



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
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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: 12-SEP-2012  
Account: ROCKHA

**CERTIFICATE WH12199400**

Project: Klaza - 112

P.O. No.: Batch 5

This report is for 37 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 25-AUG-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

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
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-QC	Pulverizing QC Test
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
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
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 WH12199400**

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
M354079		3.05	<0.005	0.21	6.77	20.1	1510	1.69	0.54	2.25	0.61	46.1	20.8	20	20.8	8.5
M354080		6.90	<0.005	0.06	7.20	6.7	2020	1.51	0.19	2.48	0.09	53.3	7.5	22	9.96	7.8
M354081		4.42	<0.005	0.03	6.36	2.5	1910	1.40	0.09	2.45	0.08	50.4	7.0	20	5.24	8.0
M354082		2.35	<0.005	0.03	7.42	2.9	2210	1.59	0.14	2.71	0.09	67.7	8.1	20	5.85	6.4
M354083		5.00	<0.005	0.04	7.39	4.8	2090	1.83	0.13	2.79	0.09	61.1	8.2	24	13.20	11.4
M354084		3.02	<0.005	0.05	6.50	15.0	1400	1.56	0.08	3.31	0.13	44.5	8.5	15	20.8	5.3
M354085		4.38	<0.005	0.06	7.30	4.2	2130	1.61	0.09	2.73	0.09	61.0	8.1	24	8.12	5.0
M354086		0.26	4.46	>100	5.61	7980	1020	1.23	65.2	2.02	238	40.0	9.6	17	11.80	1315
M354087		7.50	<0.005	0.12	7.54	7.6	2330	1.75	0.14	2.72	0.23	57.2	9.3	23	6.41	6.8
M354088		9.27	<0.005	0.07	7.25	2.9	2160	1.61	0.12	2.88	0.11	56.6	7.6	26	6.80	7.4
M354089		5.47	<0.005	0.04	7.01	2.4	2100	1.61	0.08	2.85	0.09	53.7	7.5	22	8.13	5.5
M354090		5.18	<0.005	0.14	6.45	19.3	1970	1.58	0.14	2.89	0.10	39.5	8.5	21	18.60	42.8
M354091		2.56	<0.005	0.05	6.94	12.1	1630	2.07	0.15	2.93	0.10	43.5	6.1	23	30.2	5.7
M354092		2.67	<0.005	0.55	6.51	32.8	2430	1.68	0.12	3.34	6.73	47.3	7.2	17	21.4	12.7
M354093		4.37	<0.005	0.08	7.21	5.4	2220	1.53	0.11	2.78	0.13	52.3	7.4	29	9.12	4.4
M354094		2.45	<0.005	0.12	6.81	7.7	1780	1.51	0.12	2.83	0.13	48.9	6.8	30	11.25	7.6
M354095		7.82	<0.005	0.05	7.22	7.0	2170	1.61	0.08	2.72	0.12	53.8	7.6	23	7.14	8.2
M354096		7.95	<0.005	0.07	7.08	5.4	2180	1.54	0.08	2.74	0.14	57.9	7.9	25	6.54	5.4
M354097		0.22	4.37	>100	5.40	8180	1000	1.24	61.2	2.01	228	38.6	9.4	17	11.35	1320
M354098		8.22	<0.005	0.15	7.08	9.2	2140	1.65	0.11	2.81	0.24	50.1	8.0	22	8.59	6.3
M354099		4.39	<0.005	0.07	6.95	3.9	2120	1.61	0.09	2.47	0.12	55.6	7.9	23	9.20	4.9
M354100		2.29	<0.005	0.09	6.34	4.3	1810	1.60	0.09	3.60	0.11	48.2	7.2	21	16.75	8.3
M354101		3.25	0.026	0.64	6.93	152.0	1810	2.04	0.15	3.99	1.99	53.5	6.5	17	20.0	6.5
M354102		1.92	0.072	12.50	7.26	262	840	2.12	1.67	2.30	1.25	70.1	17.1	12	29.3	669
M354103		2.54	1.740	>100	2.35	8090	160	0.64	30.2	3.19	100.5	13.70	91.5	10	6.81	4180
M354104		Not Recvd														
M354105		9.19	0.029	1.88	6.83	138.0	1490	2.14	0.32	2.99	2.79	62.3	7.0	16	21.6	24.3
M354106		2.14	1.075	19.80	6.28	7210	370	1.66	3.73	2.85	6.48	45.8	22.0	15	13.05	132.5
M354107		2.83	<0.005	0.09	0.17	5	30	0.08	0.04	20.8	0.09	1.58	1.8	<1	0.66	2.8
M354108		2.15	0.023	0.19	6.45	22.2	1920	1.64	0.13	2.92	0.11	41.9	7.0	19	9.58	5.0
M354109		5.10	<0.005	0.09	7.02	6.6	2040	1.76	0.07	2.91	0.11	49.1	7.4	20	10.75	4.6
M354110		<0.02	<0.005	0.08	7.00	6.4	2010	1.80	0.07	2.68	0.09	45.2	10.0	14	10.10	4.1
M354111		6.11	<0.005	0.08	7.12	11.2	2070	1.63	0.08	2.71	0.25	41.9	11.2	20	6.50	3.8
M354112		3.55	<0.005	0.06	6.97	7.7	2070	1.73	0.05	2.68	0.11	41.8	9.6	25	6.04	3.2
M354113		2.39	<0.005	0.11	6.91	12.7	2010	1.74	0.16	2.83	0.12	42.2	16.6	21	6.81	4.6
M354114		2.85	<0.005	0.16	6.54	13.8	1930	1.81	0.34	2.72	0.15	41.1	13.5	20	7.54	5.0
M354116		2.46	<0.005	0.01	0.08	<5	240	0.06	<0.01	20.0	0.05	1.25	1.7	<1	0.56	1.8



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**CERTIFICATE OF ANALYSIS WH12199400**

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
M354079		2.63	16.15	0.12	1.4	0.071	2.13	23.2	57.1	0.75	798	2.46	0.05	7.2	3.2	460
M354080		2.90	17.10	0.13	1.3	0.051	2.45	25.1	25.3	0.77	553	2.62	1.70	8.2	2.9	610
M354081		2.65	15.35	0.12	1.2	0.047	2.19	24.2	14.8	0.82	569	2.30	1.95	7.5	2.6	540
M354082		3.02	17.35	0.13	1.5	0.041	2.50	34.2	15.9	0.92	642	2.23	2.21	8.2	3.2	620
M354083		3.12	17.30	0.14	1.5	0.053	2.43	29.6	16.2	0.82	612	1.95	2.13	8.7	3.3	640
M354084		2.63	16.75	0.12	1.2	0.044	2.14	20.6	70.4	0.76	783	1.54	0.80	7.9	3.0	580
M354085		2.95	17.45	0.12	1.3	0.045	2.49	30.6	25.0	0.88	623	2.69	2.05	8.3	3.2	620
M354086		8.26	13.95	0.15	1.1	5.17	2.30	19.9	33.2	0.66	3120	14.20	0.09	5.9	15.5	470
M354087		3.11	17.85	0.09	1.4	0.044	2.51	27.5	17.2	0.96	625	2.17	2.28	8.4	3.0	630
M354088		2.96	16.60	0.10	1.3	0.044	2.49	27.1	16.1	0.85	634	2.79	2.21	8.0	2.9	610
M354089		2.91	16.70	0.10	1.4	0.042	2.47	25.2	16.2	0.78	617	2.04	2.00	8.3	2.9	600
M354090		2.91	16.20	0.11	1.5	0.051	2.21	18.1	28.3	0.75	642	1.63	1.42	8.3	2.9	570
M354091		2.91	16.90	0.10	1.5	0.042	1.99	20.2	48.7	0.65	613	1.73	1.33	9.9	2.6	590
M354092		2.71	16.20	0.10	1.4	0.038	2.24	23.0	76.1	0.93	737	1.22	0.16	8.7	2.6	540
M354093		2.94	16.90	0.10	1.1	0.044	2.27	24.5	16.7	0.83	600	1.89	2.26	8.1	2.9	620
M354094		2.92	16.30	0.09	1.2	0.054	2.20	23.3	25.3	0.83	568	1.98	1.98	8.0	3.1	600
M354095		3.03	17.00	0.11	1.2	0.046	2.51	26.1	19.1	0.94	608	1.76	2.28	8.3	5.8	620
M354096		2.98	17.00	0.11	1.2	0.048	2.54	28.3	16.9	0.93	635	2.08	2.16	8.2	3.0	610
M354097		7.91	13.85	0.15	1.1	5.02	2.30	19.3	32.5	0.63	3120	14.50	0.09	5.8	15.0	460
M354098		3.06	17.15	0.11	1.2	0.050	2.55	23.4	19.4	0.82	586	1.88	2.05	8.4	3.2	650
M354099		3.04	16.70	0.11	1.3	0.051	2.54	26.2	15.6	0.79	542	3.40	2.09	8.4	3.1	650
M354100		2.91	16.65	0.09	1.1	0.056	2.53	22.4	13.1	0.70	780	2.72	1.70	7.8	3.1	600
M354101		3.19	16.55	0.12	1.3	0.119	2.66	26.9	15.9	0.94	3020	1.91	0.73	7.8	3.0	590
M354102		3.52	18.20	0.13	2.4	0.214	1.89	34.0	48.0	0.74	578	2.11	0.08	11.6	3.4	920
M354103		16.10	5.96	0.26	0.5	4.50	0.79	6.1	16.6	0.81	1400	10.70	0.08	2.8	3.2	160
M354104																
M354105		2.57	17.95	0.10	3.2	0.074	2.67	31.3	62.1	1.08	737	1.36	0.07	9.7	6.4	1010
M354106		5.67	14.60	0.12	1.3	0.444	2.38	23.5	21.0	0.94	2160	1.70	0.54	7.0	3.2	530
M354107		0.49	0.46	<0.05	<0.1	0.006	0.08	0.7	1.7	12.40	230	0.14	0.01	0.3	4.5	190
M354108		2.83	16.15	0.09	1.3	0.059	2.51	18.7	9.5	0.83	698	1.30	1.90	7.7	2.8	570
M354109		2.90	17.15	0.11	1.4	0.045	2.54	22.3	14.7	0.86	647	1.53	2.20	8.6	4.0	640
M354110		2.85	16.35	0.11	1.2	0.045	2.48	20.6	14.6	0.85	594	1.06	2.12	8.1	3.0	560
M354111		3.00	16.75	0.15	1.2	0.055	2.53	21.3	16.6	0.83	575	1.97	2.30	9.0	2.9	610
M354112		3.04	16.30	0.19	1.3	0.050	2.50	21.8	17.1	0.91	585	1.99	2.25	8.8	3.1	600
M354113		3.26	16.10	0.17	1.3	0.064	2.49	21.2	14.0	0.84	591	1.96	2.15	8.9	3.0	620
M354114		3.19	16.05	0.16	1.5	0.087	2.36	20.1	13.3	0.85	630	2.15	2.01	9.7	2.9	620
M354116		0.48	0.55	0.30	<0.1	0.005	0.04	0.6	1.4	12.10	213	0.13	0.01	0.5	2.9	180



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Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M354079		27.2	94.9	<0.002	0.26	14.70	9.5	1	2.0	123.0	0.88	0.06	16.2	0.201	5.4
M354080		16.5	93.3	<0.002	0.06	5.05	12.2	1	1.9	335	0.72	0.06	12.7	0.260	4.2
M354081		14.7	83.1	<0.002	0.01	0.60	11.3	1	1.7	355	0.65	<0.05	12.5	0.231	4.1
M354082		16.9	101.0	<0.002	0.01	0.60	13.4	1	1.7	405	0.73	<0.05	16.5	0.262	5.0
M354083		17.4	99.5	<0.002	0.04	1.57	13.6	1	1.8	408	0.77	<0.05	15.9	0.276	4.8
M354084		14.4	72.7	<0.002	0.12	9.79	11.5	1	1.5	256	0.68	<0.05	10.7	0.257	3.5
M354085		16.4	100.5	<0.002	0.02	1.48	13.4	1	1.6	387	0.69	<0.05	14.6	0.265	4.3
M354086		9840	138.0	<0.002	7.27	223	8.3	2	9.2	129.0	0.49	0.55	9.5	0.189	5.8
M354087		23.6	94.6	<0.002	0.02	0.81	13.0	1	1.6	429	0.74	<0.05	13.3	0.268	4.3
M354088		17.6	92.8	<0.002	0.02	0.77	12.5	1	1.6	402	0.68	<0.05	13.7	0.258	4.2
M354089		16.7	93.2	<0.002	0.01	1.44	12.2	1	1.6	373	0.71	<0.05	12.5	0.261	4.1
M354090		15.2	77.0	<0.002	0.12	8.31	10.5	1	1.6	312	0.78	<0.05	11.3	0.255	4.4
M354091		16.6	84.3	<0.002	0.05	5.66	11.0	1	1.9	312	1.29	<0.05	11.2	0.263	4.6
M354092		84.1	80.9	<0.002	0.25	12.05	10.9	1	1.6	201	1.19	<0.05	11.2	0.246	5.2
M354093		17.7	83.6	<0.002	0.02	1.59	12.5	1	1.6	410	0.66	<0.05	11.3	0.269	3.4
M354094		17.2	84.3	<0.002	0.04	2.08	11.8	1	1.7	359	0.67	<0.05	11.4	0.264	3.6
M354095		18.8	93.4	<0.002	0.01	1.15	12.8	1	1.7	420	0.69	<0.05	12.7	0.273	4.4
M354096		19.3	92.2	<0.002	0.01	0.94	12.7	1	1.6	411	0.68	<0.05	13.1	0.265	4.4
M354097		9420	134.0	0.002	7.01	219	8.3	2	9.0	124.5	0.48	0.50	8.9	0.190	5.5
M354098		24.3	89.8	<0.002	0.02	3.08	12.9	1	1.7	428	0.70	<0.05	11.4	0.276	3.7
M354099		18.6	93.8	<0.002	0.01	2.94	13.6	1	1.8	412	0.72	<0.05	13.5	0.275	4.4
M354100		17.6	91.4	<0.002	0.01	5.14	12.2	1	1.7	391	0.65	<0.05	10.1	0.266	3.2
M354101		141.5	121.5	<0.002	0.40	8.02	10.4	1	2.1	285	0.63	<0.05	11.5	0.243	4.3
M354102		60.9	66.3	<0.002	2.22	96.8	6.1	1	2.1	349	0.87	0.28	9.7	0.255	8.7
M354103		4320	49.2	0.006	>10.0	644	3.6	3	8.7	84.0	0.21	9.24	3.3	0.079	4.6
M354104															
M354105		52.4	125.0	<0.002	0.47	14.75	7.1	1	1.6	246	0.74	0.10	8.6	0.279	5.8
M354106		350	122.0	<0.002	3.85	62.7	9.6	1	3.5	280	0.66	1.23	12.2	0.222	5.8
M354107		3.7	5.4	<0.002	0.01	0.24	0.5	1	<0.2	44.3	<0.05	<0.05	<0.2	0.007	0.7
M354108		19.6	89.6	<0.002	0.06	1.99	10.4	1	1.7	343	0.73	<0.05	10.3	0.252	4.0
M354109		18.4	98.7	<0.002	0.03	1.41	12.2	1	1.9	383	0.78	<0.05	12.0	0.269	4.6
M354110		16.9	99.2	<0.002	0.03	1.39	11.8	1	1.6	368	0.77	<0.05	11.1	0.262	4.4
M354111		21.1	87.1	<0.002	0.04	1.69	11.9	2	2.1	379	0.73	<0.05	12.5	0.259	4.7
M354112		15.5	82.8	<0.002	0.01	1.11	12.3	2	1.9	400	0.70	<0.05	12.0	0.263	4.2
M354113		16.5	81.8	<0.002	0.31	1.31	11.3	2	2.3	367	0.78	0.07	12.7	0.256	4.6
M354114		21.5	78.7	<0.002	0.23	1.55	11.9	2	2.4	348	0.98	0.08	12.1	0.260	5.2
M354116		1.4	3.2	<0.002	0.01	<0.05	0.3	2	<0.2	38.0	<0.05	<0.05	0.2	<0.005	0.6



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

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 Account: ROCKHA

Project: Klaza - 112

**CERTIFICATE OF ANALYSIS WH12199400**

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	Zn-OG62 Zn % 0.001
M354079		60	4.5	16.6	76	31.3	<1	
M354080		75	2.2	18.1	42	29.7	1	
M354081		67	1.1	17.3	46	27.9	<1	
M354082		77	1.2	20.4	47	33.3	<1	
M354083		82	1.3	20.0	51	33.4	<1	
M354084		76	1.9	17.0	47	28.8	<1	
M354085		77	1.4	19.9	44	32.1	<1	
M354086		56	4.7	10.8	>10000	34.1	119	1.600
M354087		76	1.3	19.2	58	32.0	<1	
M354088		75	1.2	18.7	50	32.0	<1	
M354089		76	1.3	18.7	46	32.6	<1	
M354090		72	1.3	16.0	45	33.1	<1	
M354091		73	1.5	18.3	45	32.5	<1	
M354092		71	2.2	17.6	492	30.2	1	
M354093		76	0.9	17.7	45	28.2	<1	
M354094		74	1.0	16.3	43	30.2	<1	
M354095		78	0.7	18.3	44	29.6	<1	
M354096		78	0.5	18.9	47	30.0	<1	
M354097		56	4.5	10.6	>10000	33.5	123	1.675
M354098		82	1.3	17.9	60	32.4	<1	
M354099		81	1.0	17.4	45	32.4	<1	
M354100		79	2.1	18.1	51	29.0	<1	
M354101		66	2.6	15.7	217	36.5	<1	
M354102		50	2.3	12.1	140	80.2	13	
M354103		25	2.6	6.0	7140	14.6	167	
M354104								
M354105		61	2.2	13.8	261	121.0	2	
M354106		62	2.5	13.7	530	33.2	19	
M354107		5	0.1	1.1	17	0.5	<1	
M354108		73	0.8	16.3	48	30.0	1	
M354109		81	0.7	18.5	47	32.4	<1	
M354110		80	0.7	17.6	43	27.6	<1	
M354111		75	0.9	16.8	47	34.4	<1	
M354112		78	0.9	17.6	38	36.1	<1	
M354113		77	1.2	16.6	40	34.3	<1	
M354114		81	1.7	17.1	46	35.8	<1	
M354116		2	0.1	0.9	12	0.5	<1	



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (detection limit 2 ppm) REE's may not be totally soluble in this method.