



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**

Page: 1

Finalized Date: 10-APR-2012

Account: ROCKHA

**CERTIFICATE WH12016887**

Project: Klaza

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-FEB-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

MATT TURNER

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	VARIABLE

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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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 10-APR-2012  
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**CERTIFICATE OF ANALYSIS WH12016887**

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
		Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
K272164		3.04	6.92	929	390	1.55	0.38	2.14	23.3	47.6	7.1	15	17.95	22.9	3.35
K272165		0.20	6.68	17.8	970	2.01	0.16	2.96	0.10	47.9	5.0	24	35.0	10.4	2.18
K272166		29.2	4.69	>10000	640	1.10	1.37	0.55	82.2	30.5	6.3	14	10.40	117.0	4.52
K272167		0.38	6.65	328	530	1.91	0.15	2.26	2.02	48.9	5.1	31	33.0	14.2	2.08
G006279		>100	1.31	1090	140	0.24	56.8	1.67	483	11.25	27.1	29	0.73	>10000	16.75
K272168		>100	4.54	>10000	420	1.19	6.80	0.59	283	34.4	5.0	15	15.40	502	6.23
K272170		0.42	7.04	154.0	610	1.45	0.27	2.68	1.94	45.3	7.7	15	23.8	12.4	2.75
K272254		0.11	7.29	9.6	2060	1.58	0.15	2.19	0.09	51.3	7.0	11	15.25	6.2	3.03
K272255		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272257		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272300		13.90	6.31	1365	910	1.19	5.86	2.73	151.5	42.7	6.3	7	21.9	89.4	3.70
K272302		4.05	6.88	3960	920	1.55	0.79	2.10	27.9	49.1	6.1	8	21.6	25.3	4.14
K272303		0.91	7.12	51.4	1960	1.47	0.37	2.25	4.03	52.5	5.7	11	15.85	9.9	3.19
K272307		0.57	6.94	21.1	1770	1.57	1.15	2.34	1.55	47.4	7.0	11	12.10	7.0	3.05
K272308		41.3	5.86	1075	970	1.21	14.20	1.76	74.5	39.6	10.2	6	14.65	268	4.44
K272309		0.76	6.86	13.2	810	1.38	0.94	1.73	0.62	53.9	6.8	9	12.20	1.5	3.02
G006280		97.6	7.35	51.0	1130	1.23	1.60	2.28	55.3	31.7	12.5	21	2.51	4430	3.82
K272323		0.10	7.35	7.1	2360	1.35	0.23	2.07	0.15	48.0	8.5	8	15.50	6.1	2.77
K272324		10.60	6.16	>10000	380	1.00	2.47	1.47	40.3	43.8	6.6	7	15.65	119.5	4.44
K272326		0.20	7.32	18.6	1150	2.28	0.20	2.77	0.34	60.3	5.6	15	20.7	8.8	2.40
K272327		0.06	7.33	19.2	970	2.40	0.11	1.90	0.30	61.2	5.4	14	22.2	4.0	2.34
K272328		0.41	7.35	156.0	1720	2.00	0.33	1.35	2.13	64.7	5.7	16	23.5	10.4	2.58
K272329		2.68	6.91	142.5	750	1.08	1.45	2.02	7.38	46.0	10.3	8	21.1	22.9	3.44
K272331		12.20	6.98	94.8	180	0.97	5.51	1.90	5.09	44.0	9.6	9	15.00	220	4.06
K272332		0.08	6.91	29.1	1490	1.82	0.20	2.55	0.16	43.6	6.2	14	17.55	6.4	2.30
K272348		0.61	7.19	71.8	1110	1.69	0.44	1.94	2.31	44.8	7.7	13	22.2	7.1	2.72
K272349		5.04	6.51	4830	180	0.97	1.76	2.07	23.6	44.5	21.6	9	18.55	29.5	5.66
K272351		5.17	7.04	322	830	1.48	1.69	1.90	67.3	49.7	8.8	8	16.75	33.8	3.70
K271376		0.03	0.11	5	20	0.06	0.02	20.3	0.12	1.82	1.1	1	0.34	1.9	0.45
K272363		0.57	7.12	39.4	630	1.11	0.58	2.85	1.85	55.4	15.5	8	9.93	2.1	2.99
K272365		40.7	5.40	>10000	170	1.01	10.15	1.21	123.0	15.55	9.5	8	7.64	596	5.88
K272366		0.35	6.79	37.0	1210	1.48	0.16	2.09	0.43	61.6	4.7	30	14.05	12.8	1.80
K272367		17.25	5.22	>10000	680	1.14	2.33	0.78	53.3	34.3	8.3	10	8.12	187.5	6.35
K272369		0.28	7.08	44.0	2050	1.81	0.26	2.59	0.58	61.7	5.6	19	34.6	8.2	2.42
K272370		0.08	6.90	35.2	1630	2.32	0.19	2.41	0.11	53.9	4.7	23	32.3	8.5	1.98
K272371		31.0	6.01	1790	590	1.17	14.45	0.66	124.5	46.7	7.0	10	10.75	505	6.43



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**CERTIFICATE OF ANALYSIS WH12016887**

Sample Description	Method Analyte Units LOR	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1
K272164		0.11	1.2	0.133	3.04	24.1	14.4	0.74	2010	5.12	0.03	7.5	4.0	550	719	171.5
K272165		0.13	3.2	0.035	2.51	21.5	173.0	0.85	524	1.64	0.07	8.7	13.9	740	18.6	85.3
K272166		0.17	1.1	0.585	1.99	15.3	29.6	0.33	308	25.6	0.03	5.1	5.8	350	4480	134.0
K272167		0.12	4.2	0.079	2.50	25.2	27.2	0.85	562	1.03	0.06	8.7	17.8	640	66.8	89.3
G006279		1.13	0.6	6.60	0.39	6.5	7.1	0.81	368	37.0	0.02	1.8	56.3	370	>10000	15.8
K272168		0.20	1.6	4.95	1.61	17.6	46.9	0.29	410	90.4	0.02	5.2	9.3	340	>10000	92.7
K272170		0.13	1.1	0.051	2.92	22.3	15.1	0.89	791	3.67	0.04	8.1	2.4	600	88.6	109.0
K272254		0.13	1.4	0.047	2.56	25.8	24.7	0.77	491	1.96	1.64	8.2	2.4	600	17.8	110.5
K272255		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272257		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272300		0.17	1.2	2.01	2.71	23.2	38.4	0.97	1460	5.34	0.06	6.8	2.1	450	3580	153.0
K272302		0.10	1.4	0.409	2.58	25.7	143.0	0.77	1820	1.91	0.04	6.9	1.9	510	1050	134.5
K272303		0.12	1.4	0.061	3.10	26.6	16.3	0.65	1230	0.77	1.35	7.5	1.9	540	230	145.5
K272307		0.13	1.3	0.085	2.54	24.7	40.7	0.69	817	0.49	1.55	7.6	2.2	550	82.8	115.5
K272308		0.20	1.2	2.40	2.47	21.7	62.2	0.64	1530	47.0	0.05	6.1	2.6	430	9640	142.0
K272309		0.13	1.3	0.036	3.21	28.3	23.2	0.91	773	1.23	0.04	4.8	2.0	510	45.3	194.5
G006280		0.19	0.6	12.85	2.14	16.4	11.7	0.67	564	38.6	2.45	7.1	12.2	790	8720	70.7
K272323		0.13	1.2	0.038	2.80	24.8	59.4	0.61	535	0.96	0.34	8.0	2.7	540	17.9	116.5
K272324		0.17	1.2	0.457	2.50	23.9	82.6	0.55	1180	4.68	0.06	6.8	2.4	450	1055	149.5
K272326		0.16	3.3	0.026	2.51	30.9	331	0.74	546	1.10	0.03	10.5	5.2	970	22.3	84.5
K272327		0.14	3.0	0.030	2.65	30.9	391	0.74	519	1.06	0.03	11.0	4.9	900	23.4	90.2
K272328		0.16	3.8	0.054	2.58	32.6	331	0.63	639	2.82	0.02	10.8	5.1	1030	68.6	98.0
K272329		0.17	1.4	0.154	2.69	26.0	91.1	0.75	1100	4.34	0.04	7.3	2.8	500	497	154.5
K272331		0.18	1.3	0.860	2.76	23.6	52.4	0.74	592	1.71	0.51	6.6	2.6	530	3190	140.0
K272332		0.15	2.2	0.026	2.50	21.0	246	0.72	461	1.44	0.11	8.8	4.3	780	16.0	79.1
K272348		0.14	1.5	0.076	2.91	21.7	229	0.61	807	1.19	0.09	8.6	2.8	560	101.0	111.5
K272349		0.21	1.1	0.159	2.58	24.2	73.8	0.73	1140	8.73	0.03	7.2	3.0	490	670	155.5
K272351		0.16	1.0	1.215	2.81	26.7	39.2	0.72	2460	3.60	0.03	7.1	2.6	500	1435	169.0
K271376		0.07	<0.1	0.005	0.04	0.9	2.0	13.00	204	0.13	0.01	0.3	3.1	190	4.9	2.2
K272363		0.13	1.0	0.084	3.12	30.2	23.1	1.00	1360	6.51	0.04	6.8	2.4	550	76.5	198.0
K272365		0.15	0.8	2.81	2.27	4.6	14.1	0.54	1500	20.6	0.02	5.0	3.0	380	8260	154.5
K272366		0.13	4.0	0.028	0.94	33.3	210	0.90	531	2.56	0.02	8.5	19.9	540	27.4	48.3
K272367		0.15	1.0	0.409	2.17	18.2	23.8	0.39	689	6.59	0.02	4.9	3.1	360	2990	146.5
K272369		0.13	2.5	0.039	2.45	32.6	187.0	0.89	718	1.63	0.05	8.5	10.5	670	62.1	118.0
K272370		0.13	3.0	0.027	2.16	26.9	334	0.83	493	1.38	0.04	8.8	14.7	670	14.8	85.7
K272371		0.18	1.2	2.05	2.64	24.4	15.5	0.42	905	14.85	0.02	6.0	3.7	500	6380	182.5



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**CERTIFICATE OF ANALYSIS WH12016887**

Sample Description	Method Analyte Units LOR	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 Ti ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1
K272164		0.002	2.28	19.00	9.2	<1	3.5	136.0	0.60	0.09	12.3	0.235	3.18	4.9	62	4.8
K272165		<0.002	0.02	10.65	5.2	<1	1.5	408	0.69	<0.05	8.9	0.270	1.65	5.3	52	1.8
K272166		<0.002	3.62	104.5	6.7	1	6.8	103.5	0.39	0.20	8.0	0.145	1.92	9.9	41	3.9
K272167		<0.002	0.08	10.20	5.3	<1	1.7	406	0.71	<0.05	10.4	0.256	1.82	5.0	50	1.7
G006279		0.034	>10.0	256	2.8	238	104.5	40.6	0.09	0.80	1.0	0.038	33.6	3.5	54	1.7
K272168		0.002	5.23	312	5.4	2	6.5	144.0	0.42	0.13	7.0	0.150	1.83	25.9	37	3.5
K272170		<0.002	0.73	10.80	9.8	1	1.9	188.0	0.66	0.08	12.4	0.260	2.48	7.4	69	3.7
K272254		<0.002	0.01	3.30	10.5	<1	1.6	282	0.69	<0.05	14.0	0.258	1.19	4.2	72	5.5
K272255		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272257		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
K272300		<0.002	2.42	28.7	9.1	2	2.8	157.5	0.58	0.13	13.6	0.185	2.63	5.3	52	4.4
K272302		0.002	2.11	35.8	8.8	<1	3.1	135.5	0.64	0.11	14.7	0.222	2.79	5.4	60	6.9
K272303		<0.002	0.56	6.34	9.1	<1	2.1	253	0.68	0.07	15.2	0.229	1.99	5.6	61	1.9
K272307		<0.002	0.69	6.66	9.3	<1	2.1	251	0.63	0.41	13.1	0.241	1.71	4.8	65	1.8
K272308		0.003	3.60	137.5	8.5	2	2.8	100.0	0.51	0.30	11.8	0.174	2.47	7.3	49	3.0
K272309		<0.002	2.40	11.00	9.0	<1	1.4	88.5	0.42	0.38	15.5	0.151	2.60	5.8	56	2.5
G006280		0.020	1.44	143.5	7.5	4	315	658	0.39	0.11	5.0	0.209	3.56	1.1	72	18.0
K272323		<0.002	0.44	12.40	10.7	1	1.6	164.5	0.72	0.05	13.8	0.234	1.68	3.4	62	2.5
K272324		<0.002	2.93	87.8	8.7	1	4.9	127.0	0.51	0.08	12.4	0.191	1.97	5.3	51	4.2
K272326		<0.002	0.05	24.8	5.2	1	1.4	407	0.75	<0.05	9.4	0.286	1.21	3.7	47	1.9
K272327		<0.002	0.07	25.1	5.1	1	1.3	303	0.80	<0.05	9.6	0.285	1.28	4.3	43	3.5
K272328		<0.002	0.17	22.5	5.9	1	1.6	435	0.75	<0.05	9.8	0.303	1.40	4.9	50	3.6
K272329		0.002	1.78	21.6	9.8	1	1.9	138.5	0.55	0.26	12.4	0.207	2.29	5.3	59	3.1
K272331		0.002	2.91	21.9	9.8	1	2.1	231	0.49	0.24	12.2	0.196	1.89	4.3	62	2.4
K272332		<0.002	0.45	12.45	8.7	1	1.5	282	0.70	0.06	9.7	0.273	1.57	4.1	66	1.8
K272348		<0.002	0.64	15.85	10.5	1	2.1	202	0.82	0.14	12.6	0.245	2.06	6.4	65	3.6
K272349		0.002	4.47	31.0	9.9	1	2.1	148.5	0.51	0.42	12.2	0.206	2.67	5.0	58	3.7
K272351		<0.002	1.91	30.0	10.0	2	2.3	149.0	0.57	0.16	12.3	0.216	2.99	5.2	61	5.3
K271376		<0.002	0.01	0.29	0.4	1	<0.2	46.7	<0.05	<0.05	0.2	<0.005	0.02	0.6	2	0.1
K272363		0.002	1.77	6.84	10.1	1	2.5	100.5	0.59	0.14	14.1	0.197	2.88	7.2	63	2.4
K272365		0.005	5.51	137.5	7.3	2	9.2	190.0	0.41	0.21	5.3	0.150	2.45	12.3	47	4.2
K272366		<0.002	0.18	20.5	5.9	1	1.5	820	0.72	<0.05	11.0	0.230	0.92	6.1	43	3.7
K272367		<0.002	5.71	92.4	6.4	2	7.9	71.0	0.44	0.16	8.3	0.143	1.96	5.7	42	4.2
K272369		<0.002	0.53	20.4	6.4	1	1.7	300	0.69	<0.05	10.4	0.239	1.85	6.5	48	2.1
K272370		<0.002	0.09	29.0	6.0	1	1.5	390	0.72	<0.05	10.0	0.254	2.02	7.7	49	1.8
K272371		0.002	6.23	98.9	8.5	2	8.9	56.5	0.48	0.28	10.5	0.193	2.87	5.7	56	7.2



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016887**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
K272164		12.1	1660	32.2				
K272165		10.4	58	108.0				
K272166		7.1	5360	32.9				
K272167		10.3	173	151.5				
G006279		7.4	>10000	18.3	173	1.305	1.530	9.52
K272168		8.2	>10000	58.1	124		3.51	1.825
K272170		13.8	158	27.6				
K272254		16.3	41	35.5				
K272255		NSS	NSS	NSS				
K272257		NSS	NSS	NSS				
K272300		13.7	>10000	41.3				1.165
K272302		12.9	1870	36.5				
K272303		15.0	421	36.7				
K272307		13.7	195	36.3				
K272308		11.3	6580	33.6				
K272309		10.6	68	35.8				
G006280		11.4	6950	15.7				
K272323		15.4	45	34.6				
K272324		11.6	3210	40.0				
K272326		9.6	136	120.5				
K272327		9.3	143	104.5				
K272328		10.1	240	144.5				
K272329		12.5	570	43.0				
K272331		11.8	526	40.8				
K272332		11.3	54	75.3				
K272348		13.8	207	36.6				
K272349		13.1	1670	32.0				
K272351		13.1	4470	28.1				
K271376		1.1	18	<0.5				
K272363		13.8	165	26.2				
K272365		9.1	8590	22.1				
K272366		12.3	65	144.5				
K272367		8.6	3590	27.5				
K272369		12.9	89	83.1				
K272370		12.1	60	104.5				
K272371		10.0	8380	39.2				



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