



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 - E)
Plus Appendix Pages
Finalized Date: 4-APR-2020
Account: KEERRG

CERTIFICATE RE20066840

This report is for 8 Soil samples submitted to our lab in Reno, NV, USA on 20-MAR-2020.

The following have access to data associated with this certificate:

STEPHAN FINCH

LARRY MCMASTER

CHARLES REDDIEN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SND-ALS	Send samples to internal laboratory
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both
DRY-22	Drying - Maximum Temp 60C

ANALYTICAL PROCEDURES

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

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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Sample Description	Method Analyte Units LOD	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	Ag-AA45	Rh-MS25	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
		Recvd Wt.	Au	Pt	Pd	Ag	Rh	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce
		kg	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.02	0.001	0.005	0.001	0.2	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01
154905		13.34	0.163	<0.005	0.001	0.8	<0.001	0.74	6.93	116.0	680	1.82	0.21	8.53	0.12	65.4
154906		12.74	0.346	<0.005	0.001	0.2	<0.001	0.14	6.57	115.0	920	1.54	0.17	8.37	0.10	64.4
154907		16.00	0.079	<0.005	0.001	<0.2	<0.001	0.10	7.39	56.5	710	1.84	0.24	5.53	0.14	74.4
154908		13.35	0.226	<0.005	<0.001	6.4	<0.001	5.95	7.47	284	740	1.84	0.19	1.77	0.09	76.6
154909		12.42	0.271	<0.005	0.001	1.3	<0.001	1.67	7.65	111.0	830	2.11	0.23	3.62	0.12	83.1
157240		7.96	0.004	<0.005	<0.001	<0.2	<0.001	0.18	8.09	25.1	890	1.81	0.15	1.79	0.07	52.6
157241		8.28	0.006	<0.005	0.001	<0.2	<0.001	0.16	8.04	23.6	960	1.93	0.14	2.59	0.09	60.0
157242		3.60	0.019	<0.005	0.001	<0.2	<0.001	0.10	7.62	23.1	680	2.18	0.18	2.39	0.12	63.0



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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	ME-MS61r
		Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo
		ppm 0.1	ppm 1	ppm 0.05	ppm 0.2	% 0.01	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
154905		10.0	44	5.29	25.3	3.77	19.45	0.12	1.0	0.054	1.55	36.4	38.5	1.26	464	0.83
154906		9.5	55	5.27	23.1	3.64	17.85	0.11	0.7	0.049	1.46	38.5	51.2	1.22	430	0.66
154907		10.0	46	5.31	25.9	3.79	20.0	0.15	1.2	0.060	1.76	41.0	36.8	1.17	534	0.79
154908		9.3	48	6.74	29.9	3.44	19.25	0.18	0.8	0.053	2.14	41.4	38.1	0.88	517	0.82
154909		11.2	45	6.44	25.3	4.02	22.1	0.19	1.3	0.057	1.91	47.1	49.8	1.27	541	0.84
157240		9.3	26	4.52	17.2	2.74	20.9	0.16	2.0	0.039	1.98	26.0	41.8	0.85	481	0.75
157241		8.9	27	4.11	15.1	2.76	20.7	0.21	1.8	0.040	2.05	31.7	34.8	0.85	492	0.71
157242		8.4	27	4.86	24.2	3.03	20.9	0.21	1.5	0.049	2.07	31.6	93.5	1.05	550	2.67



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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
		Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
		%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05
154905		0.99	13.3	29.6	1510	13.4	76.3	<0.002	0.02	20.8	10.5	1	2.0	399	0.91
154906		0.96	11.5	36.3	810	10.3	70.3	<0.002	0.03	21.0	10.6	1	1.7	368	0.79
154907		1.32	15.5	29.8	1130	14.4	85.6	<0.002	0.01	11.85	10.8	1	2.0	356	1.02
154908		1.60	18.6	25.3	930	16.4	96.2	0.002	0.06	60.9	10.0	1	2.1	310	1.49
154909		1.19	16.2	28.3	1320	15.5	87.9	<0.002	0.03	21.0	11.2	1	2.2	354	1.09
157240		1.99	10.8	16.8	620	36.1	69.0	<0.002	<0.01	3.57	7.4	1	1.6	521	0.74
157241		1.97	11.9	17.3	700	32.5	73.7	<0.002	<0.01	3.76	7.9	1	1.9	502	0.79
157242		2.45	13.2	17.5	620	14.0	74.1	0.002	0.16	3.88	9.4	1	2.1	441	0.89



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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
		Th	Ti	Tl	U	V	W	Y	Zn	Zr	Dy	Er	Eu	Gd	Ho
		ppm 0.01	% 0.005	ppm 0.02	ppm 0.1	ppm 1	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
154905		10.20	0.395	0.46	2.6	81	26.0	19.2	96	28.3	3.32	1.72	1.18	4.12	0.64
154906		8.97	0.415	0.44	3.1	83	23.9	17.3	86	18.1	3.09	1.58	1.17	3.91	0.59
154907		12.25	0.438	0.47	2.9	82	10.7	18.9	94	32.6	3.64	1.84	1.28	4.43	0.69
154908		12.15	0.439	0.66	2.2	87	217	18.0	83	22.6	3.41	1.75	1.28	4.34	0.63
154909		16.25	0.415	0.52	2.4	88	17.7	20.6	94	37.7	3.71	1.94	1.32	4.76	0.70
157240		6.70	0.384	0.43	1.6	58	3.6	12.1	75	63.7	2.36	1.19	0.91	2.87	0.44
157241		6.72	0.416	0.42	2.2	61	2.8	14.5	74	59.5	2.65	1.39	1.05	3.31	0.50
157242		10.70	0.322	0.44	2.7	70	4.1	16.5	81	42.6	3.08	1.61	1.04	3.72	0.59



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Sample Description	Method Analyte Units LOD	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
		Nd	Pr	Sm	Tb	Tm	Yb
		ppm 0.1	ppm 0.03	ppm 0.03	ppm 0.01	ppm 0.01	ppm 0.03
154905		29.6	7.92	5.45	0.59	0.25	1.51
154906		29.1	8.09	5.42	0.57	0.23	1.34
154907		32.2	8.87	5.83	0.66	0.27	1.62
154908		31.0	8.64	5.76	0.63	0.24	1.43
154909		34.5	9.81	6.22	0.68	0.28	1.64
157240		20.9	5.61	3.79	0.42	0.17	0.99
157241		24.2	6.57	4.47	0.49	0.19	1.21
157242		25.9	6.95	4.80	0.56	0.24	1.41



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CERTIFICATE OF ANALYSIS RE20066840

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61r

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Reno located at 4977 Energy Way, Reno, NV, USA.		
	DRY-22	LOG-22	SCR-41
	WEI-21		SND-ALS
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Ag-AA45	ME-MS61r	PGM-ICP23
			Rh-MS25