



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: 31-AUG-2012

Account: ROCKHA

**CERTIFICATE WH12186245**

Project: Klaza-86

P.O. No.: Batch 4

This report is for 21 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 12-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER  
J TARSWELL

HEATHER SMITH  
MATT TURNER

JARED TARSWELL

**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
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**

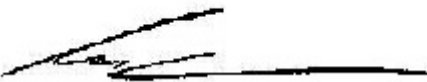
ALS CODE	DESCRIPTION	INSTRUMENT
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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 WH12186245**

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
N811107		2.36	<0.005	0.25	7.19	6.7	2230	1.36	0.36	3.35	0.46	61.9	5.3	14	8.89	2.0
N811108		2.16	0.005	0.39	7.34	8.2	2140	1.61	0.66	2.60	0.40	50.7	7.4	10	11.05	8.8
N811109		2.01	0.974	12.80	5.28	470	480	1.18	14.95	2.16	31.6	41.8	24.8	8	9.65	74.5
N811110		3.49	<0.005	0.02	0.07	<5	30	0.06	0.03	21.9	0.11	1.39	1.1	<1	0.16	3.3
N811111		1.80	0.015	0.54	7.10	23.9	1920	1.61	0.69	2.73	1.22	49.8	10.8	12	16.80	11.4
N811112		2.55	0.005	0.17	7.43	7.9	2300	1.56	0.38	2.72	0.27	49.4	6.6	13	9.44	5.2
N811113		2.20	0.008	0.30	7.14	15.9	2100	1.61	0.72	2.55	0.20	47.7	6.0	13	17.00	10.5
N811114		1.92	0.301	3.17	6.85	309	780	1.63	2.89	2.52	17.10	50.8	9.8	11	16.95	29.3
N811115		1.85	0.033	0.85	6.97	39.3	1540	1.51	2.61	2.21	0.21	53.9	57.7	11	12.75	11.5
N811116		1.96	0.008	0.35	7.10	10.7	3400	1.56	1.20	2.40	0.21	51.4	6.0	10	15.25	10.9
N811117		3.35	<0.005	0.17	7.45	8.2	2180	1.86	0.36	2.52	0.26	49.9	12.6	15	9.65	4.6
N811118		0.26	0.784	10.10	6.50	1510	1080	1.56	6.57	1.86	43.6	44.7	17.7	19	16.50	106.5
N811119		3.85	<0.005	0.10	7.23	4.8	2330	1.80	0.20	2.63	0.16	47.6	7.4	19	6.06	2.7
N811120		3.47	0.019	0.44	7.44	18.4	1970	1.83	0.79	2.40	0.34	49.2	7.7	15	10.15	34.0
N811121		1.76	0.008	0.15	7.09	8.7	2340	1.66	0.40	2.78	0.16	47.8	7.2	11	14.55	4.9
N811122		2.86	0.010	0.45	7.31	23.8	1720	1.36	0.39	3.10	0.49	46.2	5.3	10	18.15	11.2
N811123		2.22	0.020	0.40	7.30	29.0	2000	1.57	0.48	2.70	1.00	42.1	6.8	12	12.60	9.3
N811124		4.09	<0.005	0.12	7.66	4.2	2150	1.33	0.19	2.51	0.21	44.5	5.4	13	5.91	3.2
N811125		<0.02	<0.005	0.09	7.49	3.9	2150	1.22	0.17	2.53	0.20	42.5	5.4	14	5.80	3.1
N811126		4.90	<0.005	0.11	7.96	5.3	2290	1.31	0.20	2.72	0.14	49.6	7.2	14	5.23	4.4
N811127		2.72	<0.005	0.12	7.84	5.6	2280	1.25	0.20	2.68	0.13	48.4	7.5	13	5.24	4.0



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Project: Klaza-86

**CERTIFICATE OF ANALYSIS WH12186245**

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
N811107		2.13	18.10	0.12	1.1	0.079	2.82	33.2	19.0	0.83	705	0.89	1.01	7.8	3.2	660
N811108		2.37	17.75	0.12	1.1	0.108	3.48	25.2	19.1	0.62	599	0.76	1.01	8.0	2.6	650
N811109		10.90	13.35	0.22	0.6	1.935	2.39	22.3	9.7	0.82	2270	1.84	0.04	5.4	3.1	440
N811110		0.51	0.25	<0.05	<0.1	0.010	0.03	0.7	1.0	13.15	212	0.14	0.01	0.2	2.3	170
N811111		3.17	17.55	0.13	1.0	0.075	3.25	24.8	21.4	0.93	907	1.22	0.70	8.5	2.6	640
N811112		3.11	17.60	0.14	1.1	0.108	2.69	25.3	15.6	0.80	598	1.33	1.99	8.6	2.9	630
N811113		3.29	17.75	0.13	1.0	0.129	2.89	23.4	25.3	0.80	690	1.23	1.18	8.5	3.2	650
N811114		5.60	16.90	0.15	1.0	0.994	3.09	26.3	11.0	1.01	3270	4.65	0.04	7.2	3.4	600
N811115		3.91	19.15	0.14	1.0	0.575	2.83	29.6	24.5	0.94	999	4.91	0.10	6.2	5.0	610
N811116		2.98	16.80	0.12	1.1	0.208	3.03	26.2	36.3	0.85	655	0.91	0.45	8.1	2.9	580
N811117		3.27	18.60	0.13	1.1	0.098	2.73	24.6	16.0	0.81	573	1.11	2.08	9.3	3.2	640
N811118		5.10	16.60	0.15	1.3	0.966	2.78	22.8	26.1	0.69	1940	13.65	0.26	7.9	15.5	500
N811119		3.17	18.05	0.12	1.1	0.061	2.65	23.8	14.8	0.85	586	1.17	2.21	8.7	3.2	640
N811120		3.50	17.95	0.13	1.0	0.143	2.81	25.4	27.7	0.86	663	1.03	1.63	8.6	3.2	660
N811121		3.25	17.40	0.11	1.0	0.111	2.83	24.0	52.7	0.77	548	0.65	1.44	8.3	2.6	620
N811122		3.29	15.00	0.12	1.1	0.096	2.85	23.7	17.7	1.01	869	1.20	0.88	8.2	3.3	600
N811123		3.57	16.15	0.12	1.2	0.143	2.99	20.7	14.4	0.86	1140	2.03	1.44	9.0	3.0	650
N811124		3.20	15.35	0.12	1.0	0.060	2.77	23.0	9.7	0.84	578	1.23	2.24	7.9	3.0	620
N811125		3.24	14.95	0.12	1.0	0.059	2.73	21.8	9.5	0.84	585	1.21	2.21	7.9	2.8	620
N811126		3.53	16.05	0.13	0.9	0.063	2.64	25.9	12.6	1.00	643	0.85	2.38	8.3	3.2	690
N811127		3.45	15.95	0.13	0.9	0.058	2.62	25.0	12.4	0.97	626	0.71	2.35	8.2	3.1	680



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**CERTIFICATE OF ANALYSIS WH12186245**

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
N811107		29.9	160.0	<0.002	0.03	75.5	13.1	1	1.3	282	0.65	<0.05	12.3	0.267	2.20	3.7
N811108		25.2	180.0	<0.002	0.16	5.50	11.8	1	2.1	247	0.62	0.12	13.4	0.241	2.32	4.3
N811109		581	158.5	<0.002	>10.0	15.10	8.3	4	5.3	64.7	0.39	2.05	8.9	0.175	2.34	4.9
N811110		1.9	1.5	<0.002	0.02	<0.05	0.2	2	<0.2	55.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.4
N811111		44.4	133.0	<0.002	0.48	6.68	11.4	1	1.9	242	0.64	0.19	12.4	0.258	1.99	3.6
N811112		22.8	115.0	<0.002	0.13	2.07	11.8	1	1.8	403	0.71	<0.05	15.1	0.258	1.23	5.1
N811113		19.4	127.0	<0.002	0.24	4.77	12.4	1	2.0	317	0.66	<0.05	13.0	0.262	1.74	3.5
N811114		275	225	<0.002	3.02	10.50	11.2	1	4.4	109.0	0.57	0.31	13.8	0.227	2.95	5.5
N811115		15.6	198.0	<0.002	1.45	7.41	13.5	2	3.2	127.5	0.62	0.40	17.1	0.216	2.42	4.8
N811116		17.7	145.0	<0.002	0.20	10.80	11.1	1	2.1	197.0	0.74	0.08	14.7	0.241	1.97	5.2
N811117		20.5	112.5	<0.002	0.14	2.44	12.6	1	2.0	396	0.87	0.05	13.8	0.266	1.27	5.2
N811118		1370	170.5	0.002	3.08	34.9	9.9	2	6.3	148.0	0.62	0.41	11.8	0.207	2.43	5.0
N811119		18.8	100.5	<0.002	0.03	1.63	12.5	1	1.8	406	0.69	<0.05	13.2	0.268	1.15	4.3
N811120		23.6	133.0	<0.002	0.22	4.41	12.4	1	2.3	283	0.67	<0.05	14.2	0.261	1.55	3.5
N811121		17.6	123.0	<0.002	0.23	3.64	11.5	1	2.6	272	0.65	0.05	12.5	0.258	1.56	3.6
N811122		57.6	120.5	<0.002	0.40	4.68	10.2	1	2.3	244	0.70	0.07	12.8	0.264	1.72	4.6
N811123		59.0	120.5	<0.002	0.56	4.17	10.1	1	2.3	315	0.84	0.07	12.1	0.265	1.66	5.0
N811124		20.6	110.0	<0.002	0.02	1.68	10.1	1	1.6	396	0.68	<0.05	14.7	0.264	1.20	4.7
N811125		19.9	105.0	<0.002	0.02	1.67	9.8	1	1.6	392	0.67	<0.05	12.1	0.259	1.17	3.9
N811126		20.0	108.0	<0.002	0.04	1.58	11.3	1	1.8	443	0.62	0.05	12.1	0.290	1.14	4.0
N811127		18.8	105.0	<0.002	0.05	1.52	11.0	1	1.7	435	0.63	<0.05	11.3	0.285	1.11	3.8



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**CERTIFICATE OF ANALYSIS WH12186245**

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	Ag-OG62 Ag ppm 1
N811107		85	3.1	17.1	78	25.1	<1
N811108		71	1.9	16.2	61	25.0	<1
N811109		53	3.8	10.8	2390	15.5	13
N811110		2	0.1	1.0	20	0.5	<1
N811111		74	2.1	14.9	87	24.1	1
N811112		74	1.7	16.3	57	24.6	<1
N811113		76	1.9	15.4	51	22.8	<1
N811114		68	3.9	12.3	1320	23.2	3
N811115		84	2.1	15.0	54	22.2	1
N811116		68	2.2	16.0	50	24.5	<1
N811117		75	3.7	16.7	56	23.6	<1
N811118		57	5.6	12.0	3020	38.1	9
N811119		77	1.4	16.7	45	25.4	<1
N811120		74	2.0	16.0	66	23.9	<1
N811121		72	2.0	14.7	58	24.7	<1
N811122		76	2.2	15.6	78	24.5	1
N811123		79	2.8	15.6	109	25.8	<1
N811124		74	1.2	16.1	52	21.5	<1
N811125		72	1.1	15.7	51	23.5	<1
N811126		82	1.1	17.8	48	21.0	<1
N811127		81	1.1	17.4	47	20.3	<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.