



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
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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: 19-JUN-2012  
Account: RANSIL

**CERTIFICATE WH12131517**

Project: Keg-Fly-Hammer Zone

P.O. No.:

This report is for 67 Soil samples submitted to our lab in Whitehorse, YT, Canada on 12-JUN-2012.

The following have access to data associated with this certificate:

MATT DUMALA

JOAN MARIACHER

HEATHER SMITH

**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: HEATHER SMITH  
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
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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 WH12131517**

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
DD018379		0.19	0.005	0.18	1.37	8.6	<0.2	<10	110	1.03	0.49	0.23	0.16	48.8	6.9	20
DD018380		0.20	0.001	0.07	0.99	4.7	<0.2	<10	60	0.80	0.40	0.15	0.08	30.5	3.9	11
DD018381		0.27	0.002	0.08	1.25	20.8	<0.2	<10	70	0.95	0.48	0.15	0.17	40.9	5.6	17
DD018382		0.39	0.003	0.12	1.13	16.1	<0.2	<10	100	1.68	0.57	0.24	0.29	82.5	7.4	19
DD018383		0.37	0.003	0.12	1.49	11.1	<0.2	<10	110	0.95	0.38	0.20	0.31	47.1	9.6	26
DD018384		0.41	0.004	0.16	1.03	9.3	<0.2	<10	150	1.02	0.40	0.33	0.27	69.8	7.6	21
DD018385		0.33	0.002	0.17	1.28	9.2	<0.2	<10	120	1.30	0.45	0.23	0.25	75.3	7.3	21
DD018386		0.36	0.002	0.20	1.13	25.0	<0.2	<10	90	1.22	0.44	0.18	0.17	77.4	6.5	19
DD018387		0.25	0.003	0.20	0.98	15.4	<0.2	<10	120	0.79	0.36	0.27	0.28	58.6	7.5	20
DD018388		0.45	0.002	0.29	1.13	17.0	<0.2	<10	130	1.05	0.46	0.20	0.28	61.6	7.0	21
DD018389		0.21	0.002	0.27	1.31	13.3	<0.2	<10	150	0.79	0.56	0.14	0.09	40.9	6.3	22
DD018390		0.45	0.002	0.25	1.47	16.8	<0.2	<10	90	1.16	0.81	0.16	0.15	62.3	7.0	21
DD018391		0.32	0.002	0.21	1.45	15.8	<0.2	<10	110	1.14	0.69	0.14	0.19	50.0	7.8	23
DD018392		0.30	0.002	0.13	1.40	8.0	<0.2	<10	90	0.79	0.47	0.13	0.14	33.6	6.0	21
DD018393		0.14	0.002	0.09	1.43	9.5	<0.2	<10	110	0.87	0.45	0.12	0.15	41.7	16.2	19
DD018394		0.22	0.001	0.15	1.42	7.2	<0.2	<10	80	0.79	0.52	0.12	0.12	34.2	5.8	20
DD018395		0.22	0.001	0.18	1.37	7.9	<0.2	<10	80	0.93	0.68	0.15	0.15	41.5	5.5	19
DD018396		0.31	0.002	0.31	1.24	8.2	<0.2	<10	90	0.79	0.61	0.12	0.17	39.4	4.7	17
DD018397		0.30	0.001	0.18	1.10	9.4	<0.2	<10	100	0.70	0.43	0.23	0.26	46.7	5.6	20
DD018398		0.40	0.002	0.28	1.28	8.3	<0.2	<10	100	0.73	0.61	0.17	0.15	38.0	4.1	18
DD018399		0.31	0.002	0.19	1.06	9.4	<0.2	<10	90	0.64	0.43	0.23	0.23	43.7	5.3	17
DD018400		0.32	0.003	0.28	1.50	11.6	<0.2	<10	120	1.01	0.66	0.16	0.18	44.0	7.8	24
DD018401		0.35	0.002	0.61	1.63	14.7	<0.2	<10	130	1.06	0.71	0.16	0.25	49.1	8.1	24
DD018402		0.37	0.004	1.13	1.95	23.2	<0.2	<10	160	1.34	0.64	0.16	0.21	68.9	9.1	27
DD018403		0.24	0.003	0.56	1.64	14.7	<0.2	<10	120	1.06	0.63	0.13	0.17	37.5	7.3	25
DD018404		0.26	0.004	0.93	1.07	14.3	<0.2	<10	100	0.89	0.44	0.17	0.27	41.2	5.5	18
DD018405		0.30	0.004	0.36	1.46	17.2	<0.2	<10	140	1.33	0.58	0.16	0.18	49.6	7.0	23
DD018406		0.38	0.003	0.20	1.16	11.1	<0.2	<10	80	0.96	0.40	0.19	0.21	43.7	5.5	19
DD018407		0.21	0.005	0.29	2.18	21.8	<0.2	<10	220	2.31	0.77	0.15	0.20	95.2	10.3	30
DD018408		0.24	0.007	0.66	1.20	33.5	<0.2	<10	130	1.24	0.42	0.26	0.37	55.0	6.5	20
DD018409		0.32	0.014	0.27	1.26	50.3	<0.2	<10	100	1.20	0.79	0.28	0.31	53.1	7.1	20
DD018410		0.28	0.004	0.37	1.23	24.1	<0.2	<10	100	1.34	0.66	0.27	0.22	70.3	6.1	20
DD018411		0.34	0.004	0.29	1.24	29.6	<0.2	<10	130	1.39	0.40	0.27	0.40	59.5	7.0	21
DD018412		0.25	0.004	0.16	1.73	13.9	<0.2	<10	100	0.81	0.31	0.14	0.31	32.4	6.9	31
DD018413		0.27	0.002	0.24	0.92	27.0	<0.2	<10	80	1.38	0.47	0.23	0.27	65.8	5.4	15
DD018414		0.19	0.005	3.62	1.18	99.2	<0.2	<10	90	1.92	0.76	0.13	0.22	50.2	6.3	16
CC142492		0.17	0.002	0.36	0.71	297	<0.2	<10	170	1.69	0.11	0.06	0.06	62.1	2.9	5
CC142493		0.14	0.003	0.16	1.44	9.2	<0.2	<10	130	2.20	0.97	0.24	0.08	68.8	5.4	19
CC142494		0.20	0.003	1.71	1.40	16.2	<0.2	<10	100	0.95	0.56	0.22	0.26	59.4	9.6	24
CC142495		0.25	0.008	0.10	1.30	158.5	<0.2	<10	90	0.61	0.56	0.12	0.30	32.4	6.7	25



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Project: Keg-Fly-Hammer Zone

**CERTIFICATE OF ANALYSIS WH12131517**

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
DD018379		6.99	19.5	2.24	5.91	0.09	0.03	0.04	0.028	0.09	24.2	27.9	0.40	291	1.14
DD018380		4.62	21.1	1.58	4.22	0.05	<0.02	0.03	0.016	0.06	15.0	18.7	0.21	177	0.68
DD018381		6.00	10.5	2.11	6.63	0.07	0.02	0.04	0.023	0.11	20.4	43.2	0.37	276	0.85
DD018382		11.30	26.3	2.41	5.24	0.13	0.04	0.03	0.025	0.08	44.2	23.2	0.34	827	1.28
DD018383		3.21	19.2	2.56	5.00	0.10	0.06	0.03	0.032	0.08	22.2	25.8	0.46	491	1.52
DD018384		6.16	18.4	2.22	4.15	0.11	0.07	0.02	0.028	0.09	36.8	19.6	0.36	565	1.03
DD018385		6.72	18.6	2.25	4.95	0.11	0.04	0.03	0.034	0.08	35.9	22.4	0.38	412	1.04
DD018386		5.74	14.3	2.11	4.64	0.11	0.02	0.03	0.029	0.08	39.7	18.3	0.30	457	1.12
DD018387		3.53	15.5	2.10	3.95	0.09	0.04	0.02	0.024	0.07	27.5	16.0	0.33	749	1.11
DD018388		4.87	15.4	2.10	4.53	0.09	0.03	0.03	0.030	0.07	28.0	19.0	0.33	449	1.13
DD018389		6.06	11.6	2.19	6.01	0.07	<0.02	0.06	0.028	0.07	21.6	21.6	0.34	340	1.38
DD018390		5.78	16.5	2.27	6.68	0.10	0.03	0.03	0.029	0.11	31.3	36.4	0.42	349	0.94
DD018391		4.76	16.6	2.32	6.48	0.08	0.02	0.03	0.032	0.11	24.1	35.4	0.43	473	1.03
DD018392		3.47	16.0	2.23	6.05	0.07	0.02	0.04	0.026	0.09	16.5	28.3	0.39	266	1.07
DD018393		3.40	19.0	2.44	5.59	0.08	0.02	0.03	0.023	0.09	18.6	27.0	0.37	1590	1.05
DD018394		3.66	17.0	2.09	6.02	0.06	0.02	0.03	0.025	0.09	16.9	29.0	0.38	282	1.04
DD018395		4.24	17.3	2.23	5.96	0.08	0.02	0.03	0.027	0.09	20.8	29.7	0.37	242	0.97
DD018396		3.26	14.0	1.87	5.41	0.07	0.02	0.03	0.024	0.08	18.8	24.6	0.32	204	0.90
DD018397		2.17	12.9	1.96	4.84	0.10	0.02	0.01	0.023	0.09	23.7	24.2	0.38	292	0.80
DD018398		3.11	11.2	1.68	5.23	0.08	0.02	0.03	0.019	0.07	19.9	25.0	0.35	166	0.74
DD018399		1.96	12.2	1.83	4.34	0.09	0.03	0.01	0.018	0.07	21.9	19.5	0.31	314	0.83
DD018400		2.98	13.1	2.44	6.33	0.09	0.02	0.03	0.028	0.08	21.6	28.5	0.44	529	1.19
DD018401		3.19	17.4	2.53	6.50	0.10	0.02	0.04	0.032	0.08	23.5	24.6	0.40	689	1.35
DD018402		4.00	18.2	2.75	7.08	0.12	0.03	0.05	0.035	0.08	35.7	25.2	0.47	640	1.63
DD018403		3.77	11.7	2.56	6.39	0.08	<0.02	0.06	0.034	0.09	20.3	25.1	0.44	461	1.37
DD018404		2.55	10.9	1.96	4.59	0.09	<0.02	0.03	0.021	0.06	21.4	18.2	0.31	423	1.10
DD018405		4.74	12.8	2.33	5.16	0.09	0.03	0.04	0.030	0.08	25.8	21.0	0.36	559	1.28
DD018406		3.49	11.5	1.99	4.17	0.09	0.02	0.03	0.023	0.07	23.8	19.0	0.34	302	1.06
DD018407		9.80	23.4	3.09	7.13	0.19	0.05	0.06	0.039	0.10	61.7	25.8	0.46	781	1.76
DD018408		4.36	16.2	2.01	4.41	0.10	0.04	0.04	0.020	0.07	29.3	18.3	0.35	729	1.18
DD018409		6.46	12.2	2.08	4.29	0.09	0.06	0.03	0.022	0.07	24.4	21.3	0.38	415	1.22
DD018410		9.13	10.5	2.25	4.89	0.11	0.02	0.03	0.025	0.09	37.4	18.5	0.35	487	1.15
DD018411		5.57	13.3	2.19	4.31	0.11	0.04	0.02	0.023	0.08	28.9	18.7	0.40	540	1.15
DD018412		1.46	13.5	2.93	5.32	0.09	0.03	0.05	0.026	0.07	16.1	14.2	0.49	258	1.89
DD018413		9.43	12.3	1.87	3.84	0.13	0.04	0.03	0.020	0.07	34.9	16.5	0.28	482	0.77
DD018414		27.9	16.6	2.87	4.37	0.10	0.02	0.05	0.033	0.10	26.1	19.5	0.28	991	1.28
CC142492		16.00	7.1	6.66	3.20	0.18	0.03	0.02	0.090	0.56	37.5	4.8	0.07	210	1.48
CC142493		9.84	12.2	2.32	5.08	0.12	0.03	0.02	0.025	0.08	36.1	21.8	0.37	373	0.75
CC142494		3.88	16.2	2.56	5.40	0.12	0.03	0.03	0.027	0.13	29.8	31.7	0.52	579	1.11
CC142495		3.41	13.6	2.72	6.59	0.08	0.02	0.04	0.070	0.08	14.9	20.6	0.38	286	1.59



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		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm 0.05	ppm 0.2	ppm 10	ppm 0.2	ppm 0.1	ppm 0.001	% 0.01	ppm 0.05	ppm 0.1	ppm 0.2	ppm 0.2	ppm 0.2	ppm 0.01	ppm 0.01
DD018379		1.20	17.5	960	27.3	18.2	<0.001	0.02	0.88	2.7	0.6	0.8	15.9	0.01	0.03
DD018380		0.58	8.5	800	12.3	13.0	<0.001	0.03	0.63	1.2	0.5	0.5	11.2	<0.01	0.03
DD018381		0.95	13.2	740	17.2	23.5	<0.001	0.02	1.82	1.7	0.5	1.0	10.3	<0.01	0.02
DD018382		0.86	17.1	920	32.8	16.4	<0.001	0.01	1.83	3.1	0.7	0.6	16.4	0.01	0.02
DD018383		1.33	23.6	780	21.6	16.1	<0.001	0.02	1.03	3.1	0.7	0.6	15.2	0.01	0.03
DD018384		0.77	18.1	960	24.0	16.1	<0.001	<0.01	1.09	3.5	0.5	0.6	20.1	<0.01	0.02
DD018385		0.96	19.0	860	26.8	17.4	<0.001	0.01	0.85	2.9	0.6	0.6	14.1	<0.01	0.03
DD018386		0.75	15.6	780	25.3	17.8	<0.001	0.01	1.11	2.2	0.6	0.6	12.0	<0.01	0.02
DD018387		0.91	16.8	880	21.9	14.0	<0.001	<0.01	1.73	2.8	0.6	0.5	17.0	<0.01	0.02
DD018388		0.92	16.4	800	31.3	17.2	<0.001	0.01	3.08	2.7	0.5	0.7	13.6	<0.01	0.02
DD018389		0.81	14.9	730	27.1	20.4	<0.001	0.04	1.67	1.7	0.5	0.8	13.4	<0.01	0.02
DD018390		1.17	16.4	740	30.1	25.6	<0.001	0.01	2.27	2.4	0.6	1.0	12.7	<0.01	0.02
DD018391		1.24	17.9	640	29.0	24.1	<0.001	0.02	1.77	2.5	0.6	1.0	13.1	<0.01	0.02
DD018392		0.99	15.6	740	17.7	19.9	<0.001	0.04	0.66	1.8	0.6	0.9	10.5	<0.01	0.03
DD018393		0.91	14.7	650	16.6	19.9	<0.001	0.03	0.56	1.9	0.7	0.9	12.0	0.01	0.03
DD018394		0.98	14.6	700	24.2	20.5	<0.001	0.03	0.61	1.9	0.5	0.9	10.2	<0.01	0.03
DD018395		1.11	13.9	740	40.5	21.0	<0.001	0.02	0.67	2.0	0.6	1.0	10.4	<0.01	0.03
DD018396		0.84	12.9	730	26.8	18.4	<0.001	0.03	0.89	1.8	0.5	0.8	9.2	<0.01	0.02
DD018397		1.06	16.1	850	20.2	16.1	<0.001	<0.01	1.28	2.5	0.5	0.7	11.3	<0.01	0.02
DD018398		0.93	13.0	720	22.2	17.6	<0.001	0.03	1.43	1.8	0.4	0.7	9.2	<0.01	0.02
DD018399		1.05	14.3	820	24.2	14.1	<0.001	0.01	2.22	2.3	0.5	0.6	10.7	<0.01	0.02
DD018400		1.02	18.9	750	27.7	20.5	<0.001	0.01	2.71	2.5	0.6	0.9	10.7	<0.01	0.03
DD018401		0.95	19.6	840	36.5	20.3	<0.001	0.02	5.71	2.5	0.6	0.8	10.7	<0.01	0.04
DD018402		1.02	21.6	860	44.0	21.0	<0.001	0.03	6.23	3.0	0.8	1.0	11.4	<0.01	0.04
DD018403		0.99	16.7	690	35.3	21.5	<0.001	0.03	3.15	2.0	0.5	0.9	10.8	<0.01	0.03
DD018404		0.59	13.9	640	33.6	14.6	<0.001	0.02	6.42	1.5	0.6	0.7	11.0	<0.01	0.03
DD018405		0.94	16.5	710	34.4	21.3	<0.001	0.02	2.77	2.5	0.6	0.7	11.3	<0.01	0.03
DD018406		0.89	15.1	780	18.3	15.9	<0.001	0.02	1.39	2.0	0.6	0.5	11.3	<0.01	0.03
DD018407		1.05	23.2	930	46.9	28.3	<0.001	0.04	3.30	4.2	1.3	0.9	12.7	0.01	0.05
DD018408		1.01	18.1	950	28.4	14.0	<0.001	0.01	3.44	2.7	0.7	0.5	14.8	<0.01	0.03
DD018409		1.06	18.9	1050	54.3	11.9	<0.001	0.01	3.01	2.5	0.5	0.5	14.5	<0.01	0.03
DD018410		0.88	13.5	950	36.3	20.0	<0.001	0.02	1.82	2.6	0.6	0.6	13.8	<0.01	0.03
DD018411		0.99	19.4	930	23.8	14.3	<0.001	0.01	1.68	2.8	0.6	0.5	15.9	<0.01	0.02
DD018412		1.93	21.4	410	21.3	12.8	<0.001	0.02	1.12	2.9	0.8	0.6	10.8	<0.01	0.04
DD018413		0.70	12.6	850	27.7	15.9	<0.001	0.01	2.16	2.5	0.7	0.4	12.5	<0.01	0.02
DD018414		0.60	11.6	670	70.6	26.4	<0.001	0.03	12.20	2.7	0.6	1.4	11.7	<0.01	0.03
CC142492		0.25	3.7	670	15.4	82.2	<0.001	1.21	5.20	4.9	0.6	0.3	55.7	<0.01	0.02
CC142493		0.93	13.3	740	32.1	20.3	<0.001	0.01	1.08	3.0	0.6	0.9	13.4	<0.01	0.02
CC142494		1.39	23.2	770	56.6	20.4	<0.001	0.01	2.24	3.1	0.4	1.0	11.3	<0.01	0.02
CC142495		1.55	19.3	370	44.0	18.3	<0.001	0.03	1.99	2.2	0.5	1.0	9.8	<0.01	0.04



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Project: Keg-Fly-Hammer Zone

**CERTIFICATE OF ANALYSIS WH12131517**

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
DD018379		0.055	0.20	4.49	37	0.28	9.54	86	0.7
DD018380		0.035	0.16	3.25	29	0.32	5.05	48	<0.5
DD018381		0.044	0.26	3.16	31	0.42	6.26	80	<0.5
DD018382		0.046	0.17	7.32	34	0.52	13.55	98	1.0
DD018383		0.056	0.19	2.82	42	0.49	7.86	86	1.7
DD018384		0.059	0.16	5.61	35	0.39	12.60	89	3.2
DD018385		0.047	0.19	7.19	37	0.30	11.10	94	0.8
DD018386		0.033	0.22	7.02	32	0.30	9.77	80	<0.5
DD018387		0.051	0.17	3.77	35	0.30	9.01	84	1.4
DD018388		0.038	0.21	5.12	34	0.40	9.37	86	0.5
DD018389		0.033	0.30	3.38	39	0.47	5.71	63	<0.5
DD018390		0.041	0.30	5.68	35	0.48	8.24	88	0.6
DD018391		0.047	0.35	4.04	35	0.34	6.79	85	0.5
DD018392		0.052	0.21	2.65	39	0.31	5.69	65	<0.5
DD018393		0.050	0.25	2.79	35	0.26	6.59	61	<0.5
DD018394		0.049	0.20	2.81	35	0.29	5.72	64	<0.5
DD018395		0.050	0.21	3.57	36	0.39	6.47	69	0.5
DD018396		0.038	0.19	3.28	29	0.30	6.18	66	<0.5
DD018397		0.052	0.15	2.57	32	0.34	7.60	76	0.7
DD018398		0.038	0.17	2.77	29	0.33	5.22	68	<0.5
DD018399		0.045	0.15	2.31	30	0.33	7.14	63	1.2
DD018400		0.042	0.21	3.18	39	0.67	6.47	86	<0.5
DD018401		0.041	0.21	4.12	42	0.41	6.44	93	<0.5
DD018402		0.039	0.26	5.81	48	0.45	9.19	96	<0.5
DD018403		0.035	0.24	2.87	44	0.38	4.35	82	<0.5
DD018404		0.030	0.16	2.62	33	0.35	5.52	77	<0.5
DD018405		0.033	0.20	5.03	38	0.40	6.85	89	0.5
DD018406		0.038	0.16	2.86	33	0.39	6.22	70	<0.5
DD018407		0.031	0.32	14.20	49	0.53	19.90	103	0.8
DD018408		0.041	0.17	6.03	35	1.25	9.46	102	1.1
DD018409		0.042	0.14	2.92	35	0.31	7.89	108	1.5
DD018410		0.032	0.19	6.47	32	0.40	9.77	95	0.6
DD018411		0.045	0.17	3.81	36	0.32	8.56	93	1.4
DD018412		0.067	0.16	1.33	50	0.44	4.53	62	0.7
DD018413		0.030	0.23	10.30	26	0.31	10.85	84	0.9
DD018414		0.017	0.30	5.59	31	0.49	7.16	154	<0.5
CC142492		<0.005	1.66	2.11	23	0.51	9.86	58	1.2
CC142493		0.031	0.20	5.58	30	0.56	10.80	88	0.6
CC142494		0.061	0.19	3.16	34	0.41	7.70	111	0.6
CC142495		0.071	0.28	1.36	52	0.46	3.50	87	<0.5



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**CERTIFICATE OF ANALYSIS WH12131517**

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
CC142496		0.32	0.004	0.16	0.97	21.4	<0.2	<10	100	1.18	0.56	0.25	0.19	72.4	6.6	17
CC142497		0.21	0.003	0.14	1.84	8.9	<0.2	<10	140	0.97	0.59	0.21	0.20	44.9	8.5	29
CC142100		0.30	0.004	0.28	1.25	15.1	<0.2	<10	100	1.07	0.57	0.27	0.45	42.2	7.1	21
CC142101		0.33	0.004	0.48	0.91	31.6	<0.2	<10	150	2.16	1.09	0.24	0.26	69.6	6.1	14
CC142102		0.37	0.003	0.18	1.26	13.0	<0.2	<10	110	1.39	0.66	0.23	0.21	52.8	6.9	20
CC142103		0.33	0.008	0.43	1.40	160.5	<0.2	<10	80	1.14	0.43	0.23	0.12	53.3	6.6	14
CC142104		0.22	0.003	0.13	1.00	20.1	<0.2	<10	70	0.49	0.36	0.13	0.25	34.3	5.2	20
CC142105		0.19	0.007	0.30	1.79	96.4	<0.2	<10	100	1.14	1.44	0.08	0.37	32.0	8.1	27
CC142106		0.18	0.002	0.19	2.84	33.1	<0.2	<10	170	1.59	1.16	0.11	0.17	47.2	13.8	38
CC142107		0.25	0.007	0.20	1.43	22.2	<0.2	<10	130	1.27	1.06	0.25	0.12	64.4	4.7	11
CC142108		0.32	0.002	0.20	1.33	10.2	<0.2	<10	100	1.12	0.52	0.20	0.20	52.1	6.2	21
CC142109		0.23	0.003	0.10	1.23	18.9	<0.2	<10	90	1.18	0.47	0.21	0.19	57.0	6.4	20
CC142110		0.24	0.004	0.18	1.10	20.5	<0.2	<10	80	0.67	0.46	0.10	0.13	39.2	5.1	20
CC142111		0.20	0.003	0.45	1.47	18.7	<0.2	<10	110	1.22	0.52	0.13	0.35	50.8	7.4	24
CC142112		0.22	0.003	1.23	1.28	20.6	<0.2	<10	130	1.39	0.58	0.18	0.25	58.7	6.7	22
CC142113		0.28	0.003	0.70	1.29	14.7	<0.2	<10	120	1.01	0.59	0.18	0.28	44.3	7.9	22
CC142114		0.22	0.003	0.51	1.12	14.8	<0.2	<10	100	0.83	0.47	0.15	0.13	35.0	5.4	17
CC142115		0.18	0.001	0.19	1.52	10.2	<0.2	<10	130	1.09	0.61	0.14	0.18	46.3	8.1	22
CC142116		0.24	0.002	0.28	1.55	12.4	<0.2	<10	130	1.05	1.20	0.09	0.17	37.7	7.2	22
CC142117		0.30	0.002	0.54	1.49	11.7	<0.2	<10	100	1.02	1.28	0.14	0.17	38.8	6.9	20
CC142118		0.16	0.001	0.11	1.15	6.8	<0.2	<10	90	0.66	0.53	0.13	0.26	33.4	5.8	18
CC142119		0.22	0.002	0.14	1.39	5.0	<0.2	<10	90	0.86	0.53	0.12	0.14	35.5	5.9	20
CC142120		0.21	0.004	0.18	1.06	7.3	<0.2	<10	90	0.79	0.59	0.13	0.22	32.3	6.3	17
CC142121		0.35	0.003	0.21	1.18	9.2	<0.2	<10	70	0.91	0.70	0.17	0.19	49.1	6.5	18
CC142122		0.23	0.003	0.18	1.09	7.2	<0.2	<10	100	0.75	0.56	0.16	0.16	31.9	5.7	18
CC142123		0.40	0.002	0.16	1.07	9.4	<0.2	<10	70	0.67	0.51	0.20	0.19	38.2	6.0	19
CC142124		0.21	0.002	0.31	0.91	7.7	<0.2	<10	50	0.65	0.59	0.13	0.29	37.9	6.8	15



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**CERTIFICATE OF ANALYSIS WH12131517**

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
CC142496		9.65	16.0	2.20	3.93	0.13	0.05	0.02	0.025	0.09	37.3	16.8	0.29	950	1.06
CC142497		4.07	17.8	2.68	6.92	0.10	0.03	0.03	0.026	0.12	22.3	35.1	0.52	352	1.20
CC142100		4.17	13.9	2.30	4.43	0.09	0.03	0.03	0.035	0.08	21.8	20.0	0.39	411	1.18
CC142101		20.5	12.1	2.18	3.24	0.12	0.03	0.04	0.023	0.09	37.0	15.0	0.22	688	0.87
CC142102		8.01	12.7	2.30	4.53	0.11	0.02	0.03	0.032	0.08	26.2	19.3	0.36	569	1.07
CC142103		10.05	12.2	2.81	5.18	0.12	0.03	0.02	0.031	0.08	27.3	26.6	0.51	490	1.07
CC142104		3.31	10.0	2.23	5.11	0.07	<0.02	0.04	0.029	0.05	15.9	13.9	0.30	297	1.24
CC142105		17.60	14.7	3.52	7.42	0.09	0.02	0.06	0.046	0.11	15.5	15.8	0.30	1070	2.33
CC142106		12.00	19.6	4.13	9.92	0.11	0.02	0.05	0.053	0.11	24.7	35.5	0.65	1160	2.41
CC142107		11.35	11.5	1.95	4.38	0.10	0.03	0.03	0.028	0.10	34.0	14.0	0.21	463	0.88
CC142108		3.65	13.5	2.16	4.71	0.09	0.02	0.03	0.024	0.07	27.6	17.8	0.35	367	1.23
CC142109		5.04	13.5	2.03	4.62	0.09	0.03	0.04	0.023	0.07	29.5	17.9	0.32	350	1.13
CC142110		3.08	10.9	2.05	5.21	0.08	<0.02	0.06	0.023	0.05	19.6	15.0	0.28	266	1.43
CC142111		2.91	13.9	2.38	5.19	0.09	0.02	0.06	0.027	0.07	23.6	24.4	0.40	555	1.29
CC142112		6.53	18.9	2.37	5.24	0.08	0.02	0.05	0.025	0.07	32.7	19.8	0.31	574	1.18
CC142113		3.60	15.0	2.38	5.33	0.07	<0.02	0.06	0.029	0.08	21.6	21.2	0.33	779	1.15
CC142114		4.84	15.6	1.97	4.52	0.06	<0.02	0.05	0.026	0.07	17.8	15.6	0.26	335	0.95
CC142115		5.05	19.5	2.36	6.04	0.07	0.02	0.03	0.028	0.08	22.5	29.4	0.39	392	1.07
CC142116		4.63	24.3	2.44	6.27	0.06	<0.02	0.05	0.032	0.08	17.8	26.9	0.34	502	1.20
CC142117		4.22	27.4	2.23	5.81	0.06	0.02	0.03	0.031	0.08	18.3	28.2	0.37	278	0.96
CC142118		3.00	14.6	1.90	5.64	0.06	<0.02	0.03	0.020	0.09	15.9	31.9	0.38	231	0.80
CC142119		3.68	17.5	1.76	6.05	0.06	<0.02	0.03	0.023	0.08	17.2	32.2	0.38	207	0.84
CC142120		3.03	14.0	1.86	5.28	0.06	<0.02	0.04	0.018	0.09	16.1	29.6	0.33	344	0.75
CC142121		3.07	14.7	2.07	6.04	0.07	0.02	0.01	0.021	0.09	24.1	30.3	0.36	341	0.78
CC142122		3.11	13.8	1.88	5.28	0.06	<0.02	0.03	0.021	0.09	16.3	30.7	0.36	241	0.79
CC142123		2.37	14.9	2.07	5.01	0.07	0.02	0.02	0.026	0.08	18.7	28.7	0.37	254	0.91
CC142124		2.16	11.9	1.86	5.21	0.06	<0.02	0.04	0.020	0.12	18.3	32.8	0.32	368	0.66



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**CERTIFICATE OF ANALYSIS WH12131517**

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
CC142496		0.86	15.6	890	28.0	17.0	<0.001	0.03	1.69	3.0	0.6	0.5	15.3	<0.01	0.01	16.0
CC142497		1.73	21.5	800	18.1	26.0	<0.001	0.02	0.77	3.8	0.7	1.1	14.2	<0.01	0.03	4.1
CC142100		1.20	19.0	980	33.1	17.4	<0.001	0.01	1.09	2.5	0.6	0.6	15.0	<0.01	0.03	6.5
CC142101		0.56	13.4	770	44.3	19.7	<0.001	0.02	2.34	2.0	0.7	0.5	12.8	<0.01	0.02	8.2
CC142102		0.96	15.6	910	27.8	17.7	<0.001	0.02	1.04	2.7	0.7	0.6	13.8	<0.01	0.03	4.9
CC142103		0.66	9.6	780	25.4	20.8	<0.001	0.01	7.69	4.0	0.6	0.5	13.6	<0.01	0.02	6.9
CC142104		0.86	13.5	620	24.8	15.3	<0.001	0.05	1.40	1.3	0.6	0.6	9.9	<0.01	0.04	1.0
CC142105		0.86	14.5	1260	61.3	32.2	<0.001	0.10	3.78	1.2	0.7	1.1	10.3	<0.01	0.05	0.5
CC142106		1.30	24.3	970	43.0	29.0	<0.001	0.06	1.84	2.8	0.9	1.2	12.6	<0.01	0.07	1.6
CC142107		0.48	8.7	850	62.9	19.3	<0.001	0.03	2.32	1.6	0.6	0.6	17.2	<0.01	0.02	11.0
CC142108		0.97	16.2	770	24.8	17.1	<0.001	0.01	0.97	2.3	0.6	0.6	12.7	<0.01	0.02	5.5
CC142109		0.98	17.2	810	23.4	15.3	<0.001	0.01	1.23	2.3	0.6	0.5	12.3	<0.01	0.03	7.8
CC142110		0.54	14.2	580	21.7	14.6	<0.001	0.04	1.51	1.1	0.5	0.6	8.7	<0.01	0.03	0.8
CC142111		0.94	19.4	640	37.7	16.6	<0.001	0.03	5.95	2.0	0.6	0.7	9.7	<0.01	0.04	4.1
CC142112		0.72	19.0	920	52.1	14.2	<0.001	0.07	9.98	2.0	0.7	0.7	11.3	<0.01	0.02	2.6
CC142113		0.84	19.7	920	49.4	15.7	<0.001	0.06	17.25	1.9	0.7	0.8	11.6	<0.01	0.02	2.8
CC142114		0.72	14.4	840	23.5	14.4	<0.001	0.07	2.76	1.5	0.6	0.5	11.6	<0.01	0.02	1.4
CC142115		1.06	19.4	780	28.4	18.1	<0.001	0.04	1.55	2.1	0.8	0.8	10.7	<0.01	0.02	1.9
CC142116		0.79	18.4	730	79.7	18.1	<0.001	0.03	2.01	1.4	0.6	0.8	9.7	<0.01	0.02	0.8
CC142117		1.09	17.4	730	85.3	17.1	<0.001	0.01	2.27	1.9	0.7	0.8	10.2	<0.01	0.02	2.3
CC142118		1.09	16.4	630	17.5	17.4	<0.001	0.01	0.72	1.6	0.6	0.9	9.8	<0.01	0.01	1.6
CC142119		1.00	16.2	690	21.1	18.0	<0.001	0.02	0.65	1.6	0.6	0.9	9.2	<0.01	0.01	1.0
CC142120		0.84	14.9	650	21.3	16.9	<0.001	0.06	0.94	1.5	0.6	0.7	9.2	<0.01	0.01	1.6
CC142121		1.14	17.1	780	25.4	16.3	<0.001	0.03	1.23	2.1	0.6	0.8	9.0	<0.01	0.02	6.8
CC142122		1.02	16.1	710	19.5	17.3	<0.001	0.04	0.79	1.9	0.5	0.8	10.7	<0.01	0.01	2.2
CC142123		1.08	18.6	820	24.2	13.2	<0.001	0.02	0.86	1.9	0.6	0.7	10.5	<0.01	0.02	3.7
CC142124		0.63	15.3	700	23.5	18.0	<0.001	0.03	1.08	1.1	0.5	0.7	7.1	<0.01	0.01	1.3





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Account: RANSIL

Project: Keg-Fly-Hammer Zone

**CERTIFICATE OF ANALYSIS WH12131517**

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
CC142496		0.049	0.22	7.30	32	0.42	10.35	85	2.6
CC142497		0.076	0.28	3.57	47	0.41	8.41	81	0.8
CC142100		0.051	0.19	3.11	38	0.27	6.92	93	0.8
CC142101		0.019	0.25	8.04	21	0.32	11.20	109	0.5
CC142102		0.040	0.26	5.79	35	0.33	8.99	90	<0.5
CC142103		0.023	0.52	2.52	41	0.59	9.06	75	0.8
CC142104		0.046	0.17	1.35	40	0.31	3.66	58	<0.5
CC142105		0.019	0.67	4.88	52	1.70	3.52	109	<0.5
CC142106		0.042	0.46	7.92	69	0.50	6.97	110	<0.5
CC142107		0.009	0.23	5.06	19	0.50	8.34	73	0.9
CC142108		0.038	0.19	3.89	38	0.42	6.81	69	<0.5
CC142109		0.035	0.20	4.11	35	0.33	7.46	76	0.8
CC142110		0.031	0.21	2.45	39	0.33	4.76	61	<0.5
CC142111		0.037	0.22	2.86	40	0.47	5.47	90	<0.5
CC142112		0.036	0.22	7.60	37	0.41	8.98	104	<0.5
CC142113		0.040	0.20	3.51	38	0.37	6.56	95	<0.5
CC142114		0.033	0.18	3.55	32	0.30	5.15	69	<0.5
CC142115		0.043	0.24	3.81	39	0.33	7.10	81	<0.5
CC142116		0.034	0.28	3.27	37	0.74	5.50	87	<0.5
CC142117		0.039	0.26	3.21	34	0.71	5.88	91	0.5
CC142118		0.050	0.19	2.09	32	0.28	4.99	69	<0.5
CC142119		0.049	0.20	2.51	34	0.31	5.32	66	<0.5
CC142120		0.041	0.18	2.36	29	0.28	5.41	72	<0.5
CC142121		0.046	0.19	2.98	32	0.53	7.03	77	0.6
CC142122		0.045	0.17	2.18	30	0.28	5.82	68	<0.5
CC142123		0.046	0.15	1.97	33	2.24	6.25	75	<0.5
CC142124		0.036	0.15	1.91	26	0.43	5.83	73	<0.5



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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).