



ALS Canada Ltd.

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www.alsglobal.com/geochemistry

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

Page: 1
Total # Pages: 2 (A - C)
Plus Appendix Pages
Finalized Date: 7-SEP-2017
Account: PARIEX

CERTIFICATE WH17161510

Project: RC PROPERTY

This report is for 32 Soil samples submitted to our lab in Whitehorse, YT, Canada on 2-AUG-2017.

The following have access to data associated with this certificate:

GERRY CARLSON

COR COE

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-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: PACIFIC RIDGE EXPLORATION LTD.
ATTN: GERRY CARLSON
SUITE 1100 - 1111 MELVILLE STREET
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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 WH17161510

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	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
W425031		0.42	0.005	<0.2	1.75	19	<10	110	<0.5	<2	0.08	<0.5	9	29	16	2.82
W425032		0.41	0.025	0.3	1.24	18	<10	70	<0.5	<2	0.10	<0.5	8	22	19	2.47
W425033		0.35	0.001	0.2	1.08	15	<10	70	<0.5	<2	0.05	<0.5	4	20	9	2.30
W425034		0.39	0.010	0.2	1.32	19	<10	60	<0.5	<2	0.07	<0.5	9	23	17	2.58
W425035		0.32	<0.001	0.4	1.23	17	<10	60	<0.5	<2	0.05	<0.5	7	25	19	2.58
W425036		0.41	0.008	0.2	1.17	24	<10	100	<0.5	<2	0.13	<0.5	9	23	20	2.67
W425037		0.40	0.002	0.3	1.41	18	<10	70	<0.5	<2	0.11	<0.5	9	25	23	3.06
W425038		0.50	0.004	0.2	1.72	13	<10	100	<0.5	<2	0.08	<0.5	10	27	21	3.08
W425039		0.37	0.002	0.2	1.34	13	<10	50	<0.5	<2	0.06	<0.5	4	22	15	2.58
W425040		0.44	0.004	0.2	1.49	16	<10	80	<0.5	<2	0.08	<0.5	8	25	25	2.95
W425041		0.45	0.002	0.6	1.28	14	<10	70	<0.5	<2	0.07	<0.5	20	21	21	2.43
W425042		0.40	0.001	0.2	1.49	15	<10	110	<0.5	<2	0.14	<0.5	13	26	33	3.09
W425043		0.38	0.001	0.5	1.58	21	<10	90	<0.5	<2	0.10	<0.5	11	27	31	3.51
W425044		0.52	0.004	<0.2	1.44	15	<10	120	<0.5	<2	0.09	<0.5	6	31	26	3.09
W425045		0.52	0.005	0.3	1.45	26	<10	90	<0.5	<2	0.06	<0.5	8	27	27	3.43
W425046		0.50	0.008	<0.2	1.21	78	<10	70	<0.5	<2	0.09	<0.5	9	25	22	2.97
W425047		0.57	0.005	0.2	1.28	22	<10	80	<0.5	<2	0.13	<0.5	12	27	24	3.02
W425048		0.47	0.004	<0.2	1.17	21	<10	80	<0.5	<2	0.07	<0.5	13	23	36	3.54
W424941		0.52	0.003	0.3	1.47	37	<10	60	<0.5	<2	0.05	<0.5	6	26	28	3.40
W424942		0.41	<0.001	0.4	0.97	38	<10	60	<0.5	<2	0.07	<0.5	5	20	30	3.12
W424943		0.44	0.007	1.0	1.27	32	<10	90	0.6	<2	0.10	0.6	14	25	38	3.72
W424944		0.57	0.007	2.7	1.02	150	<10	50	0.6	2	0.03	<0.5	7	23	49	4.89
W424945		0.55	0.007	0.6	0.97	40	<10	70	<0.5	<2	0.10	<0.5	10	22	33	3.20
W424946		0.48	0.009	0.3	1.08	21	<10	100	<0.5	<2	0.14	<0.5	10	23	25	2.62
W424947		0.53	0.002	0.2	1.25	18	<10	110	0.5	<2	0.18	0.6	14	22	32	2.82
W424948		0.61	0.010	0.3	1.48	22	<10	80	0.5	<2	0.09	<0.5	9	24	23	3.02
W424949		0.51	0.005	0.2	1.45	25	<10	80	<0.5	<2	0.07	<0.5	8	26	32	3.59
W424950		0.50	0.002	0.2	1.65	16	<10	90	0.5	<2	0.07	<0.5	10	28	35	3.93
W425049		0.57	0.001	0.2	1.17	26	<10	90	<0.5	<2	0.08	<0.5	8	22	26	3.11
W425050		0.54	0.001	<0.2	1.37	15	<10	60	<0.5	<2	0.05	<0.5	6	24	21	2.91
W422727		0.37	0.004	0.2	1.45	23	<10	90	<0.5	<2	0.10	<0.5	8	26	32	3.25
W422728		0.52	0.007	0.2	1.68	35	<10	120	0.5	<2	0.10	<0.5	13	35	35	3.67



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Page: 2 - B
Total # Pages: 2 (A - C)
Plus Appendix Pages
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CERTIFICATE OF ANALYSIS WH17161510

Sample Description	Method Analyte Units LOR	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	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
W425031		10	<1	0.04	20	0.41	347	1	0.01	17	570	13	0.03	<2	2
W425032		<10	<1	0.04	20	0.33	274	1	0.01	18	590	11	0.02	<2	2
W425033		10	<1	0.03	10	0.24	153	1	0.01	9	420	11	0.03	<2	1
W425034		<10	<1	0.04	10	0.33	360	1	0.01	15	640	11	0.03	<2	1
W425035		<10	<1	0.04	20	0.34	269	1	0.01	15	720	10	0.05	<2	<1
W425036		<10	<1	0.04	20	0.36	289	1	0.01	19	640	13	0.02	<2	2
W425037		<10	<1	0.04	20	0.39	320	1	0.01	21	680	17	0.03	<2	1
W425038		<10	<1	0.04	20	0.36	447	2	0.01	16	630	16	0.03	<2	2
W425039		10	<1	0.03	10	0.21	157	1	0.01	10	530	14	0.04	<2	1
W425040		<10	<1	0.04	20	0.41	283	1	0.01	20	500	14	0.02	<2	2
W425041		<10	<1	0.03	20	0.34	581	1	0.01	34	540	28	0.02	<2	1
W425042		<10	<1	0.04	30	0.48	418	1	0.01	29	820	15	0.02	<2	2
W425043		10	<1	0.05	20	0.40	456	1	0.02	23	990	32	0.07	<2	1
W425044		<10	<1	0.04	20	0.46	306	1	0.01	18	700	14	0.04	<2	1
W425045		<10	<1	0.04	20	0.44	297	1	0.01	18	640	18	0.02	<2	2
W425046		<10	<1	0.04	20	0.35	352	1	0.01	18	740	13	0.03	<2	1
W425047		<10	<1	0.05	20	0.41	367	1	0.01	22	820	12	0.02	<2	2
W425048		<10	<1	0.04	40	0.37	304	1	0.01	29	620	14	0.03	<2	2
W424941		<10	<1	0.05	20	0.39	228	1	0.01	17	570	20	0.05	<2	1
W424942		<10	<1	0.04	20	0.29	162	1	0.01	16	630	19	0.06	<2	1
W424943		<10	<1	0.05	30	0.35	410	1	0.01	30	800	54	0.06	<2	2
W424944		<10	1	0.10	30	0.27	194	1	0.01	19	740	107	0.08	3	2
W424945		<10	<1	0.08	20	0.32	350	1	0.01	19	620	14	0.05	<2	2
W424946		<10	<1	0.04	20	0.38	347	1	0.01	24	750	12	0.03	<2	2
W424947		<10	1	0.04	20	0.40	442	1	0.01	33	880	12	0.02	<2	2
W424948		<10	<1	0.04	20	0.37	396	1	0.01	18	750	20	0.03	<2	2
W424949		<10	<1	0.04	30	0.46	357	1	0.01	19	680	16	0.03	<2	2
W424950		<10	1	0.05	30	0.46	383	1	0.01	21	780	17	0.04	<2	1
W425049		<10	1	0.04	20	0.38	331	1	0.01	20	540	13	0.03	<2	2
W425050		<10	<1	0.03	20	0.29	282	1	0.01	13	740	12	0.04	<2	1
W422727		<10	<1	0.04	30	0.46	272	1	0.01	20	750	15	0.04	<2	2
W422728		10	<1	0.05	30	0.56	529	1	0.01	24	850	18	0.04	<2	2



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Page: 2 - C
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CERTIFICATE OF ANALYSIS WH17161510

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
W425031		<20	0.05	<10	<10	52	<10	64
W425032		<20	0.04	<10	<10	37	<10	61
W425033		<20	0.04	<10	<10	47	<10	36
W425034		<20	0.03	<10	<10	40	<10	54
W425035		<20	0.02	<10	<10	35	<10	54
W425036		<20	0.04	<10	<10	41	<10	60
W425037		<20	0.03	<10	<10	39	<10	70
W425038		<20	0.04	<10	<10	49	<10	55
W425039		<20	0.03	<10	<10	54	<10	37
W425040		<20	0.04	<10	<10	41	<10	58
W425041		<20	0.03	<10	<10	34	<10	68
W425042		<20	0.04	<10	<10	39	<10	77
W425043		<20	0.03	<10	<10	49	<10	81
W425044		<20	0.04	<10	<10	42	<10	65
W425045		<20	0.03	<10	<10	42	<10	72
W425046		<20	0.03	<10	<10	39	<10	57
W425047		<20	0.03	<10	<10	38	<10	71
W425048		<20	0.02	<10	<10	30	<10	77
W424941		<20	0.03	<10	<10	41	<10	72
W424942		<20	0.03	<10	<10	33	<10	63
W424943		<20	0.03	<10	<10	37	<10	99
W424944		<20	0.02	<10	<10	28	<10	132
W424945		<20	0.04	<10	<10	37	<10	65
W424946		<20	0.04	<10	<10	39	<10	74
W424947		<20	0.04	<10	<10	39	<10	85
W424948		<20	0.03	<10	<10	41	<10	71
W424949		<20	0.03	<10	<10	35	<10	78
W424950		<20	0.02	<10	<10	37	<10	75
W425049		<20	0.03	<10	<10	35	<10	63
W425050		<20	0.03	<10	<10	42	<10	51
W422727		<20	0.03	<10	<10	37	<10	66
W422728		<20	0.04	<10	<10	42	<10	80

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada. LOG-22	SCR-41	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Au-ICP21	ME-ICP41	