



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**

Page: 1  
Finalized Date: 15-MAR-2012  
Account: ROCKHA

**CERTIFICATE WH12016885**

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
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	
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE

To: **ROCKHAVEN RESOURCES LTD.**  
**ATTN: JOAN MARIACHER**  
**C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED**  
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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 WH12016885**

Sample Description	Method Analyte Units LOR	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05
K271722		12.40	6.73	1130	1520	1.38	0.35	2.08	28.0	43.2	7.1	17	17.30	71.8	3.32	16.55
K271723		>100	6.04	9250	1460	1.36	7.98	2.19	146.5	49.6	7.3	18	17.35	432	4.61	16.35
K271724		>100	4.02	9240	1140	0.90	24.9	1.84	390	30.2	11.4	13	10.60	2830	12.40	11.10
K271726		9.03	7.76	1530	2210	1.11	0.86	2.48	5.64	70.4	7.8	24	18.30	42.9	3.26	19.90
K271727		14.50	7.17	6470	1810	1.17	0.66	3.11	9.15	45.7	6.2	13	17.50	235	4.20	17.80
K271728		1.28	7.11	141.0	1510	0.94	0.50	2.16	0.33	47.1	6.3	11	17.65	11.2	2.83	17.50
K271491		2.25	7.24	135.5	1150	0.97	0.20	1.92	1.14	51.5	8.4	9	24.6	18.4	2.86	16.45
K271342		0.08	0.12	<5	30	0.05	0.02	21.7	0.15	1.54	1.3	1	0.37	2.4	0.53	0.39
K271492		>100	2.63	>10000	190	0.50	66.7	3.47	849	16.65	8.0	6	4.83	1685	8.27	7.55
K271493		2.06	7.21	232	790	1.12	0.51	2.47	3.92	45.9	7.9	10	25.2	19.6	2.71	17.25
K271495		0.27	6.82	30.6	2680	1.07	0.31	2.71	0.37	40.6	7.1	12	15.80	5.2	2.89	16.70
K271527		0.29	7.84	34.4	1110	1.54	0.21	2.05	0.75	67.3	6.6	16	21.8	10.1	2.70	21.8
K271528		10.20	5.95	1375	630	1.06	4.36	1.83	60.8	42.7	8.5	9	19.75	197.0	4.54	15.00
G006275		>100	1.47	1220	290	0.22	55.0	1.91	539	13.05	33.2	32	0.77	>10000	18.40	21.3
K271529		0.83	7.59	61.3	3010	1.46	0.40	2.84	3.38	57.5	7.0	12	34.5	30.7	2.64	19.80
K271530		0.60	7.08	60.5	2060	1.22	0.36	1.92	1.57	69.4	7.3	19	21.2	28.0	2.59	18.40
K271531		>100	3.59	>10000	1160	0.77	26.2	0.78	>1000	28.8	7.4	9	11.55	2040	8.72	12.30
K271532		3.06	8.12	1430	520	1.58	0.26	2.19	12.70	70.4	8.6	27	16.65	47.7	3.59	22.7
K271533		41.3	6.57	2240	270	1.00	19.75	0.67	204	44.2	10.3	10	8.19	888	6.69	16.60
K271535		1.70	7.95	51.0	1460	1.23	1.17	2.07	5.42	52.0	8.4	10	21.6	32.6	3.33	18.05
K271555		4.23	7.50	792	1160	1.01	1.54	2.17	58.2	55.8	8.4	11	15.80	37.8	3.91	17.65
K271557		0.55	7.48	37.6	1460	1.01	0.14	3.01	2.02	57.3	6.1	31	20.1	14.8	2.35	20.3
K271558		42.6	5.91	6530	710	1.04	6.55	1.25	226	42.2	7.7	12	15.55	377	4.60	15.30
K271559		7.73	7.05	1460	820	1.30	1.16	1.76	28.5	56.3	7.0	23	31.7	88.0	2.96	19.40
K271560		1.99	6.81	66.9	1120	1.28	0.48	1.84	5.47	51.6	5.7	29	33.7	33.0	2.01	19.35
K271811		1.26	7.54	383	1190	1.03	0.14	1.88	3.42	43.5	6.8	10	21.4	14.7	2.70	17.75
G006276		>100	7.80	59.0	1580	0.99	1.58	2.50	47.9	32.1	14.1	21	2.58	4550	4.02	23.5
K271812		11.30	6.56	263	1260	0.94	2.88	1.92	13.65	40.0	51.3	10	13.75	43.5	5.68	15.45
K271814		4.36	6.92	331	1140	1.17	0.65	2.18	11.75	45.9	9.2	10	14.90	34.8	3.71	16.85
K271815		0.25	7.24	8.2	2170	1.11	0.12	2.73	0.29	43.3	6.8	12	11.95	14.2	2.92	17.45
K271816		2.64	7.43	119.0	1510	1.10	0.21	2.38	9.76	49.6	7.5	10	17.45	41.6	3.69	17.55
K271838		0.44	7.13	24.7	900	1.36	0.16	3.19	0.34	48.1	7.6	9	27.6	13.1	2.52	19.55
K271839		>100	6.97	3050	960	1.13	2.68	1.92	89.3	47.7	7.2	8	19.55	286	3.63	16.45
K271841		7.02	7.22	2470	2020	1.17	3.25	2.57	8.98	48.9	6.3	8	19.50	41.0	3.52	17.00
K271842		1.25	7.44	237	1990	1.15	0.37	2.39	3.00	45.8	8.1	9	23.2	13.8	3.09	17.70
K271843		30.1	7.09	2000	1100	1.36	2.11	1.98	65.1	53.6	7.0	11	22.2	85.8	3.54	17.05



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**CERTIFICATE OF ANALYSIS WH12016885**

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
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1	ppm 0.2	ppm 10	ppm 0.5
K271722		0.11	1.0	0.168	2.95	20.8	55.0	0.69	1280	1.95	0.07	8.3	5.1	550	1555
K271723		0.14	2.1	2.16	1.46	25.4	106.5	0.74	709	15.65	0.04	7.8	8.2	540	5990
K271724		0.20	1.1	11.30	1.18	15.8	56.6	0.47	637	23.5	0.03	4.6	5.6	340	>10000
K271726		0.17	4.6	0.113	0.94	37.2	71.8	1.01	676	1.41	0.05	12.0	8.4	1320	723
K271727		0.20	1.4	0.211	2.58	23.9	24.0	1.00	885	1.96	0.94	8.8	5.1	570	810
K271728		0.18	1.2	0.084	2.72	24.0	23.9	0.67	976	1.40	0.13	8.9	2.6	590	39.4
K271491		0.20	1.1	0.055	2.85	28.7	29.3	0.70	854	1.25	0.04	8.3	2.7	530	74.9
K271342		0.11	<0.1	0.009	0.05	0.8	1.0	12.75	224	0.17	0.01	0.4	1.8	190	8.1
K271492		0.16	0.5	32.3	1.13	7.3	14.1	1.39	1700	16.00	0.02	2.9	1.6	150	>10000
K271493		0.18	1.3	0.188	3.00	23.0	63.5	0.69	1240	2.62	0.04	8.8	2.7	570	232
K271495		0.19	1.3	0.057	2.81	20.2	19.5	0.62	593	3.05	1.45	8.5	2.4	550	33.2
K271527		0.22	4.4	0.043	2.70	34.6	460	0.89	588	1.33	0.06	12.4	5.7	1150	41.6
K271528		0.19	1.5	1.175	2.33	22.2	27.5	0.68	1080	14.50	0.05	7.0	4.1	470	1480
G006275		1.20	0.7	7.32	0.43	7.6	5.9	0.90	407	41.7	0.02	2.0	63.0	420	>10000
K271529		0.19	3.8	0.115	2.66	30.2	94.1	1.08	610	1.99	0.10	10.9	5.0	870	117.0
K271530		0.20	4.2	0.065	1.81	37.2	135.5	0.87	715	5.54	0.06	10.7	6.3	1070	64.4
K271531		0.20	1.4	24.2	1.25	15.3	49.9	0.35	1060	199.0	0.04	4.3	5.2	360	>10000
K271532		0.19	4.9	0.144	2.37	36.3	560	1.02	853	5.29	0.04	13.3	10.0	1430	286
K271533		0.21	1.3	6.95	3.04	22.7	12.2	0.40	710	13.10	0.04	7.2	3.0	530	5920
K271535		0.20	1.4	0.169	2.49	27.9	243	0.77	730	3.85	0.05	8.2	2.9	630	257
K271555		0.23	1.2	1.090	3.05	30.7	22.9	0.75	1060	4.16	0.26	8.2	3.4	560	810
K271557		0.21	4.0	0.053	2.32	30.9	233	1.02	580	2.64	0.06	9.9	21.7	620	68.6
K271558		0.21	1.5	3.19	2.43	22.4	17.8	0.56	892	3.90	0.04	7.0	8.4	460	8520
K271559		0.21	2.9	0.714	2.56	30.9	58.2	0.76	796	8.72	0.06	9.0	15.7	600	1255
K271560		0.21	4.0	0.170	2.53	26.8	37.4	0.76	489	3.41	0.07	9.3	20.0	590	304
K271811		0.24	1.1	0.051	3.10	22.2	32.3	0.65	1280	2.01	0.21	8.6	2.5	580	345
G006276		0.23	0.6	13.10	2.27	16.5	8.4	0.71	605	41.2	2.63	8.1	12.7	830	9370
K271812		0.21	1.0	0.318	2.66	21.6	38.2	0.72	1460	1.48	0.07	6.8	3.2	440	2720
K271814		0.20	1.1	0.253	3.26	24.0	20.5	0.62	2250	1.63	0.10	8.4	2.4	540	785
K271815		0.23	1.1	0.078	2.69	21.4	6.1	0.73	675	1.69	2.01	8.8	2.6	560	33.9
K271816		0.24	1.2	0.065	3.06	25.5	10.2	0.65	1470	2.27	1.13	8.8	2.8	590	770
K271838		0.25	3.7	0.048	3.06	24.0	22.8	0.98	588	1.58	0.07	11.4	4.6	750	43.2
K271839		0.20	1.3	0.718	2.95	24.8	12.2	0.69	1460	2.31	0.04	8.0	2.4	540	>10000
K271841		0.22	1.4	0.125	3.12	25.3	61.6	0.66	1040	1.40	0.53	9.0	2.4	570	1135
K271842		0.22	1.3	0.069	3.25	23.4	28.3	0.74	1160	1.27	0.07	8.9	2.6	580	158.0
K271843		0.14	1.5	0.382	2.78	27.5	29.0	0.68	1360	2.15	0.04	8.0	3.0	570	4690



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**CERTIFICATE OF ANALYSIS WH12016885**

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
K271722		<0.002	1.49	36.5	10.2	1	2.5	117.5	0.63	0.08	10.4	0.240	2.67	3.8	65	3.0
K271723		<0.002	3.52	223	6.6	2	8.6	254	0.57	0.39	9.2	0.215	1.75	6.6	46	3.5
K271724		0.002	>10.0	750	5.2	4	17.2	187.5	0.34	1.13	6.1	0.133	1.42	4.3	35	3.0
K271726		<0.002	0.45	56.6	7.3	1	2.0	236	0.75	0.08	9.3	0.349	0.78	5.1	66	2.8
K271727		<0.002	1.60	64.1	10.7	1	3.4	249	0.64	0.13	12.1	0.248	1.89	3.6	66	2.5
K271728		<0.002	0.28	18.35	10.8	1	2.5	109.0	0.68	0.56	11.2	0.257	1.99	3.7	68	2.7
K271491		<0.002	2.06	25.2	10.8	1	1.7	89.8	0.65	<0.05	13.8	0.241	3.69	6.3	64	7.5
K271342		<0.002	0.02	0.34	0.3	1	<0.2	48.9	<0.05	<0.05	0.2	<0.005	0.03	0.5	2	0.1
K271492		<0.002	>10.0	449	4.0	3	5.6	72.7	0.25	0.67	4.7	0.073	1.35	3.2	24	2.8
K271493		<0.002	1.36	17.60	10.3	1	2.0	126.5	0.77	0.08	12.4	0.246	3.25	7.1	67	4.8
K271495		<0.002	0.30	4.46	10.1	1	1.8	278	0.73	0.10	11.8	0.238	1.69	4.7	66	5.6
K271527		<0.002	0.11	25.3	6.0	1	1.9	518	0.82	<0.05	9.9	0.332	1.76	4.0	56	2.9
K271528		<0.002	2.76	108.0	8.3	1	6.7	123.0	0.53	0.16	9.7	0.198	2.18	4.7	54	4.9
G006275		0.034	>10.0	289	3.3	237	125.5	48.9	0.11	0.91	1.1	0.044	36.4	3.8	61	1.9
K271529		<0.002	0.37	17.20	8.1	1	2.0	318	0.76	<0.05	9.7	0.304	2.03	5.0	70	2.9
K271530		<0.002	0.28	30.6	7.3	1	3.7	581	0.71	<0.05	9.8	0.313	1.24	7.2	61	4.5
K271531		0.005	>10.0	607	4.1	4	22.7	261	0.30	0.36	5.5	0.127	1.84	12.3	33	3.0
K271532		<0.002	0.34	51.4	7.8	1	3.9	556	0.79	0.07	9.5	0.387	1.45	4.9	74	4.7
K271533		0.002	6.98	135.5	9.9	2	10.3	69.1	0.56	0.83	11.7	0.211	2.50	4.8	59	9.1
K271535		<0.002	1.77	23.0	11.3	1	2.5	212	0.67	0.38	14.6	0.239	2.22	5.2	68	3.8
K271555		<0.002	2.65	14.95	11.3	1	3.5	176.5	0.66	0.39	14.1	0.246	2.55	4.8	66	4.2
K271557		<0.002	0.14	11.45	6.5	1	1.9	817	0.73	<0.05	11.4	0.258	1.56	5.1	50	1.6
K271558		<0.002	4.49	89.0	8.2	2	6.1	153.5	0.53	0.13	10.2	0.203	2.39	4.9	53	4.1
K271559		<0.002	1.34	53.4	7.8	1	5.1	327	0.71	<0.05	12.3	0.247	2.13	8.7	55	3.4
K271560		<0.002	0.17	26.0	6.0	1	1.8	412	0.73	<0.05	10.6	0.247	1.69	6.5	49	2.6
K271811		<0.002	0.57	23.3	10.9	1	2.1	110.5	0.65	<0.05	12.3	0.252	2.69	4.6	69	5.3
G006276		0.020	1.67	159.5	8.1	4	335	686	0.46	0.14	5.4	0.234	3.65	1.2	80	19.1
K271812		<0.002	4.75	25.5	9.9	1	3.6	103.5	0.51	0.83	11.5	0.203	2.50	5.0	62	3.6
K271814		<0.002	1.98	14.10	10.4	1	3.0	103.0	0.65	0.15	11.8	0.243	2.91	4.7	65	3.4
K271815		<0.002	0.03	2.33	10.9	1	2.1	340	0.64	<0.05	11.5	0.243	1.40	3.4	66	2.4
K271816		<0.002	1.30	7.74	12.0	1	2.9	216	0.64	<0.05	13.2	0.255	2.07	4.3	72	2.7
K271838		<0.002	0.14	19.55	8.2	1	2.0	400	0.80	<0.05	8.7	0.295	2.99	5.0	71	2.3
K271839		<0.002	2.98	166.0	10.3	1	3.9	139.0	0.62	0.40	12.6	0.225	3.27	4.4	62	7.8
K271841		<0.002	1.25	27.3	11.0	1	3.5	229	0.74	0.11	13.4	0.247	2.33	3.8	66	4.3
K271842		<0.002	0.88	8.80	11.0	1	3.5	179.0	0.69	0.15	12.3	0.264	2.66	4.5	71	4.2
K271843		<0.002	2.08	46.6	9.9	1	4.3	148.0	0.63	0.11	14.2	0.237	2.78	5.3	66	5.0



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 Account: ROCKHA

Project: Klaza

**CERTIFICATE OF ANALYSIS WH12016885**

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
K271722		12.6	1980	26.5				
K271723		10.5	9630	68.2	104			
K271724		7.7	>10000	34.4	310		2.53	3.75
K271726		12.0	523	195.0				
K271727		14.2	864	47.6				
K271728		14.4	65	33.8				
K271491		13.5	144	29.8				
K271342		0.9	29	0.5				
K271492		6.7	>10000	12.0	215		3.78	6.06
K271493		14.7	393	34.9				
K271495		14.1	69	37.4				
K271527		10.5	152	176.0				
K271528		10.9	4500	54.8				
G006275		8.2	>10000	22.2	153	1.235	1.460	9.08
K271529		14.2	407	154.5				
K271530		13.1	208	172.0				
K271531		6.7	>10000	56.4	157		2.38	8.37
K271532		13.3	1360	215				
K271533		10.3	>10000	40.7				1.345
K271535		14.8	482	42.4				
K271555		14.2	4500	32.8				
K271557		12.5	200	166.0				
K271558		9.7	>10000	51.3				1.305
K271559		11.8	2200	110.5				
K271560		11.3	468	157.0				
K271811		12.8	447	31.7				
G006276		11.5	7280	17.4	103			
K271812		13.0	1720	28.7				
K271814		12.9	1480	34.2				
K271815		15.6	68	33.9				
K271816		15.7	1460	36.5				
K271838		14.0	85	144.0				
K271839		13.0	6100	40.9	115		2.00	
K271841		15.2	924	40.2				
K271842		14.2	329	36.7				
K271843		14.3	4170	48.9				



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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.