



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: 5-AUG-2012  
This copy reported on  
9-AUG-2012  
Account: ROCKHA

**CERTIFICATE WH12177506**

Project: Klaza TR-12-2

P.O. No.: Batch 3

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 31-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS

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 \*\*\*\*\*

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12155848\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 5-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12177506**

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
M895106		1.22	8.39	26.5	2790	1.72	1.20	0.56	1.56	61.5	7.1	9	17.75	48.1	3.52
M895107		3.94	7.89	81.0	2080	1.85	6.50	0.30	1.69	71.4	9.8	8	28.0	206	4.20
M895108		0.63	8.96	12.2	2270	1.50	0.96	0.42	0.94	63.3	5.9	11	13.35	30.8	3.10
M895109		0.53	8.87	18.4	3280	1.50	1.09	0.27	1.41	72.1	9.9	7	15.80	52.9	3.74
M895110		0.44	9.20	11.4	2410	1.43	0.90	0.30	0.67	63.5	7.9	8	13.30	44.3	3.07
M895111		0.59	8.85	15.4	2290	1.45	1.49	0.36	1.49	67.9	7.6	10	14.20	81.4	3.50
M895112		0.62	7.96	17.4	2240	1.72	1.31	1.08	1.01	57.4	9.3	11	11.95	67.4	3.46
M895113		0.68	9.08	18.9	2610	1.24	1.24	0.38	0.91	66.4	12.4	9	12.30	66.0	3.22
M895114		0.42	8.84	13.0	2760	1.33	0.67	0.27	1.24	68.4	9.6	10	13.05	39.9	3.97
M895115		0.51	9.18	9.8	2430	1.40	0.74	0.38	0.57	56.0	5.6	9	13.25	34.2	2.90
M895116		0.22	8.22	10.2	2540	1.49	0.91	1.17	0.44	59.0	8.4	12	6.67	26.4	3.31
M895117		0.55	8.55	15.7	3100	1.70	3.42	0.61	0.35	66.2	14.0	9	9.71	49.4	3.63
M895118		0.35	8.52	10.3	2620	1.74	1.06	1.38	0.29	59.3	9.4	13	8.52	20.6	3.41
M895119		29.5	6.30	3690	790	1.29	20.3	2.33	85.6	47.1	11.1	17	15.30	462	6.98
M895120		0.83	8.54	19.5	2150	1.67	2.77	0.50	0.54	56.6	7.7	10	14.35	63.6	3.54
M895121		1.14	8.19	83.2	2640	2.07	1.67	0.27	5.39	68.0	10.8	9	29.7	52.2	4.25
M895122		2.17	8.75	139.5	1680	1.56	5.26	0.12	0.67	47.7	5.4	10	15.65	33.0	5.33
M895123		4.62	9.35	317	1370	1.62	11.75	0.11	0.93	77.8	4.4	9	14.90	54.1	8.15
M895124		3.63	7.73	181.5	1040	1.34	8.03	0.12	0.85	52.7	5.4	10	13.30	35.5	7.70
M895125		0.70	8.57	19.1	1940	1.39	3.59	0.19	0.68	51.8	20.6	8	11.75	58.6	4.28
M895126		0.07	0.08	<5	20	0.09	0.05	21.9	0.07	1.31	0.7	<1	0.19	1.9	0.48
M895127		0.49	9.17	20.2	3090	1.56	3.98	0.26	0.33	70.9	18.4	9	9.96	18.5	5.01
M895128		0.52	8.24	22.9	1810	1.43	1.84	0.28	0.28	62.4	7.9	8	20.6	33.2	3.44
M895129		0.69	8.58	41.4	4050	1.66	3.52	0.25	0.38	64.0	10.8	7	15.20	31.8	4.65
M895130		1.49	8.22	110.5	2860	1.96	2.57	0.20	0.66	61.3	13.2	10	22.3	26.4	4.20
M895131		0.51	6.78	18.6	2040	1.47	1.93	0.26	0.37	41.1	7.3	9	9.49	38.1	3.43
M895132		0.32	8.41	13.1	2900	1.61	1.78	0.34	0.32	58.0	5.1	11	10.90	16.5	3.57
M895133		0.43	8.71	14.7	2780	1.33	2.83	0.29	0.28	62.6	9.2	8	11.25	40.1	3.66
M895134		0.34	8.76	17.1	2230	1.48	2.17	0.28	1.04	59.7	8.1	11	12.30	34.9	3.78
M895135		4.82	8.05	639	1170	1.63	2.70	0.23	3.13	60.8	6.4	10	18.55	329	4.08
M895136		2.44	9.06	333	3060	1.64	4.71	0.28	2.81	66.0	9.2	12	16.20	40.3	4.44
M895137		0.65	8.09	88.5	2380	1.59	2.29	0.92	1.02	52.2	9.8	16	8.16	24.4	3.55
M895138		0.58	8.38	99.4	2170	1.72	1.22	0.61	1.52	56.1	7.3	13	11.15	17.4	3.66
M895139		0.38	8.25	19.3	2460	1.48	0.92	0.78	1.04	55.7	5.6	11	15.15	19.8	3.65
M895140		0.29	7.71	10.3	2090	1.35	0.75	0.57	0.25	51.5	7.2	11	12.40	18.4	3.37
M895141		0.35	7.54	11.0	2420	1.49	1.04	0.60	0.26	39.7	7.5	11	11.20	19.6	3.61

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12155848\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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Plus Appendix Pages  
Finalized Date: 5-AUG-2012  
Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12177506**

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
M895106		0.19	1.3	0.174	2.99	31.2	23.3	0.58	943	1.07	1.06	9.2	4.1	700	56.1	142.0
M895107		0.23	1.4	0.398	3.08	41.3	21.0	0.25	1040	2.79	0.39	8.4	3.9	730	116.0	163.0
M895108		0.15	1.3	0.097	3.04	28.3	25.5	0.31	489	1.07	0.77	9.0	3.5	720	41.1	132.5
M895109		0.18	1.3	0.108	2.92	36.9	31.4	0.15	885	2.20	0.29	9.2	4.0	770	27.4	147.0
M895110		0.17	1.4	0.101	3.02	31.6	24.1	0.17	836	1.12	0.46	9.5	3.7	740	25.6	134.5
M895111		0.15	1.5	0.157	2.87	34.5	28.0	0.19	967	1.24	0.37	9.4	4.1	750	40.6	123.5
M895112		0.19	1.2	0.150	2.74	30.0	16.3	0.51	688	1.19	1.89	9.0	4.9	670	41.4	120.5
M895113		0.20	1.3	0.109	3.29	31.5	19.8	0.29	488	1.14	0.73	9.1	4.1	720	27.6	148.5
M895114		0.21	1.3	0.073	2.92	39.6	34.7	0.15	882	1.69	0.13	8.8	6.2	690	22.9	137.0
M895115		0.19	1.3	0.082	3.03	24.8	24.9	0.28	397	0.94	0.71	8.9	3.8	720	23.0	125.5
M895116		0.14	1.3	0.095	2.83	29.9	15.6	0.72	543	7.70	1.94	9.0	4.4	670	22.1	123.0
M895117		0.16	1.3	0.150	3.06	33.1	18.9	0.90	612	1.05	1.62	8.6	4.3	690	26.4	144.5
M895118		0.17	1.3	0.111	2.92	31.7	15.1	0.77	639	1.65	2.02	8.7	4.9	680	24.4	135.5
M895119		0.18	1.0	1.790	2.79	25.5	24.5	0.96	2030	13.70	0.04	6.0	15.7	470	3030	178.0
M895120		0.19	1.4	0.211	2.68	33.1	24.1	0.53	658	1.31	1.51	8.7	3.8	630	23.2	141.0
M895121		0.20	1.5	0.330	3.60	42.6	11.0	0.34	5930	3.90	0.05	8.8	4.8	650	85.7	240
M895122		0.21	1.2	0.626	3.97	30.5	8.4	0.30	696	3.32	0.05	8.3	2.2	490	44.4	254
M895123		0.29	1.4	0.747	4.35	55.7	15.7	0.33	801	2.53	0.08	8.1	3.5	680	188.5	276
M895124		0.24	1.2	0.452	3.40	34.8	19.3	0.26	1030	2.08	0.08	6.6	3.4	680	143.0	220
M895125		0.16	1.2	0.310	2.78	26.1	22.2	0.24	1460	0.93	0.57	6.7	3.3	580	24.7	127.0
M895126		0.07	<0.1	0.005	0.03	0.7	1.0	13.40	223	0.16	0.01	0.2	1.8	200	1.4	1.6
M895127		0.19	1.2	0.272	2.93	38.3	22.0	0.21	812	1.07	0.70	6.8	3.7	760	18.7	132.5
M895128		0.15	1.1	0.248	2.47	34.4	29.5	0.18	748	1.12	0.09	7.1	3.6	690	18.3	121.0
M895129		0.21	1.1	0.289	2.60	37.5	27.6	0.19	977	1.20	0.13	7.1	3.5	750	25.4	129.0
M895130		0.18	1.1	0.496	3.40	38.1	14.7	0.25	2320	1.67	0.06	6.9	4.1	620	64.0	196.0
M895131		0.18	1.1	0.196	2.83	16.4	19.1	0.25	594	1.13	0.92	8.5	3.8	700	21.4	111.0
M895132		0.15	1.2	0.348	2.55	29.5	19.3	0.43	725	1.20	1.37	8.5	3.6	830	17.7	133.5
M895133		0.18	1.2	0.249	2.69	31.5	19.3	0.34	559	0.99	1.02	8.3	3.1	690	17.9	133.0
M895134		0.17	1.2	0.235	2.94	31.5	28.9	0.18	906	1.46	0.20	9.1	4.3	760	18.2	146.5
M895135		0.21	0.9	0.395	3.32	45.9	26.0	0.31	672	1.21	0.05	6.6	3.2	650	146.5	251
M895136		0.20	1.2	0.187	3.38	37.8	24.9	0.21	965	1.33	0.16	9.1	4.1	750	48.2	181.5
M895137		0.10	1.0	0.141	2.60	29.0	16.7	0.58	699	0.85	1.49	7.8	6.1	690	42.7	122.5
M895138		0.11	1.0	0.141	2.62	28.0	15.0	0.42	769	0.84	1.27	7.9	4.4	670	29.0	127.0
M895139		0.11	0.9	0.153	2.64	27.2	17.3	0.84	670	0.64	1.17	7.6	4.3	680	23.2	120.5
M895140		0.14	0.9	0.107	2.50	26.7	15.7	0.90	597	0.88	1.25	7.3	3.0	630	28.0	112.0
M895141		0.12	1.0	0.114	2.55	21.7	18.2	0.69	664	1.01	1.18	7.3	3.6	640	20.9	94.8

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12155848\*\*

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**CERTIFICATE OF ANALYSIS WH12177506**

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
M895106		0.002	0.05	10.50	12.4	1	2.1	163.5	0.72	0.07	16.5	0.268	1.65	3.0	75	4.2
M895107		<0.002	0.16	31.5	11.1	1	3.2	63.7	0.63	0.39	14.6	0.249	2.34	5.0	69	2.6
M895108		0.003	0.01	6.11	12.9	1	1.9	114.5	0.76	<0.05	17.0	0.289	1.45	2.5	81	2.6
M895109		<0.002	0.07	24.3	13.0	1	2.0	79.4	0.75	0.06	16.8	0.293	1.49	3.8	83	3.1
M895110		0.002	0.01	7.97	12.9	1	2.0	85.4	0.79	0.05	17.8	0.296	1.48	3.1	77	3.8
M895111		<0.002	0.03	16.50	13.1	1	1.9	91.1	0.81	0.11	17.8	0.303	1.48	3.4	81	6.1
M895112		<0.002	0.06	5.47	11.8	1	1.9	271	0.70	0.08	14.3	0.275	1.42	3.0	76	1.5
M895113		<0.002	0.03	7.61	13.0	1	2.2	114.0	0.72	0.14	17.5	0.301	1.56	3.3	82	2.6
M895114		0.002	0.08	21.2	13.1	1	2.0	69.8	0.73	<0.05	17.4	0.282	1.46	4.2	80	3.2
M895115		<0.002	0.02	4.18	11.3	1	2.0	110.5	0.72	0.08	16.8	0.289	1.36	2.6	77	2.6
M895116		<0.002	0.11	3.52	11.9	1	2.0	298	0.72	0.06	15.7	0.272	1.32	2.9	75	2.0
M895117		<0.002	0.09	2.45	12.9	1	2.0	201	0.73	0.16	16.9	0.271	1.67	3.2	79	2.3
M895118		<0.002	0.05	2.82	12.1	1	1.8	308	0.81	0.09	15.9	0.269	1.49	3.3	78	2.2
M895119		0.002	5.14	93.9	8.4	2	8.3	90.9	0.46	0.40	10.5	0.190	2.51	5.2	60	5.4
M895120		0.002	0.10	5.32	12.5	2	2.5	134.0	0.81	0.49	18.1	0.252	1.66	3.8	71	2.8
M895121		0.002	0.15	9.82	12.2	2	2.7	33.9	0.89	0.30	17.5	0.244	3.61	4.6	69	5.4
M895122		<0.002	0.29	9.86	13.1	2	4.1	18.5	0.69	0.78	14.6	0.259	4.26	4.4	71	5.5
M895123		<0.002	0.09	19.00	13.4	2	10.4	19.7	0.75	1.76	15.8	0.243	3.99	5.4	71	8.7
M895124		<0.002	0.10	19.60	10.7	1	8.2	21.4	0.60	1.51	13.6	0.220	2.89	4.8	62	7.7
M895125		<0.002	0.03	7.82	12.5	1	2.0	74.8	0.58	0.44	18.6	0.234	1.83	4.1	74	4.8
M895126		<0.002	0.01	0.10	0.2	<1	0.2	40.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.6	3	0.1
M895127		<0.002	0.02	11.10	12.6	1	2.2	128.5	0.57	1.59	18.1	0.222	1.98	4.2	79	2.7
M895128		0.002	0.04	15.60	12.6	1	2.1	53.7	0.59	0.25	16.5	0.231	1.48	3.5	72	3.7
M895129		<0.002	0.11	17.30	11.9	1	2.1	56.1	0.59	0.87	17.0	0.237	1.84	3.9	74	3.1
M895130		<0.002	0.08	14.30	12.3	1	2.6	39.9	0.57	0.81	15.3	0.222	3.54	3.4	70	3.2
M895131		<0.002	0.02	9.00	10.7	1	2.1	86.5	0.62	0.27	10.8	0.264	1.63	3.3	79	2.0
M895132		<0.002	0.10	6.91	12.1	1	2.2	125.5	0.65	0.21	14.9	0.272	1.88	3.4	82	2.5
M895133		0.002	0.07	6.63	12.5	1	2.1	104.5	0.67	0.33	16.9	0.274	1.73	3.4	77	2.7
M895134		<0.002	0.05	20.5	12.9	2	2.1	66.8	0.70	0.33	15.8	0.283	2.05	3.8	82	3.3
M895135		<0.002	0.13	84.5	12.1	1	2.6	18.4	0.55	0.56	14.5	0.228	3.10	3.6	74	3.1
M895136		<0.002	0.05	12.35	13.3	2	2.4	70.3	0.67	0.29	16.3	0.296	2.24	3.9	84	2.9
M895137		0.002	0.11	7.60	11.2	<1	2.0	248	0.65	0.40	13.1	0.280	1.40	3.0	78	2.2
M895138		0.002	0.04	4.96	12.3	1	2.1	192.0	0.64	0.20	14.4	0.262	1.42	2.8	76	2.5
M895139		<0.002	0.05	3.29	12.2	<1	2.0	206	0.63	0.17	14.4	0.262	1.39	2.4	77	3.4
M895140		<0.002	0.04	2.46	11.1	1	1.8	166.0	0.59	0.07	12.8	0.254	1.30	2.4	75	2.7
M895141		<0.002	0.04	3.58	11.4	1	2.0	169.5	0.63	0.15	11.5	0.258	1.28	2.4	77	4.0

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12155848\*\*

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
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 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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 Total # Pages: 2 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 5-AUG-2012  
 Account: ROCKHA

Project: Klaza TR-12-2

**CERTIFICATE OF ANALYSIS WH12177506**

Sample Description	Method Analyte Units LOR	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
M895106		19.4	115	30.8
M895107		26.4	199	38.6
M895108		16.1	132	30.4
M895109		23.1	98	31.2
M895110		18.5	68	33.0
M895111		18.8	140	31.7
M895112		15.9	138	32.8
M895113		18.9	76	31.5
M895114		23.3	90	30.2
M895115		14.5	51	31.9
M895116		15.3	51	31.0
M895117		16.9	58	30.4
M895118		16.0	50	30.6
M895119		10.6	5750	26.7
M895120		24.5	72	31.0
M895121		36.1	317	31.5
M895122		17.3	121	30.4
M895123		24.0	177	34.1
M895124		16.4	146	27.9
M895125		16.0	88	27.7
M895126		0.8	15	<0.5
M895127		23.5	78	29.0
M895128		19.7	83	26.6
M895129		23.3	89	26.9
M895130		20.1	93	27.8
M895131		13.5	69	29.2
M895132		16.5	71	30.7
M895133		18.4	61	28.9
M895134		19.3	172	29.7
M895135		22.3	389	21.8
M895136		22.7	314	29.1
M895137		15.7	167	25.5
M895138		18.8	163	23.9
M895139		15.4	99	22.2
M895140		16.7	60	21.1
M895141		17.0	53	24.7

Comments: \*\*RE-ASSAY RESULTS FOR SAMPLES ORIGINALLY REPORTED ON CERTIFICATE WH12155848\*\*

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Page: Appendix 1  
Total # Appendix Pages: 1  
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**CERTIFICATE OF ANALYSIS WH12177506**

Method	CERTIFICATE COMMENTS
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.