



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: 9-MAR-2012  
Account: ROCKHA

**CERTIFICATE WH12026782**

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  
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**CERTIFICATE OF ANALYSIS WH12026782**

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	ME-MS61
		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga 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	0.05
K270169		0.54	6.65	20.8	640	1.17	0.37	3.57	1.20	59.0	4.3	13	10.80	6.5	2.51	16.70
K270170		19.80	7.02	477	780	1.59	7.46	2.65	16.75	53.4	12.8	13	28.4	183.0	4.49	15.90
K270172		0.77	7.50	28.1	1880	1.31	11.20	2.40	2.47	51.5	6.1	10	10.95	15.0	2.89	15.20
K272741		0.33	7.38	21.2	2030	1.43	0.19	2.82	1.36	64.7	4.7	13	23.2	6.1	2.46	17.85
K272742		>100	1.89	3510	580	0.37	263	0.38	99.0	14.75	54.1	7	3.33	3290	25.5	4.91
K272744		1.20	7.48	50.6	1250	1.34	0.57	2.18	4.56	49.3	5.8	8	18.35	25.6	3.39	15.15
K272199		2.00	0.10	11	30	0.05	2.25	21.1	0.93	1.63	0.7	<1	0.23	29.8	0.52	0.27
K272745		2.75	7.37	14.2	2110	1.16	3.01	2.57	0.29	50.0	63.6	16	11.85	11.1	4.00	15.50
K272746		1.32	7.43	246	1400	1.45	0.88	2.18	5.44	48.6	22.1	8	14.30	23.8	4.27	16.20
K272747		0.41	7.65	20.0	1600	1.49	0.30	2.43	1.00	46.3	7.4	8	15.75	10.2	3.88	15.85
K272748		32.6	5.72	612	260	0.92	27.8	1.03	49.9	39.6	29.8	7	7.21	263	10.30	13.60
K272749		0.41	7.56	11.5	2160	1.28	0.22	2.46	0.61	46.4	7.2	10	11.25	6.8	3.15	16.10
K272801		1.45	6.23	113.0	1110	1.23	1.74	1.53	1.55	48.5	9.3	19	16.15	24.9	3.91	13.95
K272802		4.47	4.16	443	220	0.90	3.46	2.99	36.4	25.8	10.4	11	8.09	130.0	6.15	10.30
G0561925		>100	1.36	949	170	0.27	55.0	1.75	509	11.15	27.5	30	0.66	>10000	17.65	16.60
K272803		1.42	7.41	69.5	870	1.22	2.27	0.87	2.14	42.0	12.5	14	11.40	23.1	3.85	16.15
K272812		0.44	7.16	45.9	1070	1.19	0.28	2.64	0.64	51.8	4.6	12	10.15	8.3	3.44	14.65
K272813		85.2	5.25	5630	300	0.82	19.35	0.29	207	39.3	12.9	13	4.29	503	8.79	12.00
K272815		0.56	7.15	50.7	1670	2.40	0.28	2.86	1.07	66.5	7.1	17	25.6	13.1	2.75	18.35
K272816		0.45	6.75	31.8	1480	1.93	0.15	2.61	0.97	69.6	4.9	13	30.2	7.6	2.45	16.95
K272818		0.22	6.83	24.2	1340	2.00	0.13	2.61	0.43	69.6	4.9	13	28.1	4.6	2.49	17.65
K272819		1.31	6.31	162.5	1080	1.49	0.82	1.66	4.11	47.4	8.6	9	15.25	12.2	4.01	13.75
K272820		44.7	4.88	879	590	1.05	41.9	1.02	137.5	40.0	17.3	8	13.80	334	8.60	11.30
K272821		>100	3.75	2510	1110	0.73	45.9	0.80	84.4	29.9	25.1	16	7.00	1255	9.11	9.81
K272822		1.71	8.15	96.9	2190	1.96	0.87	1.78	5.46	66.3	8.2	16	16.30	15.9	2.71	21.8
K272934		6.21	5.53	1410	280	1.24	5.11	1.76	9.54	35.5	21.6	8	15.30	22.5	5.13	14.60
K272935		0.54	6.99	92.1	870	1.63	0.70	1.99	5.16	54.0	7.6	11	19.20	23.4	4.09	15.50
K272936		0.37	7.08	905	1960	1.62	0.61	2.72	1.22	45.6	9.0	13	12.95	7.7	3.21	15.60
G0561926		>100	7.25	52.6	1460	1.25	1.69	2.27	55.5	32.3	13.0	21	2.56	4450	3.80	19.55
K272938		3.90	7.15	>10000	500	1.29	7.16	1.19	6.97	46.1	9.3	11	15.30	142.5	5.67	15.10
K272939		0.21	6.60	164.0	1690	1.12	0.53	1.65	0.46	29.4	8.5	9	16.45	6.0	3.08	15.20
K272941		0.74	6.74	71.5	1980	1.17	0.22	1.72	4.76	41.5	8.0	10	13.90	9.3	3.13	14.15
K272942		9.39	6.23	1405	370	1.18	2.65	1.21	27.9	42.1	7.1	7	8.95	62.3	4.58	14.70
K272943		13.60	6.24	6320	910	1.43	1.84	1.93	18.15	43.9	7.5	8	16.15	36.8	4.27	14.85
K272944		12.90	6.87	2520	880	1.87	2.18	2.49	28.6	57.6	7.5	13	19.85	67.5	3.48	17.40
K272945		0.85	6.49	155.0	1620	1.34	0.25	3.00	3.63	43.4	7.4	9	15.65	35.5	2.96	14.55



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Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026782**

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
K270169		0.15	2.3	0.033	0.94	27.2	105.0	0.91	987	1.24	0.03	10.8	2.8	840	70.0	25.3
K270170		0.14	2.2	0.405	2.12	28.7	39.7	0.95	1080	6.19	0.12	8.3	4.6	800	1415	126.0
K270172		0.15	1.3	0.042	2.78	26.1	11.7	0.72	696	1.31	2.01	7.7	2.4	550	142.0	125.5
K272741		0.15	2.5	0.019	2.07	31.6	64.4	0.99	666	1.09	0.06	11.2	2.7	910	38.3	73.0
K272742		0.14	0.4	2.71	0.63	7.7	15.4	0.16	370	10.05	0.01	2.1	1.4	160	>10000	33.9
K272744		0.13	1.0	0.063	3.15	25.3	31.8	0.69	2620	1.07	0.26	7.6	2.0	580	296	148.0
K272199		0.10	<0.1	0.024	0.04	0.8	1.2	13.20	205	0.28	0.01	0.2	1.3	260	145.5	1.8
K272745		0.14	1.0	0.060	3.22	25.5	14.9	0.85	1230	0.87	1.17	7.7	4.3	610	32.9	157.5
K272746		0.14	1.0	0.194	3.57	26.3	18.8	0.79	2720	1.04	0.42	7.8	2.9	570	216	195.5
K272747		0.15	1.0	0.107	3.94	24.1	31.0	0.83	2950	0.94	0.44	8.2	2.2	590	54.9	209
K272748		0.17	0.7	0.976	2.66	21.1	8.5	0.53	4270	1.15	0.02	5.8	2.0	420	5060	171.0
K272749		0.13	1.0	0.066	3.05	22.9	12.7	0.75	1100	0.83	1.70	7.7	2.5	580	39.9	130.5
K272801		0.14	2.1	0.095	2.28	25.2	37.0	0.69	1180	1.69	0.04	7.1	6.8	890	80.6	123.0
K272802		0.11	0.7	0.328	1.49	13.0	76.4	0.70	1820	1.92	0.03	3.6	3.8	280	280	78.6
G0561925		0.45	0.5	6.29	0.41	6.3	6.5	0.86	390	35.8	0.02	1.4	55.6	390	>10000	14.5
K272803		0.11	1.2	0.158	3.55	22.0	29.1	0.66	1420	1.11	0.04	7.5	2.7	600	79.5	187.0
K272812		0.14	1.1	0.099	3.34	27.3	47.4	0.96	2100	0.90	0.16	6.7	2.2	530	25.4	191.0
K272813		0.15	0.8	0.664	2.57	20.8	7.9	0.27	1380	2.54	0.02	5.6	2.2	390	9130	173.5
K272815		0.10	3.4	0.042	2.74	34.2	136.5	1.02	807	1.24	0.03	11.3	6.2	1060	39.6	122.5
K272816		0.10	2.4	0.038	2.57	35.7	64.2	0.89	877	1.11	0.05	11.9	3.1	830	55.4	93.7
K272818		0.10	2.5	0.029	2.71	35.5	37.8	0.88	909	1.25	0.04	12.1	3.3	840	27.6	97.3
K272819		0.12	0.9	0.188	2.95	26.8	22.2	0.69	2730	8.33	0.02	7.1	2.6	530	167.0	192.5
K272820		0.16	0.8	2.67	2.30	22.1	18.6	0.48	1440	8.89	0.02	5.8	3.1	410	3440	153.5
K272821		0.15	0.6	2.96	1.77	17.9	13.2	0.29	578	15.10	0.01	3.9	3.4	260	7110	114.0
K272822		0.11	2.8	0.115	3.27	31.5	339	0.63	1160	2.49	0.02	15.1	4.1	1040	258	106.0
K272934		0.12	0.8	0.281	2.51	19.1	22.1	0.70	5630	32.7	0.02	6.1	2.9	440	585	167.0
K272935		0.11	1.1	0.409	3.08	29.4	61.7	0.82	1680	0.92	0.04	8.2	2.8	590	34.8	169.0
K272936		0.09	1.1	0.057	2.44	23.1	13.3	0.83	772	1.28	1.88	8.4	3.4	600	44.1	94.5
G0561926		0.09	0.5	13.30	2.20	16.4	11.0	0.65	568	40.7	2.42	7.4	11.7	770	8920	68.1
K272938		0.19	0.9	0.203	3.18	25.1	26.0	0.60	1730	1.26	0.05	7.9	2.9	580	362	189.5
K272939		0.14	1.0	0.047	2.33	15.2	29.2	0.56	856	0.59	0.08	8.6	2.7	600	26.7	73.1
K272941		0.16	1.0	0.067	2.69	21.3	29.6	0.68	1300	1.33	0.09	7.9	2.9	560	287	116.0
K272942		0.20	0.9	0.364	2.93	22.6	5.7	0.48	7870	1.18	0.02	7.2	2.7	490	1630	191.0
K272943		0.19	1.0	0.157	2.71	22.5	22.0	0.69	4540	2.76	0.04	7.6	2.8	510	769	142.5
K272944		0.18	2.5	0.191	2.31	30.3	49.0	0.93	3840	2.08	0.03	10.5	4.8	860	1095	116.0
K272945		0.18	1.0	0.062	2.45	22.4	49.3	0.96	1840	0.48	0.05	7.8	2.7	550	63.7	106.0



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**CERTIFICATE OF ANALYSIS WH12026782**

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
K270169		0.002	0.12	9.64	5.6	1	1.4	270	0.72	<0.05	8.2	0.246	1.01	6.7	47	2.5
K270170		0.003	2.36	72.5	7.6	1	3.9	282	0.69	0.27	10.6	0.256	2.07	15.1	60	3.6
K270172		0.002	0.12	3.81	9.0	1	3.2	308	0.73	<0.05	15.8	0.234	1.37	5.1	62	1.1
K272741		<0.002	0.19	5.23	5.9	1	1.6	295	0.76	<0.05	9.2	0.258	2.01	4.5	50	1.9
K272742		0.004	>10.0	426	2.1	2	12.5	54.3	0.16	2.99	2.9	0.059	0.68	4.9	15	1.5
K272744		0.003	0.62	7.70	9.4	1	2.0	138.0	0.67	<0.05	15.5	0.249	2.51	6.1	66	3.3
K272199		0.002	0.15	4.29	0.2	<1	0.2	46.8	<0.05	<0.05	<0.2	<0.005	0.04	0.7	2	0.1
K272745		0.003	0.72	3.42	9.8	1	1.8	264	0.64	1.57	13.9	0.240	1.94	5.2	66	1.8
K272746		<0.002	1.32	8.06	10.0	1	3.2	148.0	0.68	0.16	14.4	0.240	2.60	6.1	64	2.7
K272747		0.002	0.29	5.01	10.4	1	2.1	142.0	0.72	<0.05	15.7	0.255	2.70	5.1	69	2.3
K272748		0.005	8.70	35.2	7.3	1	14.1	22.2	0.49	0.43	11.0	0.184	2.05	5.8	47	5.1
K272749		0.004	0.09	2.94	9.9	1	1.7	309	0.61	<0.05	13.1	0.254	1.50	4.3	67	1.3
K272801		0.003	1.26	58.3	7.6	1	2.0	373	0.52	<0.05	8.0	0.281	2.13	10.1	66	3.6
K272802		0.002	3.58	74.1	6.0	<1	2.5	87.7	0.30	<0.05	5.7	0.140	1.12	14.0	42	4.4
G0561925		0.028	>10.0	263	2.6	180	105.5	36.1	0.09	0.44	1.0	0.042	30.8	3.5	57	1.6
K272803		0.003	0.73	78.7	11.2	<1	2.3	30.3	0.61	<0.05	12.5	0.267	2.07	11.4	78	4.1
K272812		0.004	0.33	7.11	9.7	1	2.2	112.0	0.57	<0.05	15.2	0.238	2.65	4.6	66	1.8
K272813		<0.002	8.70	152.0	7.5	3	12.2	25.7	0.45	1.38	9.2	0.183	1.96	2.8	54	3.8
K272815		<0.002	0.34	13.20	7.3	2	2.0	770	0.77	<0.05	10.1	0.294	2.56	4.9	64	2.8
K272816		0.002	0.07	11.80	5.8	2	1.5	341	0.79	<0.05	10.2	0.239	1.97	5.5	48	2.5
K272818		<0.002	0.05	12.65	6.0	2	1.5	305	0.81	<0.05	10.5	0.244	2.10	6.0	49	2.4
K272819		<0.002	1.66	30.8	10.0	1	2.7	106.0	0.53	0.05	11.8	0.220	2.55	10.2	63	4.4
K272820		0.002	8.03	101.0	7.3	3	8.8	91.4	0.42	1.00	9.1	0.178	2.01	9.6	52	5.5
K272821		0.002	9.36	456	5.5	3	7.2	59.6	0.31	2.32	6.1	0.125	1.49	10.4	42	4.8
K272822		<0.002	0.61	47.2	7.6	2	2.6	455	1.06	0.05	11.6	0.324	4.00	10.1	67	6.6
K272934		0.003	2.95	47.8	9.0	2	4.8	57.0	0.46	0.14	10.3	0.187	1.89	11.4	57	8.1
K272935		<0.002	0.35	10.90	11.4	2	1.7	73.6	0.63	<0.05	13.1	0.261	2.28	4.7	75	3.4
K272936		<0.002	0.08	6.73	11.4	2	1.7	339	0.65	<0.05	11.7	0.270	1.05	2.1	79	1.7
G0561926		0.021	1.52	147.0	6.7	5	335	659	0.42	0.13	5.2	0.215	3.47	1.2	75	19.3
K272938		<0.002	3.72	60.5	11.7	1	6.1	48.1	0.52	0.07	11.2	0.267	2.12	2.7	74	3.5
K272939		<0.002	0.18	16.85	10.5	1	1.7	79.1	0.61	<0.05	8.9	0.271	1.11	2.2	77	6.5
K272941		<0.002	0.23	23.1	10.7	1	2.3	81.2	0.57	<0.05	12.3	0.263	1.49	3.1	73	7.7
K272942		<0.002	3.50	30.6	10.4	2	7.9	22.8	0.52	<0.05	11.8	0.225	2.40	2.5	63	6.3
K272943		<0.002	2.14	34.8	10.5	2	4.0	83.1	0.55	0.05	11.2	0.235	2.14	3.8	67	3.3
K272944		<0.002	1.34	50.5	8.7	2	3.5	356	0.69	0.05	10.5	0.273	2.21	5.3	64	3.5
K272945		<0.002	0.44	20.8	10.6	1	2.0	155.5	0.55	<0.05	10.9	0.251	1.77	3.0	70	1.3



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12026782**

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
K270169		11.8	151	77.2				
K270170		13.5	1310	77.8				
K270172		15.2	333	28.1				
K272741		12.0	150	81.9				
K272742		3.9	6020	12.3	198		1.760	
K272744		13.4	531	20.0				
K272199		1.1	68	<0.5				
K272745		15.0	75	20.3				
K272746		13.6	566	19.9				
K272747		14.7	160	20.2				
K272748		8.1	5050	13.5				
K272749		15.0	92	20.0				
K272801		8.1	216	78.8				
K272802		8.0	4200	19.1				
G0561925		6.1	>10000	15.8	167	1.265	1.545	9.43
K272803		8.7	329	28.4				
K272812		11.2	109	25.1				
K272813		8.2	>10000	21.9				1.445
K272815		13.0	134	134.0				
K272816		12.5	130	85.8				
K272818		12.8	102	86.5				
K272819		9.9	448	27.7				
K272820		10.4	9140	22.3				
K272821		10.1	7670	17.0	151			
K272822		12.5	617	90.6				
K272934		9.4	1130	21.5				
K272935		14.4	711	27.8				
K272936		15.4	306	28.5				
G0561926		10.3	6890	15.3	104			
K272938		11.9	813	27.0				
K272939		11.6	140	30.0				
K272941		14.1	484	29.4				
K272942		11.2	2960	26.9				
K272943		13.1	1460	31.0				
K272944		13.9	2390	100.5				
K272945		14.8	294	29.2				



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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.