



ALS USA Inc.
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www.alsglobal.com/geochemistry

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

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Plus Appendix Pages
Finalized Date: 3-DEC-2020
This copy reported on 4-DEC-2020
Account: KEERRG

CERTIFICATE RE20213510

This report is for 23 Soil samples submitted to our lab in Reno, NV, USA on 24-SEP-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
PUL-31	Pulverize up to 250g 85% <75 um
CRU-31	Fine crushing - 70% <2mm
SND-ALS	Send samples to internal laboratory
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
DRY-22	Drying - Maximum Temp 60C

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
Rh-MS25	Rh 30g FA ICP-MS	ICP-MS
Ag-AA45	Trace Ag - aqua regia/AAS	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
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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CERTIFICATE OF ANALYSIS RE20213510

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. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
157964		0.06	0.01	0.35	<0.2	30	0.05	0.01	0.01	<0.02	9.67	0.1	4	0.16	0.8	0.08
157965		3.95	0.18	6.74	24.1	930	1.36	0.10	1.47	0.07	39.5	4.4	20	3.40	7.9	1.66
157966		3.11	0.14	6.52	23.6	970	1.25	0.10	1.68	0.05	37.3	4.3	20	3.03	7.4	1.64
157967		0.06	0.06	4.76	6.0	410	2.02	0.22	4.37	0.10	20.3	0.7	7	4.26	4.1	0.57
157968		4.21	0.14	6.99	39.9	920	1.42	0.11	1.85	0.06	44.8	5.5	28	3.45	10.2	2.00
157969		4.51	0.13	6.68	37.1	970	1.24	0.08	1.75	0.05	37.9	4.1	24	2.55	7.3	1.64
157970		6.00	0.14	6.61	42.5	890	1.21	0.10	1.63	0.06	45.1	4.6	31	2.78	9.4	1.91
157971		5.48	0.86	7.15	42.1	850	1.37	0.15	1.62	0.29	50.4	7.6	102	3.55	13.8	2.54
157972		4.62	0.16	5.92	25.4	820	1.05	0.09	1.05	0.07	45.1	3.6	24	1.97	7.0	1.64
157973		4.43	0.13	6.01	37.6	910	1.10	0.08	1.08	0.08	46.4	3.4	25	1.94	7.4	1.49
160516		7.40	0.09	6.87	27.0	890	1.22	0.10	1.34	0.08	56.2	4.7	24	2.00	10.3	1.82
160517		4.69	0.12	6.85	31.3	880	1.24	0.11	1.29	0.06	54.0	4.9	29	2.32	10.4	1.78
160518		4.52	0.21	6.87	37.3	910	1.25	0.11	1.37	0.10	49.7	4.9	25	2.74	10.1	1.82
160519		5.05	0.12	6.65	35.0	880	1.18	0.11	1.32	0.07	49.6	4.5	45	2.16	10.4	1.79
160520		4.61	0.10	7.05	28.9	880	1.40	0.11	1.50	0.09	57.6	5.1	26	2.12	10.3	1.99
160521		5.71	0.19	6.50	28.9	870	1.24	0.09	1.28	0.11	55.5	4.7	25	1.93	10.4	1.69
160522		5.95	0.28	6.51	33.4	850	1.35	0.10	1.43	0.11	47.1	5.3	52	2.47	11.2	1.81
160523		4.78	0.81	6.72	35.3	850	1.36	0.11	1.46	0.30	59.5	5.9	113	2.31	12.3	2.07
160524		4.61	0.08	6.54	29.3	830	1.29	0.10	1.30	0.07	61.8	4.9	24	1.89	11.1	1.85
160525		7.65	0.29	6.49	30.4	860	1.24	0.10	1.21	0.13	55.8	6.2	31	2.15	11.5	1.82
160526		9.78	0.18	6.56	40.8	870	1.47	0.11	1.53	0.11	51.1	6.0	33	2.55	10.5	1.83
160527		0.06	0.12	5.62	8.6	150	0.14	0.79	3.89	0.05	219	73.4	968	0.27	40.3	4.33
160528		5.72	0.25	6.67	37.0	910	1.28	0.10	1.40	0.09	54.2	5.3	33	2.16	11.2	1.79



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Sample Description	Method Analyte Units LOD	ME-MS61r Ga ppm 0.05	ME-MS61r Ge ppm 0.05	ME-MS61r Hf ppm 0.1	ME-MS61r In ppm 0.005	ME-MS61r K % 0.01	ME-MS61r La ppm 0.5	ME-MS61r Li ppm 0.2	ME-MS61r Mg % 0.01	ME-MS61r Mn ppm 5	ME-MS61r Mo ppm 0.05	ME-MS61r Na % 0.01	ME-MS61r Nb ppm 0.1	ME-MS61r Ni ppm 0.2	ME-MS61r P ppm 10	ME-MS61r Pb ppm 0.5
157964		0.86	<0.05	0.2	<0.005	0.12	4.5	1.5	0.02	<5	<0.05	0.01	0.6	0.3	10	<0.5
157965		15.45	0.12	1.2	0.024	2.38	22.1	24.4	0.40	272	0.72	2.24	9.3	11.6	590	17.7
157966		14.40	0.14	1.1	0.019	2.31	20.4	23.9	0.42	255	0.67	2.16	8.6	11.3	610	14.3
157967		14.40	0.14	2.8	0.022	3.28	10.5	39.6	0.11	424	5.23	2.51	19.2	3.0	100	24.1
157968		16.10	0.17	1.1	0.030	2.22	24.0	29.1	0.55	301	0.75	2.20	9.3	15.5	540	13.8
157969		14.65	0.16	1.0	0.020	2.25	20.1	23.9	0.39	256	0.89	2.32	8.9	12.6	670	12.7
157970		14.25	0.15	0.7	0.024	2.06	24.4	24.2	0.44	301	1.34	2.19	8.8	14.2	570	11.9
157971		16.90	0.17	0.8	0.032	2.02	25.2	27.5	0.57	375	6.13	2.14	10.4	18.6	600	13.3
157972		12.35	0.16	0.7	0.021	1.90	23.7	20.4	0.29	272	1.15	2.11	9.8	11.3	540	11.3
157973		12.80	0.17	0.6	0.019	1.97	24.2	19.3	0.27	289	1.33	2.15	9.0	10.6	570	10.9
160516		14.55	0.18	0.5	0.028	1.88	27.6	20.7	0.36	352	0.87	2.50	11.4	14.8	510	11.8
160517		14.75	0.18	0.6	0.028	1.97	27.5	22.6	0.38	331	1.21	2.41	11.6	15.0	520	12.2
160518		14.65	0.18	0.7	0.028	2.11	26.0	23.5	0.44	313	0.81	2.33	10.2	14.3	530	13.2
160519		13.95	0.17	0.6	0.027	1.85	26.2	20.4	0.36	306	2.55	2.37	9.4	13.7	540	11.8
160520		15.30	0.16	0.6	0.033	1.92	28.4	21.4	0.42	371	0.84	2.54	12.6	16.1	580	12.0
160521		14.60	0.13	0.5	0.026	1.81	27.3	20.4	0.34	306	0.97	2.37	10.9	14.6	460	11.4
160522		14.75	0.12	0.6	0.028	1.92	24.7	23.5	0.40	303	3.34	2.18	9.6	15.8	530	11.7
160523		15.60	0.15	0.6	0.028	1.82	30.6	22.9	0.41	331	9.31	2.28	11.2	17.3	590	11.8
160524		14.80	0.16	0.6	0.027	1.75	31.3	20.5	0.36	336	0.87	2.39	12.5	15.5	510	11.1
160525		14.90	0.15	0.6	0.027	1.83	28.1	22.5	0.36	316	1.28	2.31	11.2	14.8	470	11.8
160526		15.45	0.16	0.6	0.029	1.91	25.0	25.3	0.39	347	1.21	2.35	10.9	16.5	430	12.5
160527		8.22	0.27	0.1	0.022	0.15	116.5	3.3	14.85	924	1.87	0.45	6.9	1330	100	18.3
160528		15.25	0.15	0.5	0.029	1.86	26.7	22.3	0.37	338	1.61	2.40	11.0	16.4	510	11.9



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Sample Description	Method Analyte Units LOD	ME-MS61r Rb ppm 0.1	ME-MS61r Re ppm 0.002	ME-MS61r S % 0.01	ME-MS61r Sb ppm 0.05	ME-MS61r Sc ppm 0.1	ME-MS61r Se ppm 1	ME-MS61r Sn ppm 0.2	ME-MS61r Sr ppm 0.2	ME-MS61r Ta ppm 0.05	ME-MS61r Te ppm 0.05	ME-MS61r Th ppm 0.01	ME-MS61r Ti % 0.005	ME-MS61r Tl ppm 0.02	ME-MS61r U ppm 0.1	ME-MS61r V ppm 1
157964		2.9	<0.002	<0.01	0.11	0.4	<1	<0.2	3.6	<0.05	<0.05	1.53	0.027	0.02	0.2	3
157965		83.4	<0.002	0.01	6.54	4.0	<1	1.7	373	0.93	<0.05	6.30	0.232	0.45	1.4	35
157966		78.3	<0.002	0.01	5.80	3.9	<1	1.2	385	0.84	<0.05	5.54	0.226	0.44	1.5	36
157967		101.5	<0.002	0.12	1.33	1.4	<1	1.4	252	1.79	<0.05	6.57	0.051	0.64	3.2	8
157968		79.3	<0.002	0.02	8.32	5.3	1	1.4	390	0.78	<0.05	6.94	0.278	0.46	1.9	47
157969		72.0	<0.002	0.03	7.10	4.0	<1	1.2	399	0.81	<0.05	5.13	0.238	0.40	1.3	36
157970		69.9	<0.002	0.03	9.40	4.7	<1	1.2	366	0.74	<0.05	6.81	0.265	0.39	1.5	48
157971		72.2	<0.002	0.03	8.74	6.3	<1	1.5	373	0.84	<0.05	7.10	0.314	0.43	1.7	60
157972		64.9	<0.002	0.01	6.81	3.7	<1	1.2	336	0.91	<0.05	5.77	0.257	0.36	1.2	39
157973		65.7	<0.002	0.01	9.36	3.5	<1	1.1	353	0.78	<0.05	5.81	0.232	0.37	1.2	37
160516		59.8	<0.002	0.01	6.77	5.1	1	1.2	422	0.86	<0.05	6.80	0.332	0.33	1.4	47
160517		67.0	<0.002	0.01	7.27	5.3	<1	1.3	398	0.88	<0.05	6.86	0.322	0.38	1.5	46
160518		70.8	<0.002	0.01	9.05	4.9	1	1.3	382	0.86	<0.05	7.20	0.291	0.40	1.6	45
160519		59.3	<0.002	0.01	7.58	4.7	<1	1.2	400	0.76	<0.05	6.32	0.289	0.32	1.3	45
160520		60.7	<0.002	0.01	7.02	5.5	<1	1.4	439	0.95	<0.05	7.06	0.360	0.33	1.5	52
160521		58.8	<0.002	0.01	7.06	4.8	<1	1.3	412	0.81	<0.05	6.42	0.311	0.31	1.3	44
160522		64.4	<0.002	0.02	8.06	4.9	<1	1.3	367	0.74	<0.05	6.09	0.268	0.36	1.2	42
160523		62.8	<0.002	0.02	7.33	5.5	<1	1.4	396	0.82	<0.05	7.39	0.310	0.34	1.4	49
160524		57.4	<0.002	0.01	6.71	5.3	<1	1.3	407	0.85	<0.05	7.24	0.338	0.31	1.3	48
160525		62.7	<0.002	0.01	8.93	5.1	<1	1.3	388	0.84	<0.05	6.59	0.307	0.34	1.3	47
160526		65.4	<0.002	0.01	8.24	5.3	<1	1.3	392	0.82	<0.05	6.77	0.302	0.39	1.4	46
160527		3.9	<0.002	0.03	1.14	9.9	<1	0.3	140.0	<0.05	0.23	6.28	0.044	0.09	1.2	47
160528		61.9	<0.002	0.01	7.72	5.1	<1	1.3	411	0.80	<0.05	6.50	0.316	0.33	1.4	46



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		W	Y	Zn	Zr	Dy	Er	Eu	Gd	Ho	Lu	Nd	Pr	Sm	Tb
		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
157964		0.1	1.0	<2	6.3	0.33	0.12	0.10	0.36	0.04	0.02	3.9	1.06	0.64	0.04
157965		5.5	11.9	29	36.8	2.22	1.16	0.79	2.84	0.39	0.15	19.1	4.97	3.59	0.38
157966		5.0	11.5	27	34.5	2.11	1.09	0.75	2.64	0.39	0.14	17.8	4.56	3.27	0.35
157967		1.8	8.9	31	64.2	1.69	1.14	0.26	1.63	0.34	0.19	8.7	2.38	1.83	0.27
157968		7.3	12.9	35	35.0	2.39	1.29	0.88	3.02	0.44	0.17	21.1	5.48	3.92	0.42
157969		5.8	9.5	26	31.1	1.98	1.02	0.78	2.55	0.34	0.13	17.6	4.59	3.31	0.34
157970		7.9	11.7	28	16.7	2.28	1.14	0.84	2.91	0.41	0.15	20.0	5.28	3.74	0.39
157971		22.9	14.1	39	23.0	2.67	1.39	1.00	3.42	0.49	0.18	23.5	6.02	4.52	0.46
157972		5.4	11.8	21	20.4	2.21	1.11	0.83	2.90	0.39	0.14	20.6	5.35	3.73	0.39
157973		6.3	11.4	18	14.8	2.24	1.11	0.86	2.91	0.39	0.14	20.8	5.43	3.83	0.37
160516		6.1	13.9	26	12.7	2.71	1.35	1.03	3.43	0.48	0.17	24.9	6.55	4.52	0.47
160517		7.1	14.2	26	14.9	2.75	1.40	1.02	3.56	0.50	0.17	24.3	6.31	4.53	0.47
160518		11.3	13.1	29	17.6	2.56	1.30	0.94	3.24	0.44	0.16	22.6	5.88	4.21	0.44
160519		7.4	13.1	25	13.1	2.47	1.24	0.90	3.10	0.44	0.16	22.1	5.67	4.07	0.42
160520		6.7	14.8	30	13.0	2.96	1.44	1.12	3.78	0.51	0.19	26.2	6.76	4.92	0.51
160521		6.7	13.9	23	12.8	2.67	1.30	0.98	3.21	0.48	0.16	24.6	6.30	4.69	0.47
160522		9.2	12.0	28	16.2	2.41	1.14	0.85	2.82	0.41	0.15	20.6	5.37	3.95	0.41
160523		10.8	14.0	29	15.4	2.82	1.30	1.01	3.33	0.48	0.17	25.0	6.64	4.71	0.49
160524		6.2	14.5	25	13.4	2.89	1.34	1.06	3.53	0.50	0.17	26.5	6.85	4.93	0.51
160525		15.2	14.0	25	14.7	2.75	1.30	0.98	3.28	0.48	0.17	24.6	6.37	4.75	0.47
160526		10.2	12.9	28	15.3	2.62	1.25	0.94	3.12	0.44	0.16	22.5	5.77	4.32	0.46
160527		0.6	4.9	54	4.0	1.78	0.44	2.68	5.74	0.21	0.06	81.0	21.6	13.10	0.49
160528		8.3	13.9	25	12.8	2.77	1.34	0.98	3.39	0.49	0.17	23.8	6.19	4.61	0.49



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		Yb	Au	Pt	Pd	Rh	Ag	B	Cu
		ppm 0.03	ppm 0.001	ppm 0.005	ppm 0.001	ppm 0.001	ppm 0.2	ppm 10	ppm 1
157964		0.11	<0.001	<0.005	0.003	<0.001	<0.2	<10	1
157965		1.05	0.005	<0.005	0.001	<0.001	<0.2	10	7
157966		1.00	0.004	<0.005	0.001	<0.001	<0.2	10	7
157967		1.30	0.091	<0.005	0.002	0.001	<0.2	10	4
157968		1.16	0.023	<0.005	0.001	<0.001	<0.2	10	9
157969		0.86	0.010	<0.005	<0.001	<0.001	<0.2	10	6
157970		1.03	0.015	<0.005	0.001	<0.001	<0.2	10	9
157971		1.26	0.013	<0.005	0.001	<0.001	0.9	20	15
157972		1.00	0.006	<0.005	0.001	<0.001	<0.2	<10	7
157973		0.98	0.006	<0.005	<0.001	<0.001	<0.2	<10	7
160516		1.18	0.005	<0.005	0.001	<0.001	<0.2	<10	10
160517		1.23	0.031	<0.005	<0.001	<0.001	<0.2	10	10
160518		1.13	0.015	<0.005	0.001	<0.001	45.1	10	9
160519		1.08	0.011	<0.005	<0.001	<0.001	<0.2	10	10
160520		1.29	0.006	<0.005	0.001	<0.001	<0.2	<10	10
160521		1.17	0.010	<0.005	0.001	<0.001	0.2	10	9
160522		1.07	0.022	<0.005	0.002	<0.001	0.2	10	10
160523		1.20	0.011	<0.005	0.001	<0.001	0.2	10	10
160524		1.23	0.005	<0.005	0.001	<0.001	<0.2	<10	10
160525		1.16	0.023	<0.005	0.001	<0.001	3.2	<10	10
160526		1.12	0.036	<0.005	0.001	<0.001	<0.2	10	9
160527		0.34	0.040	0.081	0.383	0.003	<0.2	20	38
160528		1.17	0.009	<0.005	0.002	<0.001	<0.2	10	11



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Page: Appendix 1
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Finalized Date: 3-DEC-2020
Account: KEERRG

CERTIFICATE OF ANALYSIS RE20213510

CERTIFICATE COMMENTS

	ANALYTICAL COMMENTS
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Applies to Method:	REEs may not be totally soluble in this method. ME-MS61r
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	LABORATORY ADDRESSES
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Applies to Method:	Processed at ALS Reno located at 4977 Energy Way, Reno, NV, USA. CRU-31 CRU-QC DRY-22 LOG-22 LOG-24 PUL-31 PUL-QC SND-ALS WEI-21
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