



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
 www.alsglobal.com/geochemistry

To: PACIFIC RIDGE EXPLORATION LTD.
 SUITE 1100 - 1111 MELVILLE STREET
 VANCOUVER BC V6E 3V6

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 Account: PARIEX

CERTIFICATE WH18211504

Project: RC

This report is for 18 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-AUG-2018.

The following have access to data associated with this certificate:

GERRY CARLSON		
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

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 WH18211504

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
S054719		1.54	0.005	0.3	0.10	576	<10	10	<0.5	<2	0.06	<0.5	2	15	21	1.21
S054720		2.19	<0.005	13.6	0.22	193	<10	10	<0.5	28	0.02	<0.5	1	13	21	1.11
S054721		2.18	<0.005	<0.2	0.38	45	<10	10	<0.5	<2	0.01	<0.5	3	14	14	1.34
S054722		1.35	<0.005	<0.2	0.06	12	<10	<10	<0.5	<2	0.01	<0.5	1	21	6	0.53
S054723		1.75	0.028	0.9	0.55	743	<10	30	<0.5	4	0.02	<0.5	3	15	13	1.42
S054724		1.30	<0.005	<0.2	0.25	90	<10	10	<0.5	<2	0.01	<0.5	4	20	12	0.89
S054725		1.86	<0.005	0.2	0.13	24	10	10	<0.5	<2	<0.01	<0.5	1	10	8	0.90
S054726		2.24	0.149	0.2	1.85	13	<10	90	<0.5	8	1.17	<0.5	4	24	115	1.95
S054727		1.23	0.016	<0.2	0.62	15	<10	80	<0.5	<2	0.26	<0.5	3	21	31	1.49
S054728		2.09	<0.005	<0.2	0.21	24	<10	20	<0.5	<2	0.04	<0.5	2	17	7	0.75
S054729		0.86	<0.005	<0.2	0.14	3	<10	10	<0.5	<2	0.01	<0.5	1	18	6	0.75
S054730		2.38	0.010	26.1	0.20	1005	20	10	<0.5	45	0.01	0.9	2	18	32	1.05
S054731		0.79	0.110	0.4	0.39	48	<10	10	0.6	13	0.01	<0.5	3	11	51	5.54
S054732		2.56	0.024	0.2	0.14	12	<10	10	<0.5	<2	0.01	<0.5	1	14	10	0.87
S054733		3.17	<0.005	<0.2	0.23	2	<10	10	<0.5	<2	<0.01	<0.5	2	21	4	0.82
S054734		3.71	<0.005	<0.2	0.72	11	<10	20	<0.5	<2	0.02	<0.5	3	20	25	2.28
S054735		2.18	<0.005	<0.2	0.05	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	15	4	0.75
S054736		1.28	<0.005	<0.2	1.21	16	<10	30	<0.5	<2	<0.01	<0.5	2	11	42	3.52



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CERTIFICATE OF ANALYSIS WH18211504

Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
S054719		<10	<1	0.03	<10	0.01	98	<1	<0.01	4	40	3	0.02	<2	<1	7
S054720		<10	<1	0.05	<10	0.01	63	<1	<0.01	3	60	375	0.02	3	1	5
S054721		<10	<1	0.03	10	0.13	117	<1	0.01	8	90	7	0.01	<2	1	4
S054722		<10	<1	0.01	<10	0.02	48	<1	<0.01	2	10	2	<0.01	<2	<1	1
S054723		<10	<1	0.08	10	0.20	113	<1	0.01	6	60	8	0.02	<2	1	7
S054724		<10	<1	0.05	10	0.07	70	<1	0.01	7	80	8	0.01	<2	<1	7
S054725		<10	<1	0.04	10	<0.01	42	1	<0.01	2	70	2	0.01	<2	<1	<1
S054726		10	<1	0.24	10	0.21	200	<1	0.16	7	270	4	0.44	<2	2	95
S054727		<10	<1	0.29	10	0.22	199	<1	0.01	5	80	3	0.10	<2	1	9
S054728		<10	<1	0.07	<10	0.06	130	<1	0.01	6	100	<2	0.01	<2	<1	3
S054729		<10	<1	0.03	<10	0.01	47	<1	<0.01	<1	50	2	<0.01	<2	<1	4
S054730		<10	<1	0.05	10	0.01	57	<1	0.01	6	150	579	0.14	<2	1	6
S054731		<10	<1	0.01	<10	<0.01	58	14	<0.01	15	250	13	0.01	9	1	<1
S054732		<10	<1	0.04	<10	0.03	61	<1	<0.01	2	60	4	<0.01	<2	<1	1
S054733		<10	<1	0.04	<10	0.07	80	<1	<0.01	2	50	6	<0.01	<2	<1	3
S054734		<10	<1	0.11	10	0.11	68	<1	<0.01	7	330	14	0.01	2	1	5
S054735		<10	<1	0.01	<10	0.01	46	<1	<0.01	1	50	3	0.01	<2	<1	1
S054736		10	<1	0.12	<10	0.57	92	<1	<0.01	5	350	22	0.01	2	1	2

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Sample Description	Method Analyte Units LOD	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		20	0.01	10	10	1	10	2
S054719		<20	<0.01	<10	<10	1	<10	17
S054720		<20	<0.01	<10	<10	2	<10	50
S054721		<20	<0.01	<10	<10	4	<10	24
S054722		<20	<0.01	<10	<10	1	<10	8
S054723		<20	0.01	<10	<10	6	20	22
S054724		<20	<0.01	<10	<10	3	<10	13
S054725		<20	<0.01	<10	<10	<1	<10	4
S054726		<20	0.07	<10	<10	15	260	16
S054727		<20	0.04	<10	<10	10	10	15
S054728		<20	0.01	<10	<10	3	<10	9
S054729		<20	<0.01	<10	<10	2	<10	4
S054730		<20	<0.01	<10	<10	2	<10	161
S054731		<20	<0.01	<10	<10	6	<10	44
S054732		<20	<0.01	<10	<10	2	<10	5
S054733		<20	<0.01	<10	<10	3	<10	8
S054734		<20	<0.01	<10	<10	10	<10	26
S054735		<20	<0.01	<10	<10	1	<10	4
S054736		<20	<0.01	<10	<10	14	<10	49



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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	CRU-31	CRU-QC	LOG-21	PUL-31
	PUL-QC	SPL-21	WEI-21	
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-AA23	ME-ICP41		