



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ARCTURUS VENTURES INC.
 1012 - 470 GRANVILLE ST.
 VANCOUVER BC V6C 1V5

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CERTIFICATE WH10159067

Project: First Base
 P.O. No.:
 This report is for 34 Rock samples submitted to our lab in Whitehorse, YT, Canada on 28-OCT-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-22	Sample login - Rcd w/o BarCode
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
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 WH10159067

Sample Description	Method Analyte Units LOR	WEI-21	Au-TL42	ME-MS41												
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	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
B666672		1.37	0.002	0.62	0.16	158.5	<0.2	<10	180	0.13	1.07	0.03	0.03	30.5	0.3	20
B666673		0.75	0.001	0.02	0.27	1.5	<0.2	<10	50	0.25	0.06	0.29	0.05	78.8	2.0	8
B666674		1.16	0.002	2.25	0.19	4.5	<0.2	<10	310	0.10	0.68	0.01	0.03	38.7	0.2	15
B666675		1.11	<0.001	0.04	0.31	0.5	<0.2	<10	70	0.20	0.10	0.22	0.02	53.6	2.4	20
B666676		1.81	<0.001	0.03	0.08	1.0	<0.2	<10	60	<0.05	0.05	0.24	0.01	15.90	2.0	46
B666677		1.19	0.001	0.13	0.46	76.9	<0.2	<10	90	0.27	0.37	0.11	2.39	36.7	3.1	8
B666678		0.87	0.001	0.04	0.65	1.5	<0.2	<10	70	0.15	0.88	0.01	0.01	5.59	0.1	7
B666679		1.39	0.001	0.04	0.65	1.3	<0.2	<10	80	0.15	0.37	0.01	0.01	5.57	0.1	7
B666680		1.01	0.001	0.13	0.44	0.7	<0.2	<10	130	0.17	0.42	0.01	<0.01	12.90	0.1	8
B666681		1.26	0.001	0.02	0.28	0.2	<0.2	<10	50	0.11	0.28	2.69	0.04	100.0	1.1	9
B666682		1.19	0.001	0.02	0.34	0.4	<0.2	<10	50	0.17	0.14	0.04	0.07	67.6	3.0	11
B666683		1.86	<0.001	0.10	0.81	1.6	<0.2	<10	60	0.17	0.37	0.31	0.06	69.8	8.5	14
B666684		0.85	0.002	0.24	0.19	6.2	<0.2	<10	50	<0.05	0.80	0.11	0.03	53.2	4.7	12
B666685		1.35	<0.001	0.09	0.19	9.9	<0.2	<10	120	0.08	0.14	0.02	0.31	55.3	0.4	15
B666686		1.35	0.001	0.15	0.23	9.0	<0.2	<10	120	0.07	0.16	0.02	0.08	31.8	1.2	12
B666687		1.21	0.001	0.02	0.92	1.7	<0.2	<10	90	0.21	0.65	0.01	<0.01	7.55	1.5	7
B666688		1.36	0.002	0.08	2.31	18.0	<0.2	<10	250	0.66	0.23	6.18	1.08	33.3	31.7	29
B666689		1.16	0.002	0.21	1.72	15.6	<0.2	<10	150	0.47	0.76	2.22	0.52	30.8	28.6	36
B666690		1.43	0.001	0.17	0.57	5.4	<0.2	<10	110	0.22	0.35	1.35	0.81	88.6	5.9	4
B666691		1.06	0.002	0.12	3.39	3.9	<0.2	<10	310	1.08	0.49	3.65	0.44	42.1	23.0	149
B666692		1.00	0.001	0.17	0.20	8.0	<0.2	<10	140	0.11	0.75	0.03	0.24	54.7	0.2	9
B666693		1.09	0.001	0.03	0.82	0.8	<0.2	<10	60	0.42	0.15	1.42	0.27	119.5	2.0	5
B666694		1.65	0.001	0.18	1.66	180.5	<0.2	<10	80	0.46	0.39	6.65	0.22	53.8	20.7	18
B666695		1.45	<0.001	0.24	1.47	268	<0.2	<10	60	0.46	0.49	8.16	0.24	54.7	12.4	16
B666696		1.77	<0.001	0.05	1.45	8.1	<0.2	<10	260	0.51	0.30	1.47	0.07	73.1	7.3	11
B666697		0.92	0.003	6.36	0.19	5.7	<0.2	<10	80	0.08	5.56	0.04	0.66	48.6	0.7	12
B666698		0.70	0.001	0.06	0.88	1.1	<0.2	<10	50	0.50	0.08	3.60	0.02	95.3	4.1	6
B666699		0.77	0.001	0.10	5.12	1.3	<0.2	<10	970	1.08	0.15	2.73	0.04	16.95	39.2	175
B666700		0.86	<0.001	0.03	1.51	0.4	<0.2	<10	220	0.32	0.17	2.96	0.03	112.0	9.5	11
B665795		0.69	0.002	0.09	4.77	0.5	<0.2	<10	1490	0.92	0.06	1.79	0.04	5.12	46.0	90
B665796		0.43	<0.001	0.05	1.51	0.6	<0.2	<10	310	0.25	0.16	0.29	0.02	95.4	6.5	9
B665797		0.75	0.002	0.05	4.23	0.5	<0.2	<10	1180	0.88	0.15	1.14	0.15	19.90	21.6	66
B665798		0.94	0.003	0.04	3.25	4.3	<0.2	<10	90	0.55	0.05	1.22	0.40	67.8	25.9	27
B665799		0.58	0.002	0.20	3.93	1.1	<0.2	<10	190	0.55	0.57	0.78	0.43	60.4	23.3	26



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CERTIFICATE OF ANALYSIS WH10159067

Sample Description	Method Analyte Units LOR	ME-MS41														
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
B666672		0.15	4.9	1.31	0.78	<0.05	0.20	0.01	0.012	0.32	16.7	2.0	0.01	24	1.55	<0.01
B666673		1.02	7.3	1.41	1.88	0.10	0.07	<0.01	0.022	0.23	39.3	4.1	0.03	207	1.63	<0.01
B666674		0.25	36.4	1.38	0.89	0.05	0.37	0.16	0.122	0.31	22.3	2.4	0.01	17	25.5	<0.01
B666675		1.09	23.2	0.93	1.86	0.06	0.08	<0.01	0.009	0.13	29.3	4.9	0.09	160	0.75	0.04
B666676		0.15	8.6	0.57	0.26	<0.05	0.04	<0.01	<0.005	0.08	8.1	0.4	<0.01	162	0.73	<0.01
B666677		1.08	63.8	1.64	1.45	0.06	0.10	<0.01	0.085	0.33	20.5	8.1	0.08	173	3.60	<0.01
B666678		0.41	143.5	2.64	3.38	<0.05	0.21	<0.01	0.072	0.17	4.2	3.1	0.44	153	3.96	0.01
B666679		0.39	85.7	1.88	3.09	<0.05	0.13	<0.01	0.035	0.18	4.0	2.4	0.43	152	1.97	0.01
B666680		0.75	50.7	1.66	2.22	<0.05	0.41	<0.01	0.031	0.21	11.7	2.9	0.19	76	2.65	0.03
B666681		0.69	7.1	0.51	1.04	0.10	0.19	<0.01	<0.005	0.19	52.4	2.1	0.04	745	2.11	0.02
B666682		1.37	37.4	1.05	2.04	0.07	0.40	<0.01	0.008	0.13	30.0	5.0	0.10	156	1.97	0.05
B666683		0.59	55.3	2.85	5.98	0.12	0.09	<0.01	0.021	0.08	36.2	18.7	0.52	317	0.34	0.05
B666684		0.10	4.9	1.12	0.68	0.07	0.19	0.01	<0.005	0.23	28.7	0.4	<0.01	18	3.02	<0.01
B666685		1.07	14.1	1.14	0.97	0.07	0.15	0.01	0.041	0.09	28.8	2.3	0.01	26	1.51	0.06
B666686		0.31	15.5	1.10	0.81	<0.05	0.37	<0.01	0.005	0.21	17.4	1.3	0.01	22	2.06	<0.01
B666687		0.27	16.4	2.91	3.72	0.05	0.19	<0.01	0.020	0.20	4.9	3.6	0.43	101	2.87	<0.01
B666688		1.91	116.0	5.41	7.73	0.14	0.07	0.01	0.039	2.02	17.4	20.3	1.25	1820	0.06	0.01
B666689		1.26	145.5	4.64	5.79	0.12	0.07	0.01	0.026	1.45	15.2	14.4	1.08	1100	0.05	<0.01
B666690		0.26	141.5	1.71	2.24	0.10	0.10	0.02	0.027	0.43	48.8	5.1	0.24	844	0.22	<0.01
B666691		2.89	231	5.84	10.90	0.18	0.07	<0.01	0.041	2.93	22.0	19.3	2.42	1290	0.48	0.01
B666692		0.21	14.6	1.21	1.04	0.05	0.28	1.03	0.071	0.20	33.2	1.0	0.03	31	21.5	0.06
B666693		4.41	16.5	1.44	3.55	0.12	0.21	<0.01	0.018	0.40	65.4	16.5	0.28	318	1.06	0.03
B666694		1.56	26.7	3.43	7.94	0.11	0.04	0.01	0.041	0.10	29.9	25.4	0.70	1060	2.10	0.04
B666695		1.59	50.1	2.92	7.22	0.11	0.04	<0.01	0.052	0.06	30.9	26.9	0.60	979	1.17	0.04
B666696		2.37	49.4	3.13	7.49	0.12	0.06	<0.01	0.060	0.44	37.4	35.6	0.77	876	0.70	0.05
B666697		0.20	311	1.30	0.61	0.07	0.21	1.68	0.252	0.19	35.3	1.5	0.01	59	6.78	<0.01
B666698		1.61	22.9	1.52	4.99	0.10	0.15	0.01	0.012	0.12	53.8	25.8	0.52	867	1.62	0.03
B666699		12.90	174.5	6.59	19.20	0.17	0.04	0.02	0.031	3.10	7.8	86.9	3.80	1320	0.59	0.04
B666700		3.33	58.8	2.75	11.80	0.15	0.08	<0.01	0.052	0.55	49.3	33.5	0.97	949	2.90	0.06
B665795		8.93	323	7.25	15.40	0.26	0.04	0.01	0.018	3.70	2.1	76.9	4.07	1160	0.43	0.08
B665796		4.00	100.5	2.81	11.35	0.15	0.08	<0.01	0.045	0.67	41.4	23.0	0.95	343	1.54	0.07
B665797		6.43	90.7	6.52	15.25	0.21	0.03	0.01	0.042	3.30	9.1	103.5	3.07	1230	0.19	0.06
B665798		3.27	124.5	5.70	13.85	0.19	0.08	0.01	0.061	2.44	29.8	47.6	2.39	1040	3.84	0.05
B665799		8.76	416	6.64	17.75	0.22	0.06	0.01	0.088	2.64	24.9	80.2	3.10	990	0.84	0.05



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CERTIFICATE OF ANALYSIS WH10159067

Sample Description	Method Analyte Units LOR	ME-MS41														
		Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm
B666672		0.23	0.9	80	294	8.9	<0.001	0.37	0.93	0.4	0.3	0.4	8.0	<0.01	0.01	8.5
B666673		1.34	2.0	280	4.2	8.1	<0.001	0.01	0.06	1.3	0.4	0.4	4.9	0.01	0.01	16.7
B666674		0.44	0.7	130	39.2	9.9	<0.001	0.26	0.61	0.3	1.4	1.4	6.2	<0.01	0.01	12.6
B666675		0.33	1.9	110	2.5	6.7	<0.001	0.09	<0.05	0.8	0.3	0.3	5.6	<0.01	<0.01	20.9
B666676		0.23	1.9	10	1.9	2.1	<0.001	0.02	<0.05	0.3	0.2	<0.2	6.2	<0.01	<0.01	3.7
B666677		0.20	2.2	350	8.9	13.9	<0.001	0.08	<0.05	0.7	0.5	0.6	9.2	<0.01	0.01	20.8
B666678		1.53	0.4	90	3.8	7.6	<0.001	0.07	<0.05	0.6	1.7	0.6	1.7	0.02	0.01	24.3
B666679		1.02	0.4	90	2.0	7.9	<0.001	0.04	<0.05	0.7	0.9	0.5	1.4	0.01	<0.01	18.1
B666680		2.71	0.4	100	3.0	11.0	<0.001	0.11	0.06	0.9	1.5	1.3	2.4	0.02	<0.01	28.7
B666681		0.17	0.9	590	4.5	6.0	<0.001	0.01	<0.05	0.9	0.5	0.2	63.9	<0.01	<0.01	21.1
B666682		0.35	2.1	120	2.3	5.7	<0.001	0.02	0.05	0.9	0.4	0.5	3.9	<0.01	<0.01	23.9
B666683		0.17	3.3	420	6.9	3.6	0.001	0.61	0.09	4.7	0.9	0.8	9.9	<0.01	<0.01	18.6
B666684		0.13	2.5	670	10.7	4.7	<0.001	0.61	0.26	0.6	0.5	<0.2	5.8	<0.01	<0.01	14.3
B666685		1.15	1.2	270	5.4	4.7	<0.001	0.13	0.06	0.7	0.6	0.2	6.1	<0.01	<0.01	13.7
B666686		0.11	1.6	150	17.9	5.6	<0.001	0.08	0.18	0.4	0.2	<0.2	5.0	<0.01	<0.01	15.1
B666687		0.49	0.4	90	2.5	8.9	<0.001	0.06	0.07	0.6	1.9	0.5	3.5	0.01	0.06	30.7
B666688		0.50	23.8	1770	24.2	95.3	0.001	1.66	0.06	9.8	1.4	0.7	242	0.01	<0.01	3.3
B666689		0.26	28.4	950	16.1	69.0	<0.001	2.28	0.29	6.0	1.5	0.6	92.0	<0.01	0.01	4.2
B666690		0.49	3.1	320	7.7	15.9	<0.001	1.01	0.36	0.7	0.7	0.5	49.6	<0.01	<0.01	24.8
B666691		0.35	96.4	1130	21.6	140.0	<0.001	0.77	0.08	10.4	1.5	1.0	114.0	0.01	0.01	5.4
B666692		0.23	0.8	190	59.0	5.6	<0.001	0.22	0.28	0.5	0.2	0.4	21.0	<0.01	0.01	14.6
B666693		2.06	1.3	200	7.3	33.9	<0.001	0.01	<0.05	1.1	1.1	0.9	45.3	0.02	<0.01	29.5
B666694		0.26	22.0	1230	19.1	8.0	<0.001	0.22	0.11	9.6	0.7	0.4	247	0.01	<0.01	10.2
B666695		0.18	14.2	1160	19.8	5.1	<0.001	0.03	0.15	9.3	0.7	0.3	368	0.01	0.01	8.8
B666696		0.59	3.9	490	3.9	15.7	<0.001	0.25	0.35	4.2	0.8	1.4	40.0	0.01	0.01	14.9
B666697		0.41	0.7	300	7350	5.5	<0.001	0.28	4.41	0.4	2.0	0.5	12.8	<0.01	0.10	18.8
B666698		0.11	3.4	160	20.4	5.6	<0.001	0.02	0.09	2.3	0.5	0.4	166.0	0.01	<0.01	24.6
B666699		0.25	72.6	1720	39.8	95.1	0.001	0.04	0.05	11.2	0.7	1.3	45.5	0.01	0.01	1.0
B666700		0.56	4.6	230	5.2	18.1	0.001	0.10	<0.05	3.8	1.2	2.0	63.5	0.01	<0.01	15.0
B665795		0.28	42.2	1560	4.3	111.0	0.001	0.31	<0.05	14.2	1.1	0.8	16.9	0.01	0.02	0.3
B665796		1.04	4.4	230	3.0	22.4	0.001	0.19	<0.05	3.8	1.3	2.7	16.9	0.02	0.01	15.4
B665797		0.49	22.9	2660	4.1	99.5	0.001	0.22	<0.05	10.8	0.8	2.5	25.6	0.01	0.01	2.4
B665798		0.83	13.9	1830	10.8	86.1	0.001	1.79	<0.05	13.1	1.1	1.7	33.9	0.02	0.01	6.8
B665799		0.68	8.8	2080	9.0	85.1	0.001	1.12	<0.05	12.3	1.7	2.1	28.9	0.01	0.01	8.7



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Sample Description	Method Analyte Units LOR	ME-MS41							
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
B666672		<0.005	0.23	0.23	1	0.10	2.23	9	9.3
B666673		0.005	0.06	1.47	1	0.07	9.60	9	2.8
B666674		<0.005	0.14	0.38	1	0.09	1.85	71	17.0
B666675		<0.005	0.04	2.62	4	0.05	7.31	6	2.6
B666676		<0.005	0.02	0.93	<1	<0.05	2.37	<2	1.6
B666677		0.006	0.15	2.21	3	0.10	5.92	436	5.4
B666678		0.018	0.05	0.98	2	0.05	2.21	18	9.3
B666679		0.005	0.03	0.53	1	0.07	3.64	23	5.9
B666680		0.044	0.12	2.79	1	0.05	2.77	15	17.9
B666681		<0.005	0.03	0.52	2	0.05	14.15	4	8.5
B666682		0.007	0.04	2.27	5	0.05	9.63	18	13.8
B666683		<0.005	0.04	3.13	24	0.12	13.25	41	3.0
B666684		<0.005	0.15	1.29	2	0.07	7.06	4	7.5
B666685		<0.005	0.09	1.39	2	0.09	4.61	133	6.1
B666686		<0.005	0.10	1.11	<1	<0.05	1.80	40	14.8
B666687		<0.005	0.03	0.85	1	0.10	2.97	8	6.6
B666688		0.422	1.12	0.17	104	0.14	26.7	354	1.6
B666689		0.273	0.87	0.20	52	0.11	11.10	258	2.1
B666690		0.036	0.23	1.73	7	0.12	8.00	221	3.9
B666691		0.545	1.53	0.14	92	0.12	17.05	227	1.7
B666692		0.006	0.81	1.00	2	0.07	2.40	88	12.7
B666693		0.035	0.17	2.93	3	0.14	36.2	63	7.4
B666694		0.008	0.09	2.78	70	0.16	18.85	56	0.9
B666695		0.007	0.04	2.47	63	0.16	23.3	49	1.3
B666696		0.082	0.07	1.20	46	0.06	25.1	42	1.3
B666697		<0.005	0.07	1.42	<1	0.06	6.05	374	9.0
B666698		<0.005	0.03	1.18	15	<0.05	18.05	12	5.0
B666699		0.405	0.37	0.73	154	0.20	15.85	73	0.5
B666700		0.075	0.07	1.40	24	0.10	35.8	30	1.2
B665795		0.609	0.39	0.12	216	0.20	9.92	104	0.8
B665796		0.110	0.10	1.96	20	0.10	37.6	29	1.4
B665797		0.518	0.37	0.40	134	0.18	12.50	201	0.5
B665798		0.389	0.51	1.00	70	0.14	28.8	266	2.0
B665799		0.415	0.35	1.28	105	0.15	18.65	178	1.5



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CERTIFICATE OF ANALYSIS WH10159067

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