	2.1	3.2	0.5	27.3	<0.01	0.04	1.7
DD006343		0.24	5.7	670	6.7	6.4	0.001	0.03	1.72	0.8	2.9	0.3	17.8	<0.01	0.02	0.2
DD006344		0.49	16.2	800	17.1	8.5	0.002	0.03	3.01	2.7	3.9	0.6	39.2	<0.01	0.06	1.6



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Sample Description	Method Analyte Units LOR	ME-MS41 Ti %	ME-MS41 Ti ppm	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
DD006301		0.014	0.07	1.56	20	0.08	4.30	52	1.3
DD006302		0.021	0.24	1.23	44	0.15	9.94	131	2.2
DD006303		0.017	0.14	0.80	35	0.12	5.03	105	1.2
DD006304		0.016	0.19	2.76	40	0.09	10.10	130	2.0
DD006305		0.022	0.26	0.96	45	0.15	11.70	152	1.1
DD006306		0.024	0.28	0.75	55	0.25	13.40	153	3.0
DD006307		0.020	0.21	1.96	56	0.85	14.70	145	2.2
DD006308		0.015	0.12	0.81	40	0.08	4.93	90	1.5
DD006309		0.007	0.31	3.77	84	0.12	26.6	171	2.7
DD006310		0.020	0.13	1.17	34	0.11	4.59	78	0.8
DD006311		0.019	0.16	0.73	41	0.08	3.55	64	<0.5
DD006325		0.020	0.25	1.17	24	0.10	6.51	45	<0.5
DD006326		0.018	0.18	0.78	32	0.08	4.63	53	<0.5
DD006327		0.013	0.26	1.26	54	0.15	7.38	108	0.7
DD006328		0.026	0.17	0.64	70	0.17	4.01	65	<0.5
DD006329		0.017	0.25	0.96	61	0.14	5.23	110	0.8
DD006330		0.013	0.26	2.19	54	0.13	11.45	176	1.5
DD006331		0.021	0.13	2.89	48	0.17	9.26	77	1.5
DD006332		0.022	0.15	1.09	39	0.27	4.61	79	1.0
DD006333		0.020	0.14	0.98	24	0.17	4.14	38	0.6
DD006334		0.020	0.04	0.43	11	<0.05	1.49	12	0.7
DD006335		0.013	0.17	1.24	21	0.06	11.45	68	<0.5
DD006336		0.016	0.17	0.82	43	0.19	4.32	122	1.4
DD006337		0.028	0.17	1.26	41	0.27	5.30	94	1.0
DD006338		0.030	0.21	0.57	52	0.11	4.07	102	0.9
DD006339		0.015	0.19	1.27	43	0.14	6.08	96	1.2
DD006340		0.022	0.26	1.39	42	0.51	11.45	137	1.8
DD006341		0.011	0.22	1.50	35	0.06	12.60	171	1.7
DD006342		0.015	0.24	1.21	34	0.11	6.03	70	<0.5
DD006343		0.012	0.14	0.62	33	0.07	2.61	37	<0.5
DD006344		0.018	0.30	1.40	46	0.15	9.93	115	<0.5



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

Project: Keg-Group 1

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Finalized Date: 1-AUG-2012  
Account: RANSIL

**CERTIFICATE OF ANALYSIS WH12171407**

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