



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: ARCTURUS VENTURES INC.

1012 - 470 GRANVILLE ST.

VANCOUVER BC V6C 1V5

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Finalized Date: 23-JUL-2010

Account: ARCVE

CERTIFICATE WH10091338

Project: RB Project

P.O. No.:

This report is for 21 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-JUL-2010.

The following have access to data associated with this certificate:

B. MACDONALD

ROBERT STROSHEIN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
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
Au-TL42	Trace Level Au - 15 g AR	ICP-MS
ME-MS41	51 anal. aqua regia ICPMS	

To: ARCTURUS VENTURES INC.
ATTN: ROBERT STROSHEIN
BOX 10559
WHITEHORSE YT Y1A 7A1

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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH10091338

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-TL42 Au ppm	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm	ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
B666651		0.74	0.529	5.29	3.10	5.2	0.8	<10	10	<0.05	0.30	0.01	0.09	0.74	60.3	110
B666652		0.40	0.184	21.7	2.40	11.2	0.2	<10	310	<0.05	0.21	0.06	3.62	1.01	25.5	35
B666653		1.82	0.248	1.28	2.20	5.4	0.2	<10	280	<0.05	0.19	0.06	0.13	0.75	33.8	57
B666654		1.86	0.068	0.32	2.26	5.3	<0.2	<10	260	<0.05	0.12	0.11	0.10	0.71	17.3	18
B666655		1.36	0.027	0.16	2.53	3.2	<0.2	<10	130	<0.05	0.06	0.52	0.02	0.49	8.2	29
B666656		0.74	0.008	0.07	3.47	2.1	<0.2	<10	30	<0.05	0.10	0.13	0.01	0.48	6.3	56
B666657		0.98	0.012	0.11	3.02	5.3	<0.2	<10	50	<0.05	0.45	0.07	0.02	0.35	40.5	91
B666658		1.32	0.018	0.12	3.71	2.9	<0.2	<10	80	<0.05	0.26	0.46	0.01	0.61	15.3	12
B666659		1.12	0.012	0.07	2.49	1.4	<0.2	<10	40	<0.05	0.06	0.40	0.02	0.35	21.4	21
B666660		0.94	0.038	1.45	4.49	30.8	<0.2	<10	110	<0.05	0.90	0.03	0.13	1.43	38.4	54
B666661		1.22	0.003	0.04	0.22	0.9	<0.2	<10	20	<0.05	0.02	0.05	0.02	6.78	2.0	58
B666662		1.48	0.109	0.43	2.27	3.5	<0.2	<10	260	<0.05	0.25	0.01	0.02	1.15	11.3	12
B666663		2.14	0.035	0.59	3.32	3.7	<0.2	<10	170	<0.05	0.03	0.15	0.13	0.49	11.7	33
B666664		0.94	0.163	2.29	6.18	2.0	0.2	<10	70	0.11	0.23	0.05	0.24	1.29	53.8	116
B666665		1.04	0.015	0.17	3.80	1.3	<0.2	<10	200	0.07	0.03	0.32	0.07	0.97	28.5	30
B666666		0.74	0.015	0.14	4.14	3.0	<0.2	<10	80	<0.05	0.07	0.08	0.01	0.23	47.9	42
B666667		1.44	0.015	0.17	3.24	7.7	<0.2	<10	110	<0.05	0.17	0.23	0.05	0.58	20.9	22
B666668		1.28	0.009	0.06	1.25	16.5	<0.2	<10	70	<0.05	0.70	1.40	0.06	1.20	11.3	39
B666669		1.12	0.002	0.04	0.19	3.7	<0.2	<10	30	<0.05	0.08	0.02	0.01	1.97	0.9	53
B666670		1.36	0.009	0.09	4.47	2.5	<0.2	<10	50	<0.05	0.12	0.09	0.02	0.53	51.9	53
B666671		0.96	0.001	0.01	0.12	0.5	<0.2	<10	10	<0.05	0.01	0.21	0.02	0.10	1.3	8



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CERTIFICATE OF ANALYSIS WH10091338

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
B666651		0.05	6350	12.35	8.75	0.32	0.02	0.02	0.284	0.01	0.3	9.2	3.16	720	10.40
B666652		0.36	672	11.15	7.18	0.11	<0.02	0.02	0.058	0.19	0.4	8.2	1.69	1160	7.62
B666653		0.35	1335	12.20	7.21	0.13	<0.02	0.01	0.062	0.25	0.2	7.2	1.48	945	8.90
B666654		0.18	365	11.35	6.65	0.12	<0.02	0.01	0.020	0.24	0.2	7.2	1.53	1240	0.93
B666655		0.52	169.5	4.31	4.37	0.09	0.09	<0.01	0.013	0.04	0.2	7.6	2.17	678	0.42
B666656		0.10	57.1	5.29	7.66	0.09	0.05	0.01	0.013	0.03	0.2	11.3	3.69	773	0.86
B666657		0.10	174.5	8.46	8.50	0.19	0.04	0.04	0.036	0.02	<0.2	9.8	3.05	709	1.37
B666658		0.33	143.5	7.34	9.58	0.23	0.07	0.01	0.032	0.06	0.2	11.2	3.20	811	2.57
B666659		0.23	194.0	4.60	4.72	0.11	0.05	0.01	0.008	0.02	<0.2	7.5	2.27	545	0.42
B666660		0.17	937	11.85	9.14	0.12	0.03	0.01	0.193	0.14	0.5	10.1	3.44	663	1.44
B666661		0.06	28.2	0.85	0.68	<0.05	0.03	<0.01	0.005	0.02	3.3	1.1	0.14	76	1.33
B666662		0.21	343	14.00	7.32	0.15	<0.02	0.01	0.058	0.20	0.5	7.3	1.45	704	3.65
B666663		0.05	116.0	5.14	8.74	0.10	0.03	0.25	0.051	0.03	0.2	12.8	3.39	607	3.53
B666664		0.83	9970	11.30	16.45	0.37	<0.02	0.02	0.137	0.21	0.5	25.9	6.17	1610	0.60
B666665		0.65	970	6.32	8.35	0.14	0.02	<0.01	0.044	0.08	0.4	12.4	3.17	1220	0.71
B666666		0.14	683	8.89	8.25	0.17	<0.02	0.01	0.013	0.02	<0.2	16.8	3.75	940	0.21
B666667		0.18	194.5	7.96	8.03	0.10	0.04	0.02	0.038	0.04	0.2	17.1	2.88	906	1.21
B666668		0.41	72.8	1.84	3.20	0.07	0.02	<0.01	0.009	0.04	0.6	5.6	1.10	478	0.12
B666669		0.05	14.2	0.69	0.56	<0.05	0.04	<0.01	<0.005	0.03	1.0	1.0	0.12	68	0.51
B666670		0.54	243	9.34	10.40	0.16	0.02	0.01	0.034	0.02	0.2	15.8	4.47	1680	0.83
B666671		0.05	16.1	0.49	0.39	<0.05	<0.02	<0.01	<0.005	0.01	<0.2	0.6	0.10	222	0.17



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CERTIFICATE OF ANALYSIS WH10091338

Sample Description	Method Analyte Units LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
B666651		0.13	41.8	120	2.7	0.3	0.045	9.59	0.07	22.7	36.2	0.2	1.6	<0.01	1.01	<0.2
B666652		0.16	28.0	180	4.1	5.5	0.007	0.82	0.08	5.5	3.2	<0.2	6.5	<0.01	0.22	<0.2
B666653		0.15	28.2	110	3.9	6.4	0.011	1.02	0.07	5.4	3.5	<0.2	4.3	<0.01	0.24	<0.2
B666654		0.16	27.0	360	2.0	4.9	0.001	1.17	0.06	4.3	1.4	<0.2	3.3	<0.01	0.14	<0.2
B666655		0.09	17.6	150	1.0	1.4	<0.001	0.51	0.14	3.9	2.6	<0.2	23.4	<0.01	0.13	<0.2
B666656		0.14	28.6	270	0.4	0.6	0.003	0.31	0.06	7.4	2.4	<0.2	3.9	<0.01	0.15	<0.2
B666657		0.20	42.7	100	1.8	0.5	0.004	4.39	0.05	18.7	6.7	0.2	3.4	<0.01	0.41	<0.2
B666658		0.21	22.0	450	1.1	1.5	0.010	0.79	0.13	9.5	3.0	0.2	24.1	<0.01	0.32	<0.2
B666659		0.13	17.7	200	0.4	0.6	0.001	1.27	0.08	4.7	3.0	<0.2	15.5	<0.01	0.14	<0.2
B666660		0.11	25.0	180	2.9	3.2	0.004	1.68	0.10	15.3	7.6	<0.2	1.9	<0.01	0.35	<0.2
B666661		0.06	5.5	60	0.5	1.2	<0.001	0.03	0.07	1.0	0.5	<0.2	2.9	<0.01	0.02	1.1
B666662		0.18	19.2	170	1.9	3.8	0.003	1.15	<0.05	5.9	2.2	<0.2	2.0	<0.01	0.23	<0.2
B666663		0.15	28.6	210	1.6	0.8	0.003	0.15	0.19	5.9	0.8	<0.2	4.9	<0.01	0.27	<0.2
B666664		0.15	49.3	160	1.5	6.7	0.001	2.39	<0.05	29.1	32.7	0.4	2.0	<0.01	0.83	<0.2
B666665		0.08	30.1	210	1.0	2.9	<0.001	0.33	0.05	8.7	1.5	<0.2	20.2	<0.01	0.10	<0.2
B666666		0.13	35.7	100	0.6	0.7	0.001	2.91	<0.05	6.7	9.6	<0.2	4.3	<0.01	0.34	<0.2
B666667		0.13	26.4	160	2.2	1.5	0.001	1.51	0.11	15.5	4.8	<0.2	8.2	<0.01	0.29	<0.2
B666668		0.12	22.4	110	1.9	1.6	<0.001	0.05	0.12	6.1	0.3	<0.2	18.1	<0.01	0.02	<0.2
B666669		0.05	2.7	10	1.7	1.5	<0.001	0.02	0.07	0.8	0.4	<0.2	1.4	<0.01	0.02	0.6
B666670		0.13	37.5	170	0.9	1.2	0.004	2.97	<0.05	12.1	5.7	<0.2	3.2	<0.01	0.24	<0.2
B666671		0.05	2.1	20	0.4	0.3	<0.001	0.03	0.06	0.8	<0.2	<0.2	4.9	<0.01	0.01	<0.2



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Sample Description	Method Analyte Units LOR	ME-MS41 Ti %	ME-MS41 Ti ppm	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
B666651		0.026	<0.02	0.08	167	<0.05	1.03	150	<0.5
B666652		0.037	0.14	0.07	135	1.40	1.93	181	<0.5
B666653		0.028	0.17	0.06	155	0.09	2.16	116	<0.5
B666654		0.043	0.15	<0.05	143	0.10	2.02	230	<0.5
B666655		0.220	0.04	<0.05	100	0.06	2.02	74	2.6
B666656		0.199	0.02	<0.05	129	<0.05	2.00	74	0.8
B666657		0.127	<0.02	0.06	158	<0.05	1.71	89	0.8
B666658		0.291	0.04	0.07	205	0.09	3.14	89	1.1
B666659		0.155	<0.02	<0.05	79	<0.05	2.00	46	0.7
B666660		0.013	0.10	0.23	151	0.05	1.78	216	0.6
B666661		0.011	<0.02	0.18	8	<0.05	0.96	7	1.1
B666662		0.019	0.07	0.06	149	0.05	1.67	59	<0.5
B666663		0.213	0.04	0.07	138	<0.05	2.71	549	<0.5
B666664		0.092	0.14	0.14	307	<0.05	4.07	114	<0.5
B666665		0.082	0.07	0.46	135	<0.05	3.20	73	0.5
B666666		0.086	<0.02	<0.05	143	<0.05	1.00	33	<0.5
B666667		0.135	0.02	0.06	161	0.05	1.97	103	0.8
B666668		0.090	0.03	<0.05	54	0.31	1.95	22	<0.5
B666669		0.005	<0.02	0.10	6	<0.05	0.33	5	1.2
B666670		0.085	0.02	<0.05	180	<0.05	1.87	176	<0.5
B666671		<0.005	<0.02	<0.05	6	<0.05	0.42	5	<0.5



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Method	CERTIFICATE COMMENTS
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).