



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**

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Finalized Date: 17-SEP-2012  
Account: ROCKHA

**CERTIFICATE WH12205105**

Project: Klaza TR-12-23 Batch 1

P.O. No.: Batch 1

This report is for 28 Rock samples submitted to our lab in Whitehorse, YT, Canada on 1-SEP-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-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
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
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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Project: Klaza TR-12-23 Batch 1

**CERTIFICATE OF ANALYSIS WH12205105**

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
N815528		3.30	0.025	1.69	5.95	830	460	0.93	2.25	0.37	1.43	46.9	5.8	8	22.6	219
N815529		5.70	0.655	29.6	3.20	677	720	0.69	42.7	0.08	6.87	18.25	10.1	8	7.82	112.0
N815530		3.91	0.721	37.2	2.57	397	620	0.47	33.6	0.08	1.55	18.55	9.0	12	4.88	34.5
N815531		3.00	0.364	16.60	5.76	895	1030	0.88	31.0	0.24	1.39	45.4	1.7	8	9.65	120.5
N815532		4.23	0.221	11.60	5.44	829	420	0.64	24.9	0.27	3.22	41.7	4.5	8	11.55	234
N815533		4.78	1.510	50.3	3.63	452	860	0.52	32.2	0.19	0.70	30.8	1.9	8	8.42	44.9
N815534		4.78	0.120	7.08	7.72	1140	1120	1.27	3.20	0.22	3.22	55.7	3.1	10	15.30	285
N815535		6.12	0.066	5.19	7.82	347	1620	1.62	2.71	0.24	19.40	54.8	13.9	9	17.75	109.0
N815536		4.84	0.041	4.88	8.03	179.5	1500	1.68	0.89	0.25	24.8	49.8	10.7	9	23.4	42.5
N815537		4.35	0.101	10.40	7.25	304	1920	1.96	1.25	0.40	18.90	51.4	9.0	8	28.0	56.0
N815538		4.10	0.038	3.76	7.07	156.0	2780	2.16	0.58	0.75	9.70	61.8	7.0	14	27.7	23.8
N815539		4.12	0.007	0.58	8.02	53.9	670	2.33	0.30	0.50	1.71	74.0	8.0	14	39.5	5.5
N815540		0.25	1.405	36.8	7.48	506	1220	1.76	1.29	0.29	30.7	69.1	5.8	17	3.22	132.0
N815541		3.58	0.050	4.29	7.55	123.5	740	1.99	1.74	0.99	14.65	64.4	9.5	13	30.7	217
N815542		3.52	0.215	21.3	6.70	317	1360	1.85	3.43	0.36	29.7	51.8	13.2	14	27.9	363
N815543		3.24	0.058	4.12	7.33	602	1170	1.83	1.50	0.13	17.85	54.1	5.0	10	22.3	1285
N815544		6.01	0.715	30.1	5.27	572	620	0.81	3.02	0.05	2.49	43.5	0.5	8	6.49	36.8
N815545		6.24	0.533	16.95	6.01	448	530	0.82	2.74	0.09	1.92	51.0	0.5	7	8.33	30.5
N815546		6.67	0.595	25.1	6.40	3590	1260	0.96	2.31	0.12	3.68	42.5	0.4	7	10.60	58.5
N815547		3.86	0.693	59.1	6.16	3070	1680	1.00	20.9	0.12	14.70	43.1	1.0	8	11.00	240
N815548		4.38	2.60	95.4	6.02	7120	840	0.77	5.81	0.17	2.32	46.6	0.3	11	11.95	185.0
N815549		4.67	1.785	49.0	4.29	651	860	0.71	98.9	0.11	3.21	36.3	0.7	8	8.24	61.4
N815550		4.55	5.46	82.6	4.83	385	1150	0.78	124.5	0.10	2.65	34.4	0.5	9	9.17	41.9
N815551		2.29	0.010	0.54	0.06	10	40	0.07	0.59	20.1	0.07	1.01	0.5	<1	0.14	1.9
N815552		4.26	0.083	7.97	7.01	565	1800	1.28	4.06	0.46	6.13	40.9	4.6	8	13.55	325
N815553		3.26	0.107	10.00	7.04	1150	990	0.96	6.32	0.15	24.9	39.4	4.1	10	17.35	714
N815554		3.38	0.304	12.15	3.46	703	6700	0.61	14.75	0.06	18.75	23.5	2.7	10	8.30	366
N815555		3.50	0.175	6.01	6.97	261	940	0.85	3.26	0.08	6.39	55.3	0.7	10	13.40	74.7



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Project: Klaza TR-12-23 Batch 1

**CERTIFICATE OF ANALYSIS WH12205105**

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
N815528		10.20	18.00	0.15	1.0	1.380	3.27	28.1	16.9	0.23	240	1.00	0.36	6.7	1.9	590
N815529		5.58	8.75	0.14	0.5	0.530	1.47	14.1	14.6	0.11	116	11.30	0.05	3.5	1.2	240
N815530		3.31	6.71	0.12	0.5	0.294	1.23	11.6	14.4	0.09	131	5.44	0.05	3.3	1.5	140
N815531		5.85	15.70	0.16	0.8	1.305	2.99	27.9	9.2	0.22	232	2.10	0.11	7.1	1.2	330
N815532		9.06	15.15	0.16	0.8	1.300	2.81	22.4	9.7	0.20	147	5.08	0.05	6.6	1.4	380
N815533		5.55	9.84	0.16	0.9	0.419	1.86	17.5	15.6	0.13	149	1.60	0.08	4.8	1.1	190
N815534		6.40	17.25	0.14	1.0	0.889	3.46	33.5	14.2	0.23	317	0.89	0.04	6.9	1.9	660
N815535		5.26	17.55	0.20	1.1	0.301	3.56	33.0	22.7	0.22	5470	1.23	0.08	7.3	4.0	610
N815536		4.83	18.30	0.19	1.1	0.209	3.44	27.6	12.7	0.24	7190	1.08	0.03	8.3	3.7	640
N815537		3.11	16.70	0.18	1.2	0.109	2.82	27.4	24.8	0.22	3200	1.96	0.03	8.0	3.7	620
N815538		2.56	19.40	0.16	2.9	0.082	1.99	32.7	80.6	0.15	1200	2.32	0.03	11.7	4.8	950
N815539		2.60	21.7	0.19	2.7	0.029	2.89	40.5	46.5	0.14	963	1.17	0.05	13.1	4.4	920
N815540		5.55	23.4	0.20	2.3	0.207	3.53	35.0	23.7	0.28	1040	5.83	0.07	12.0	7.0	1700
N815541		2.99	20.1	0.18	2.5	0.114	2.61	34.4	42.2	0.16	1560	21.2	0.06	11.7	4.1	880
N815542		5.34	17.45	0.18	2.4	0.174	2.40	29.9	29.4	0.23	1320	3.38	0.03	8.6	6.2	790
N815543		6.71	16.95	0.22	1.4	0.722	2.87	31.4	28.0	0.20	305	3.56	0.03	7.5	2.4	740
N815544		2.47	14.70	0.16	0.9	0.818	2.68	26.6	18.2	0.16	103	4.93	0.02	6.2	1.2	290
N815545		1.88	16.20	0.19	1.0	0.792	2.80	30.5	14.2	0.18	134	5.20	0.02	7.5	0.8	280
N815546		2.56	16.70	0.15	1.0	1.515	2.94	24.0	12.6	0.20	161	5.16	0.03	7.5	0.7	430
N815547		3.38	17.45	0.14	2.0	1.455	1.66	26.8	38.1	0.13	122	6.75	0.03	10.6	1.1	390
N815548		4.50	18.15	0.16	0.9	2.98	3.00	28.7	10.8	0.22	143	2.00	0.02	6.5	0.7	540
N815549		5.08	11.55	0.16	1.0	0.929	2.52	21.3	14.4	0.13	128	1.58	0.06	6.4	1.1	190
N815550		3.55	11.00	0.14	1.2	0.930	2.51	20.5	13.3	0.15	97	1.23	0.04	5.9	0.8	170
N815551		0.46	0.18	0.15	<0.1	0.012	0.02	0.5	1.0	11.95	187	0.08	<0.01	0.1	1.4	190
N815552		5.51	17.05	0.17	1.2	1.185	3.05	23.4	20.8	0.32	214	0.94	0.48	7.2	2.7	570
N815553		7.26	18.10	0.16	1.0	1.090	2.70	25.5	21.4	0.13	131	4.38	0.03	8.0	2.8	690
N815554		5.00	7.98	0.11	0.6	0.534	1.41	17.4	23.6	0.09	201	3.37	<0.01	4.1	1.8	250
N815555		2.00	17.00	0.12	1.3	0.275	3.02	31.9	12.9	0.21	194	0.87	0.02	9.7	1.1	150



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Project: Klaza TR-12-23 Batch 1

**CERTIFICATE OF ANALYSIS WH12205105**

Sample Description	Method Analyte Units LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	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 Tl ppm 0.02	ME-MS61 U ppm 0.1
N815528		107.0	180.0	<0.002	2.21	10.30	8.8	<1	2.3	171.0	0.52	0.41	17.9	0.209	2.40	4.6
N815529		651	89.5	<0.002	0.60	18.00	5.1	2	5.4	30.4	0.28	14.45	4.8	0.117	0.96	3.6
N815530		1290	78.6	0.006	1.15	30.7	3.7	2	4.1	30.7	0.25	4.05	3.6	0.108	0.95	1.4
N815531		1900	187.5	0.003	1.39	30.8	8.2	1	6.4	89.4	0.49	2.23	8.6	0.237	2.56	2.6
N815532		1300	173.0	<0.002	2.36	22.2	7.7	1	3.4	70.1	0.48	4.96	10.0	0.215	2.57	3.4
N815533		1690	114.5	0.003	1.57	41.0	4.7	1	5.4	61.8	0.37	1.47	4.8	0.169	1.73	1.6
N815534		824	205	0.003	0.85	21.7	10.7	<1	4.7	99.8	0.59	0.20	17.5	0.233	3.30	10.9
N815535		475	217	<0.002	0.38	15.80	11.3	1	3.4	61.8	0.57	0.11	16.3	0.239	3.37	6.1
N815536		782	217	0.002	0.10	15.70	13.3	1	3.6	69.3	0.65	<0.05	15.3	0.280	3.70	4.2
N815537		939	172.5	<0.002	0.20	27.8	11.0	1	2.1	102.0	0.55	<0.05	13.3	0.249	3.38	3.1
N815538		370	103.5	0.002	0.11	14.95	6.5	1	1.8	351	0.75	<0.05	10.6	0.291	2.33	3.9
N815539		45.8	135.5	<0.002	0.01	8.65	7.4	1	1.7	107.0	0.81	<0.05	12.3	0.277	2.83	4.2
N815540		3930	173.0	0.003	0.60	65.1	15.0	4	20.7	366	0.73	0.34	7.1	0.438	1.96	3.4
N815541		366	121.0	0.002	0.13	18.25	7.2	1	4.2	144.0	0.73	<0.05	11.2	0.269	2.64	4.9
N815542		460	156.0	0.002	0.19	31.2	7.7	1	4.0	339	0.53	0.13	10.0	0.249	3.03	5.3
N815543		493	182.0	<0.002	0.26	22.6	11.0	<1	3.3	226	0.55	0.29	15.5	0.237	3.03	11.2
N815544		1560	148.5	0.003	0.68	54.2	8.2	<1	13.7	72.8	0.48	0.34	12.1	0.199	2.37	1.0
N815545		1300	152.0	<0.002	0.43	33.2	9.7	<1	10.7	64.8	0.57	0.19	11.7	0.249	2.97	1.6
N815546		3460	168.0	0.004	0.59	66.9	10.8	1	6.7	67.3	0.56	0.47	12.3	0.248	3.54	1.4
N815547		4850	112.0	0.003	0.55	146.5	5.3	1	5.4	140.0	0.70	0.96	11.2	0.269	1.96	3.6
N815548		8660	221	0.002	1.23	187.5	11.5	1	15.3	89.6	0.49	0.80	10.8	0.228	3.24	1.4
N815549		677	156.0	<0.002	1.62	61.8	5.6	2	18.9	79.0	0.52	0.88	5.8	0.194	2.13	1.2
N815550		450	149.5	<0.002	1.12	73.1	5.2	1	20.2	68.7	0.50	0.58	5.3	0.187	2.36	1.6
N815551		7.8	1.4	0.002	0.01	0.59	0.1	<1	0.4	47.4	<0.05	<0.05	<0.2	<0.005	0.02	0.3
N815552		94.5	143.0	0.002	0.82	13.40	11.0	<1	2.7	158.0	0.59	0.16	20.8	0.228	1.89	4.3
N815553		372	147.5	<0.002	0.16	60.0	7.3	1	3.9	95.9	0.66	0.91	14.6	0.218	2.13	9.4
N815554		530	80.2	<0.002	0.39	46.3	4.7	2	3.7	120.5	0.38	1.17	6.6	0.121	1.32	2.9
N815555		402	174.0	<0.002	0.14	22.6	10.4	1	10.2	27.5	0.86	0.19	9.7	0.265	3.02	2.0



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**CERTIFICATE OF ANALYSIS WH12205105**

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
N815528		65	2.2	7.1	488	26.7	1
N815529		39	3.6	6.8	336	12.9	27
N815530		27	2.9	3.3	199	13.2	35
N815531		59	4.5	4.9	281	22.2	15
N815532		61	3.1	4.6	397	18.7	10
N815533		40	4.0	3.2	124	16.2	47
N815534		79	3.8	6.1	738	23.6	6
N815535		71	3.4	17.4	1680	26.2	5
N815536		83	5.4	14.7	1600	26.4	5
N815537		70	8.7	14.3	1300	34.5	9
N815538		61	5.3	13.2	782	112.0	3
N815539		57	2.0	14.0	245	97.8	<1
N815540		143	3.9	18.5	2360	64.5	34
N815541		56	2.7	13.7	1240	96.3	4
N815542		59	4.1	13.7	2420	104.5	19
N815543		69	5.6	9.5	2080	41.1	3
N815544		52	6.0	3.6	107	21.6	28
N815545		61	6.2	3.6	187	24.8	16
N815546		63	6.1	3.3	193	24.6	23
N815547		45	7.8	6.5	364	69.3	61
N815548		63	6.9	3.9	152	23.6	102
N815549		38	5.1	4.3	130	26.8	49
N815550		41	3.7	3.3	80	22.9	90
N815551		2	0.1	0.7	13	<0.5	<1
N815552		66	1.7	8.9	824	30.2	7
N815553		70	4.0	15.9	1390	32.9	9
N815554		34	2.4	6.5	756	17.1	12
N815555		68	6.9	7.0	245	37.0	6



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Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	REE's may not be totally soluble in this method. Interference: Samples with Ca>10% on ICP-MS As. ICP-AES As results reported (5 ppm DL)