



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

To: **ROCKHAVEN RESOURCES LTD.**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
**1016 - 510 W HASTINGS STREET**  
**VANCOUVER BC V6B 1L8**

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Finalized Date: 2-AUG-2012  
Account: ROCKHA

**CERTIFICATE WH12159380**

Project: Klaza-79

P.O. No.: Batch 4

This report is for 23 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 11-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-22Y	Split Sample - Boyd Rotary Splitter
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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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 WH12159380**

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
M897331		2.11	0.312	44.8	6.84	268	2060	1.52	0.58	2.37	1.29	49.3	7.3	8	17.65	127.0
M897332		2.60	<0.005	0.18	0.13	7	30	0.10	0.04	21.7	0.06	1.39	0.8	<1	0.26	2.8
M897333		4.46	<0.005	0.38	6.49	5.5	1520	1.94	0.28	2.41	0.20	43.6	1.8	5	16.00	14.8
M897334		0.22	2.33	25.7	6.25	2960	1360	1.20	21.3	2.28	81.4	40.8	11.2	18	13.60	444
M897335		3.07	<0.005	0.16	8.28	10.9	3700	1.14	1.20	1.96	0.24	45.6	6.7	4	12.80	32.9
M897336		3.59	<0.005	0.09	7.75	7.7	2380	1.53	0.35	2.73	0.10	43.2	6.1	12	11.55	12.4
M897337		1.78	<0.005	0.13	7.11	11.5	2730	1.29	1.03	4.18	0.11	39.0	29.8	8	10.70	3.2
M897338		3.02	<0.005	0.02	0.10	<5	30	0.05	0.02	21.8	0.06	1.09	0.7	1	0.28	3.1
M897339		5.21	0.011	0.10	7.11	7.7	2370	1.26	0.53	3.01	0.11	41.7	8.9	10	7.93	9.7
M897340		2.41	<0.005	0.08	7.73	7.4	2340	1.30	0.42	2.44	0.11	48.7	8.5	13	7.43	9.1
M897341		3.90	0.213	0.14	7.16	7.1	2310	1.30	0.46	3.34	0.15	45.0	8.8	11	8.61	10.5
M897342		<0.02	0.066	0.08	6.94	7.0	2210	1.32	0.51	3.25	0.14	42.3	8.4	11	8.36	9.6
M897343		5.06	<0.005	0.08	7.00	5.3	2140	1.43	0.55	2.76	0.12	39.8	7.5	13	10.85	11.8
M897344		2.27	<0.005	0.09	7.05	8.2	2170	1.36	0.42	2.49	0.10	43.3	6.9	10	11.25	11.0
M897345		0.89	<0.005	0.09	7.07	6.9	2210	1.43	0.46	2.37	0.11	48.0	6.8	9	11.35	12.1
M897346		1.56	<0.005	0.19	6.88	8.9	2690	1.20	1.07	3.05	0.11	42.0	9.9	9	8.98	3.4
M897347		1.89	0.014	0.10	7.72	6.7	2610	1.26	1.57	2.37	0.22	39.0	5.1	10	9.88	2.5
M897348		0.22	2.26	25.0	5.77	3360	210	1.38	17.40	2.14	77.1	44.3	10.6	20	13.95	417
M897349		4.37	<0.005	0.17	7.03	15.5	2300	1.52	1.48	2.96	0.42	43.1	6.2	12	13.05	5.0
M897350		4.44	0.007	0.13	6.84	16.2	1830	1.47	0.35	2.43	0.17	42.9	7.2	20	12.40	5.9
M897351		2.56	0.015	0.58	6.22	25.5	650	1.35	0.57	2.44	1.03	50.2	14.8	10	13.10	20.3
M897352		1.27	0.021	2.03	6.68	29.9	840	1.40	0.25	3.53	12.60	46.8	8.7	10	12.75	22.2
M897353		2.94	<0.005	0.08	7.48	6.4	2030	1.61	0.22	2.35	0.14	48.1	8.0	13	14.35	7.8



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Project: Klaza-79

**CERTIFICATE OF ANALYSIS WH12159380**

Sample Description	Method Analyte Units LOR	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M897331		2.61	16.60	0.08	1.1	0.039	3.34	28.6	46.1	0.79	4960	2.72	0.06	7.2	2.2	510
M897332		0.49	0.34	<0.05	<0.1	<0.005	0.06	0.7	1.6	12.85	230	0.19	0.01	0.2	1.9	190
M897333		1.38	14.65	0.08	2.0	0.008	2.55	22.8	68.4	0.74	750	4.80	0.05	8.9	0.8	190
M897334		6.78	15.00	0.08	0.9	1.580	2.74	23.2	24.6	0.94	1940	13.45	0.04	5.7	15.5	460
M897335		2.63	16.40	0.09	1.5	0.039	4.21	24.8	37.5	0.68	606	1.83	0.48	8.1	1.6	670
M897336		3.26	17.55	0.08	0.9	0.051	2.92	20.0	17.4	0.83	654	3.14	2.05	8.3	2.5	660
M897337		4.39	19.95	0.08	1.1	0.224	2.31	18.6	19.5	0.79	1270	0.45	2.71	7.8	2.6	600
M897338		0.50	0.26	<0.05	<0.1	0.005	0.04	0.5	1.2	12.95	229	0.16	0.01	0.2	2.0	200
M897339		3.31	17.45	0.08	1.1	0.074	2.71	18.8	26.7	0.81	744	2.36	1.40	8.1	2.5	640
M897340		3.23	16.50	0.09	1.1	0.044	2.98	26.5	18.1	0.84	591	2.07	2.05	7.6	2.3	640
M897341		3.21	16.75	0.08	1.0	0.062	2.88	21.4	26.3	0.81	704	2.02	1.47	7.8	2.5	600
M897342		3.10	16.35	0.09	1.0	0.063	2.79	20.7	25.3	0.78	677	2.61	1.42	7.5	2.5	590
M897343		2.79	16.70	0.07	1.2	0.038	2.73	19.2	31.1	0.66	577	2.72	1.58	7.6	2.2	570
M897344		2.87	17.20	0.09	1.1	0.055	2.96	19.6	27.8	0.67	668	2.94	1.12	7.9	2.2	560
M897345		2.87	17.65	0.11	1.1	0.065	2.99	22.5	28.4	0.66	671	2.91	1.08	8.2	2.1	570
M897346		3.66	15.55	0.07	1.1	0.109	2.55	20.4	27.9	0.68	907	1.46	1.85	7.2	2.2	550
M897347		3.18	17.40	0.08	1.3	0.094	2.19	18.3	24.6	0.74	814	1.23	2.43	7.7	2.2	580
M897348		6.56	13.25	0.08	0.9	1.655	2.51	22.8	22.7	0.88	1800	13.05	0.04	5.5	16.0	430
M897349		3.28	15.55	0.07	1.3	0.113	2.18	18.4	18.5	0.67	899	1.07	2.16	7.5	2.7	540
M897350		2.83	14.75	0.10	1.1	0.072	3.02	19.9	23.0	0.63	748	3.17	1.31	7.5	2.6	550
M897351		2.55	12.55	0.12	1.4	0.066	1.92	25.2	76.4	0.80	1300	1.45	0.07	6.5	2.6	400
M897352		2.77	13.15	0.10	1.2	0.069	2.03	26.1	86.4	1.12	1340	1.76	0.03	6.6	2.3	470
M897353		2.87	15.65	0.10	1.5	0.045	2.82	21.1	25.6	0.69	595	1.66	1.71	8.2	2.7	570



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**CERTIFICATE OF ANALYSIS WH12159380**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
M897331		207	158.5	<0.002	1.00	167.5	9.7	1	3.1	218	0.57	0.06	13.4	0.221	2.40	6.3
M897332		1.6	2.2	<0.002	0.01	0.45	0.5	<1	<0.2	42.5	<0.05	<0.05	0.2	0.005	0.03	0.5
M897333		23.8	94.7	<0.002	0.07	25.3	2.6	<1	1.5	279	0.92	<0.05	12.5	0.088	1.55	12.3
M897334		2870	159.0	<0.002	5.08	98.0	8.2	<1	8.2	95.1	0.43	0.37	10.3	0.186	2.45	5.5
M897335		23.1	145.5	<0.002	0.08	14.00	5.7	<1	2.0	257	0.58	<0.05	16.7	0.206	1.98	5.4
M897336		17.7	96.3	<0.002	0.03	5.94	10.7	<1	2.7	373	0.59	<0.05	10.1	0.276	1.30	3.2
M897337		9.4	76.3	<0.002	0.67	5.01	10.2	1	4.4	245	0.56	0.15	9.9	0.247	1.24	3.4
M897338		1.2	1.9	<0.002	0.02	0.20	0.3	<1	<0.2	45.0	<0.05	<0.05	<0.2	0.005	0.02	0.7
M897339		15.6	79.8	<0.002	0.10	7.39	10.3	<1	3.2	296	0.60	0.05	10.5	0.267	1.16	3.0
M897340		18.6	95.2	<0.002	0.02	5.64	10.1	1	2.6	374	0.59	<0.05	13.6	0.271	1.23	3.7
M897341		18.3	98.7	<0.002	0.04	8.86	10.5	1	2.7	334	0.58	<0.05	11.5	0.255	1.26	3.4
M897342		18.2	94.2	<0.002	0.04	8.60	10.1	<1	2.5	323	0.59	<0.05	12.1	0.245	1.22	3.5
M897343		17.9	87.2	0.002	0.03	6.63	9.5	<1	2.2	362	0.65	<0.05	11.0	0.248	1.17	3.3
M897344		17.2	101.5	<0.002	0.08	7.48	9.7	<1	2.4	261	0.62	0.07	11.2	0.247	1.36	2.9
M897345		17.2	121.0	<0.002	0.09	7.09	10.5	<1	2.7	245	0.62	<0.05	12.5	0.244	1.41	3.2
M897346		12.6	93.0	<0.002	0.83	5.75	9.4	<1	2.5	226	0.56	0.06	11.5	0.234	1.33	4.8
M897347		22.7	79.9	<0.002	0.18	8.81	10.1	<1	2.9	211	0.66	<0.05	13.9	0.251	1.11	3.0
M897348		2700	145.0	0.003	4.69	93.4	7.9	1	7.8	86.3	0.45	0.31	10.2	0.175	2.23	5.4
M897349		24.5	81.9	<0.002	0.24	8.52	9.9	1	2.8	252	0.70	<0.05	11.8	0.237	1.13	3.6
M897350		18.0	110.0	0.003	0.27	6.69	9.5	1	2.3	269	0.71	<0.05	11.4	0.240	1.61	4.1
M897351		74.3	98.4	0.003	0.68	21.1	8.1	1	3.9	151.0	0.75	<0.05	15.6	0.179	1.51	6.1
M897352		430	98.8	0.003	0.50	17.35	8.8	<1	3.6	179.5	0.66	<0.05	12.9	0.207	1.58	7.4
M897353		18.0	114.0	0.003	0.02	5.52	10.6	1	2.5	326	0.85	<0.05	12.9	0.256	1.35	4.9



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Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M897331		59	2.9	14.6	125	28.4
M897332		3	0.1	0.9	15	<0.5
M897333		15	1.7	12.0	41	54.7
M897334		57	5.0	9.2	5400	23.5
M897335		44	2.7	13.3	51	57.2
M897336		75	1.8	14.7	50	27.3
M897337		72	5.5	15.9	55	29.5
M897338		2	0.1	0.8	15	0.6
M897339		74	2.7	15.7	49	29.0
M897340		74	2.7	14.6	48	27.9
M897341		71	2.6	17.1	52	27.4
M897342		68	2.6	16.5	50	26.6
M897343		67	2.7	14.6	45	29.2
M897344		67	2.8	14.4	44	30.3
M897345		68	2.7	15.0	43	32.6
M897346		60	4.3	13.3	46	27.0
M897347		69	2.1	13.5	47	31.6
M897348		54	4.8	8.7	5290	23.8
M897349		63	4.6	13.6	49	32.9
M897350		62	2.6	13.1	44	28.1
M897351		49	2.5	12.8	96	31.7
M897352		56	3.2	14.7	916	29.6
M897353		67	1.9	15.4	48	36.1



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.