



ALS USA Inc.  
4977 Energy Way  
Reno NV 89502  
Phone: +1 775 356 5395 Fax: +1 775 355 0179  
www.alsglobal.com/geochemistry

To: RED RIVER CREEK MINING GROUP LLC  
1712 CAREY AVENUE  
SUITE 100  
CHEYENNE WY 82001

Page: 1  
Total # Pages: 2 (A - G)  
Plus Appendix Pages  
Finalized Date: 11-JUL-2020  
Account: KEERRG

## CERTIFICATE RE20131728

This report is for 7 Rock samples submitted to our lab in Reno, NV, USA on 22-JUN-2020.

The following have access to data associated with this certificate:

STEPHAN FINCH

CHARLES REDDIEN

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
SND-ALS	Send samples to internal laboratory
PUL-31	Pulverize up to 250g 85% <75 um
CRU-21	Crush entire sample

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-AA45	Trace Ag - aqua regia/AAS	AAS
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Rh-MS25	Rh 30g FA ICP-MS	ICP-MS
ME-MS61r	4A multi-element ICP-MS + REE	

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim 'or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project. Statement required by Nevada State Law NRS 519

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:

Saa Traxler, General Manager, North Vancouver



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Page: 2 - A  
Total # Pages: 2 (A - G)  
Plus Appendix Pages  
Finalized Date: 11-JUL-2020  
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CERTIFICATE OF ANALYSIS RE20131728

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
		Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
		kg 0.02	ppm 0.01	% 0.01	ppm 0.2	ppm 10	ppm 0.05	ppm 0.01	% 0.01	ppm 0.02	ppm 0.01	ppm 0.1	ppm 1	ppm 0.05	ppm 0.2	% 0.01
154756		2.30	0.08	6.44	40.0	710	1.25	0.12	1.61	0.07	54.3	5.3	34	2.05	13.4	2.38
154755-6		0.06														
154751B		1.22	0.04	8.13	5.4	610	1.39	0.05	4.50	0.06	32.1	36.3	93	0.25	41.8	6.84
154755		3.30	0.07	6.65	40.2	820	1.37	0.11	1.45	0.07	58.4	5.3	29	2.25	13.1	2.28
154752		3.11	0.05	8.26	4.8	730	1.93	0.05	3.32	0.07	80.6	7.9	8	1.19	10.1	3.63
154751		0.30	0.09	0.34	6.0	100	0.09	0.01	36.3	0.06	2.69	3.0	4	0.10	5.6	0.26
154753		3.34	0.05	7.94	5.0	1300	1.62	0.09	2.07	0.08	80.5	5.1	11	1.77	11.8	2.60
						</										



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Page: 2 - B  
Total # Pages: 2 (A - G)  
Plus Appendix Pages  
Finalized Date: 11-JUL-2020  
Account: KEERRG

CERTIFICATE OF ANALYSIS RE20131728

Sample Description	Method Analyte Units LOD	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
		Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		ppm 0.05	ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1	ppm 0.2	ppm 10
154756		14.30	0.17	0.5	0.035	1.51	27.4	19.3	0.47	330	0.68	2.04	11.6	16.9	750
154755-6															10.6
154751B		18.15	0.14	2.3	0.071	1.52	15.3	40.9	3.16	1160	0.52	2.89	15.5	64.9	1180
154755		14.80	0.14	0.5	0.032	1.65	29.9	22.9	0.42	339	0.79	2.04	11.8	17.6	510
154752		24.7	0.18	0.6	0.057	1.29	36.5	23.6	0.85	536	1.27	2.64	17.9	4.0	1220
154751		0.98	0.11	0.1	<0.005	0.07	1.7	3.8	0.30	79	0.14	0.10	0.5	1.9	650
154753		19.55	0.21	0.5	0.039	2.57	41.6	20.9	0.56	406	0.89	2.30	13.5	5.3	750
															72.1



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Page: 2 - C  
Total # Pages: 2 (A - G)  
Plus Appendix Pages  
Finalized Date: 11-JUL-2020  
Account: KEERRG

CERTIFICATE OF ANALYSIS RE20131728

Sample Description	Method Analyte Units LOD	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
		Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
154756		49.9	<0.002	0.01	8.11	6.4	<1	1.3	346	0.77	<0.05	6.71	0.334	0.27	1.5
154755-6															
154751B		41.4	<0.002	0.02	1.65	24.5	<1	1.4	485	0.90	<0.05	1.62	0.995	0.27	0.7
154755		57.2	<0.002	0.01	7.59	6.0	<1	1.3	375	0.82	<0.05	7.17	0.318	0.30	1.4
154752		42.0	<0.002	<0.01	0.70	6.8	<1	1.9	760	1.18	<0.05	7.17	0.554	0.24	2.1
154751		2.3	<0.002	0.07	0.32	0.8	1	<0.2	536	<0.05	<0.05	0.24	0.029	<0.02	2.9
154753		75.1	<0.002	0.01	3.25	4.5	<1	2.4	555	0.91	<0.05	9.00	0.365	0.35	1.9



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Page: 2 - D  
Total # Pages: 2 (A - G)  
Plus Appendix Pages  
Finalized Date: 11-JUL-2020  
Account: KEERRG

CERTIFICATE OF ANALYSIS RE20131728

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		W	Y	Zn	Zr	Dy	Er	Eu	Gd	Ho	Lu	Nd	Pr	Sm	Tb	Tm
		ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	ppm 0.05	ppm 0.03	ppm 0.03	ppm 0.05	ppm 0.01	ppm 0.01	ppm 0.1	ppm 0.03	ppm 0.03	ppm 0.01	ppm 0.01
154756		6.3	14.8	45	12.7	2.66	1.37	1.01	3.37	0.52	0.17	22.6	6.32	4.21	0.50	0.19
154755-6																
154751B		0.5	23.3	90	91.3	4.15	2.28	1.26	4.32	0.86	0.28	16.2	3.94	3.99	0.71	0.31
154755		6.3	14.8	44	12.5	2.63	1.32	1.04	3.44	0.51	0.17	23.8	6.64	4.43	0.50	0.19
154752		0.6	17.2	98	11.4	3.31	1.55	1.37	4.82	0.62	0.19	35.3	10.40	6.54	0.66	0.21
154751		0.5	1.8	8	2.6	0.26	0.15	0.10	0.31	0.06	0.02	1.6	0.41	0.34	0.05	0.02
154753		0.8	14.2	70	12.0	2.62	1.25	1.20	3.83	0.49	0.16	31.5	9.80	5.43	0.52	0.17



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Page: 2 - E  
Total # Pages: 2 (A - G)  
Plus Appendix Pages  
Finalized Date: 11-JUL-2020  
Account: KEERRG

CERTIFICATE OF ANALYSIS RE20131728

Sample Description	Method Analyte Units LOD	ME-MS61r Yb ppm 0.03	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
154756		1.18	<0.2	1.24	38	<10	80	0.5	<2	0.62	<0.5	5	18	13	1.79	<10
154755-6																
154751B		1.84	<0.2	2.50	3	<10	100	0.6	<2	2.18	<0.5	30	52	43	5.79	10
154755		1.15	<0.2	1.28	38	<10	100	0.5	<2	0.50	<0.5	5	18	12	1.81	<10
154752		1.28	<0.2	1.76	5	<10	150	<0.5	<2	0.82	<0.5	7	6	10	2.97	10
154751		0.13	<0.2	0.16	6	10	60	<0.5	<2	>25.0	<0.5	2	3	6	0.23	<10
154753		1.05	<0.2	1.35	3	<10	100	<0.5	<2	0.47	<0.5	5	7	12	2.00	10



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Page: 2 - F  
Total # Pages: 2 (A - G)  
Plus Appendix Pages  
Finalized Date: 11-JUL-2020  
Account: KEERRG

CERTIFICATE OF ANALYSIS RE20131728

Sample Description	Method Analyte Units LOD	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
154756		<1	0.18	10	0.31	199	<1	0.03	15	700	4	0.01	6	3	38	<20
154755-6																
154751B		<1	0.09	10	2.49	728	<1	0.07	59	1090	3	0.02	<2	10	55	<20
154755		<1	0.20	10	0.30	244	<1	0.03	15	490	5	0.01	4	3	37	<20
154752		<1	0.29	10	0.72	399	<1	0.04	3	1210	3	0.01	<2	3	53	<20
154751		<1	0.02	<10	0.27	65	<1	0.04	3	640	<2	0.07	<2	<1	537	<20
154753		<1	0.34	10	0.44	311	<1	0.03	5	690	55	0.01	4	2	33	<20



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Page: 2 - G  
Total # Pages: 2 (A - G)  
Plus Appendix Pages  
Finalized Date: 11-JUL-2020  
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CERTIFICATE OF ANALYSIS RE20131728

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		Ti	Ti	U	V	W	Zn	Ag	Au	Pt	Pd	Rh
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	ppm 0.2	ppm 0.001	ppm 0.005	ppm 0.001	ppm 0.001
154756		0.03	<10	<10	35	<10	29	<0.2	0.014	<0.005	0.001	<0.001
154755-6												
154751B		0.34	<10	<10	110	<10	71	<0.2	<0.001	<0.005	<0.001	<0.001
154755		0.04	<10	<10	34	<10	33	<0.2	0.023	<0.005	0.001	<0.001
154752		0.18	<10	<10	55	<10	77	<0.2	<0.001	<0.005	<0.001	<0.001
154751		0.01	<10	<10	7	<10	6	<0.2	0.008	<0.005	0.001	<0.001
154753		0.10	<10	<10	34	<10	56	<0.2	<0.001	<0.005	0.001	<0.001





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Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 11-JUL-2020  
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<b>CERTIFICATE OF ANALYSIS RE20131728</b>
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<b>CERTIFICATE COMMENTS</b>
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	<b>ANALYTICAL COMMENTS</b>
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Applies to Method:	REEs may not be totally soluble in this method. ME-MS61r
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	<b>LABORATORY ADDRESSES</b>
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Applies to Method:	Processed at ALS Reno located at 4977 Energy Way, Reno, NV, USA. CRU-21 CRU-31 LOG-22 PUL-31 SND-ALS SPL-21 WEI-21
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Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Ag-AA45 ME-ICP41 ME-MS61r PGM-ICP23 Rh-MS25
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