



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: 27-JUL-2012  
Account: ROCKHA

**CERTIFICATE WH12158984**

Project: Klaza TR-12-35

P.O. No.: Batch 3

This report is for 11 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-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-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
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	

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
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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 WH12158984**

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
		0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
M897837		2.81	<0.005	0.25	8.26	56.0	2220	1.86	0.77	0.47	0.20	53.7	8.2	11	23.1	20.6
M897838		3.78	0.007	0.33	8.02	45.4	1670	1.89	0.75	0.67	0.27	62.8	7.9	15	16.90	34.3
M897839		4.94	<0.005	0.16	7.97	18.2	2170	1.67	12.40	0.91	0.28	54.9	7.8	14	6.95	17.7
M897840		5.09	<0.005	0.25	8.00	24.3	2000	1.80	1.17	1.12	0.25	56.1	7.3	17	6.27	19.0
M897841		0.48	2.34	25.7	6.29	3510	1600	1.49	18.20	2.26	78.7	44.0	10.9	19	14.85	444
M897842		5.39	<0.005	0.22	7.85	13.4	1980	1.87	1.77	1.39	0.21	48.6	7.7	15	5.96	28.8
M897843		3.98	0.044	1.23	7.54	48.1	1660	1.57	3.70	0.82	0.74	54.5	9.0	18	9.87	37.7
M897844		3.30	0.014	0.48	7.72	35.4	1830	1.63	1.43	0.42	0.96	47.7	8.8	18	13.80	33.8
M897845		4.55	0.007	0.20	8.08	14.7	2230	1.76	2.68	1.19	0.33	48.9	8.4	14	6.19	31.6
M897846		3.38	<0.005	0.01	0.11	<5	20	0.06	0.04	20.5	0.06	1.22	1.4	2	0.22	1.8
M897847		2.36	<0.005	0.28	8.76	40.4	2440	1.54	0.95	0.45	0.35	50.2	9.2	14	14.45	36.8



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**CERTIFICATE OF ANALYSIS WH12158984**

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
M897837		3.56	17.75	0.12	1.6	0.047	3.73	28.8	15.6	0.18	1020	2.44	0.87	9.6	4.6	660
M897838		3.29	18.10	0.13	1.7	0.070	3.30	32.6	15.5	0.28	1390	2.21	0.96	9.2	6.3	660
M897839		3.01	17.30	0.10	1.6	0.048	2.94	24.6	16.4	0.44	774	1.83	1.81	9.2	4.5	600
M897840		2.95	17.90	0.13	1.6	0.059	3.07	28.2	14.7	0.57	850	1.84	1.97	9.0	4.7	580
M897841		6.88	14.80	0.15	0.9	1.890	2.69	23.8	25.6	0.93	1940	13.35	0.04	6.5	16.5	460
M897842		3.20	18.70	0.10	1.5	0.062	2.63	22.6	15.7	0.74	661	1.74	2.35	9.9	4.7	630
M897843		3.58	16.85	0.11	1.4	0.181	2.32	23.3	21.9	0.54	1500	1.67	1.30	8.9	6.9	620
M897844		3.03	18.90	0.10	1.5	0.101	2.35	17.4	27.9	0.47	1020	1.74	0.66	9.9	5.5	630
M897845		3.16	18.05	0.11	1.4	0.066	2.78	23.1	14.6	0.69	731	1.53	2.31	9.7	4.5	640
M897846		0.46	0.33	0.14	<0.1	0.006	0.04	0.6	1.4	12.50	216	0.16	0.01	0.4	1.6	170
M897847		3.88	20.1	0.12	1.5	0.049	2.80	18.8	20.3	0.27	946	3.45	0.84	9.8	6.0	710



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**CERTIFICATE OF ANALYSIS WH12158984**

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
M897837		20.5	199.0	<0.002	0.01	11.35	12.8	2	2.6	117.5	0.73	<0.05	17.1	0.271	2.48	4.0
M897838		20.6	182.5	<0.002	0.01	12.00	13.0	2	2.2	138.5	0.72	<0.05	16.4	0.269	2.19	3.8
M897839		20.3	148.0	<0.002	0.01	7.57	11.5	1	2.3	223	0.73	<0.05	14.8	0.250	1.33	3.1
M897840		18.2	156.5	<0.002	0.01	5.10	12.0	1	2.3	256	0.72	<0.05	15.2	0.249	1.42	3.1
M897841		2750	168.5	0.002	4.84	92.6	9.1	2	8.7	99.3	0.45	0.39	10.2	0.178	2.22	5.3
M897842		19.0	129.5	<0.002	0.02	4.22	12.7	1	3.6	319	0.73	<0.05	12.9	0.267	1.29	2.6
M897843		141.5	125.5	<0.002	0.01	38.0	12.5	1	5.0	181.5	0.67	0.06	13.5	0.283	1.52	3.3
M897844		160.5	131.5	<0.002	<0.01	15.05	14.4	2	2.9	94.4	0.71	<0.05	14.1	0.274	1.50	3.0
M897845		44.9	141.0	<0.002	0.01	5.17	13.0	1	3.0	294	0.69	<0.05	13.3	0.275	1.35	2.6
M897846		1.7	1.7	<0.002	0.01	0.13	0.5	1	<0.2	48.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.7
M897847		21.3	131.5	<0.002	<0.01	14.80	14.8	2	2.4	120.5	0.70	<0.05	14.9	0.291	1.36	3.2



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**CERTIFICATE OF ANALYSIS WH12158984**

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
M897837		76	2.1	19.2	58	45.9
M897838		75	2.5	18.0	62	46.2
M897839		67	15.9	14.4	61	47.2
M897840		69	2.3	12.7	58	46.3
M897841		58	4.7	10.3	5120	27.1
M897842		75	2.2	13.1	57	44.4
M897843		79	3.8	15.0	125	40.7
M897844		71	2.5	15.1	375	46.5
M897845		76	2.7	13.0	106	39.4
M897846		3	<0.1	0.9	14	0.5
M897847		83	4.7	18.6	77	45.1



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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.