



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: 4-AUG-2012
Account: ROCKHA

CERTIFICATE WH12164240

Project: Klaza TR-12-36

P.O. No.: Batch 1

This report is for 36 Rock samples submitted to our lab in Whitehorse, YT, Canada on 16-JUL-2012.

The following have access to data associated with this certificate:

JOAN MARIACHER

HEATHER SMITH

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
Au-AA24	Au 50g FA AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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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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CERTIFICATE OF ANALYSIS WH12164240

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
M899901		5.43	0.005	0.24	8.63	16.4	1270	1.54	2.58	0.81	0.16	47.3	10.7	15	19.65	75.0
M899902		4.61	0.005	0.18	8.32	16.8	1460	1.63	1.06	0.67	0.16	48.9	12.0	14	16.75	48.0
M899903		5.34	<0.005	0.13	8.50	12.1	1170	1.49	0.38	0.45	0.10	47.4	11.3	14	13.20	28.1
M899904		3.29	0.011	0.71	8.08	78.1	1890	1.62	0.49	0.30	0.43	55.9	11.1	14	20.2	116.0
M899905		3.26	0.010	0.64	8.15	216	1040	1.46	0.42	0.42	0.70	49.3	12.0	13	18.95	49.0
M899906		4.76	0.006	0.21	8.39	101.0	1250	1.59	0.16	0.46	0.21	47.8	10.8	14	17.75	11.9
M899907		3.36	<0.005	0.16	9.16	27.0	1210	1.50	0.17	0.46	0.12	46.7	10.0	18	15.40	13.0
M899908		4.50	0.006	0.19	8.74	40.7	1340	1.53	1.14	0.54	0.16	47.6	11.1	16	22.6	24.4
M899909		3.48	0.008	0.33	8.13	49.2	1370	1.63	1.18	0.36	0.29	46.7	12.6	17	27.1	21.9
M899910		3.91	0.012	0.60	8.21	107.5	1250	1.64	0.93	0.66	0.24	48.5	13.4	14	18.20	46.5
M899911		5.30	0.005	0.39	8.47	33.8	1200	1.52	2.42	0.68	0.24	55.8	12.3	17	15.65	62.8
M899912		0.28	2.32	25.3	6.23	3150	1590	1.37	21.1	2.31	82.4	43.8	12.2	20	15.15	452
M899913		3.25	<0.005	0.15	9.28	14.2	1300	1.48	0.17	0.36	0.15	52.8	10.1	17	16.30	14.3
M899914		3.43	0.007	0.62	8.20	150.5	1040	1.91	0.76	0.35	0.20	50.4	13.3	15	21.8	14.7
M899915		3.71	<0.005	0.19	9.16	18.7	1320	1.64	0.32	0.41	0.10	52.5	11.1	16	16.00	21.9
M899916		3.73	0.005	0.17	8.68	15.9	1260	1.59	0.78	0.59	0.16	49.0	12.2	15	17.05	12.6
M899917		4.72	0.006	0.25	8.25	20.6	1250	1.40	0.72	0.80	0.29	52.5	11.6	21	12.15	25.6
M899918		3.44	0.027	0.95	8.39	135.0	1190	1.78	0.51	0.60	0.33	60.8	12.6	25	27.8	79.2
M899919		3.07	0.516	8.49	8.37	2210	1510	2.23	1.07	0.78	2.78	72.7	27.6	167	32.6	181.5
M899920		3.32	0.074	2.26	8.54	340	1240	1.72	0.78	0.58	0.59	52.0	14.4	20	26.3	81.2
M899921		3.11	0.033	0.95	9.11	240	2090	1.78	0.81	1.03	0.44	50.0	13.5	20	27.4	75.9
M899922		3.57	0.006	0.38	8.51	54.9	1020	1.66	0.87	1.16	0.21	52.3	11.2	14	19.45	139.5
M899923		3.64	0.005	0.63	7.92	43.9	980	1.57	1.25	1.86	0.15	39.1	9.6	15	18.80	121.0
M899924		3.49	0.032	0.87	8.43	159.0	1100	1.49	18.35	0.73	0.19	53.5	11.2	15	16.25	210
M899925		3.16	0.108	1.66	8.25	554	1350	1.38	0.68	0.47	0.27	49.9	10.6	16	24.2	101.0
M899926		3.89	0.009	0.24	8.85	104.5	1490	1.41	0.34	0.63	0.36	47.4	11.2	16	14.65	74.0
M899927		4.31	0.042	0.52	8.80	438	2490	1.49	0.30	0.38	0.39	52.3	12.9	15	20.1	121.5
M899928		2.93	0.006	0.21	8.71	33.1	1350	1.14	0.23	0.37	0.17	42.1	11.3	23	10.65	103.0
M899929		2.52	0.006	0.29	8.51	144.0	2030	1.45	0.24	0.41	0.19	50.3	12.7	25	15.50	85.6
M899930		3.33	<0.005	0.17	7.95	93.5	1330	1.43	0.14	0.50	0.21	45.1	11.7	20	20.1	28.2
M899931		3.36	0.073	1.38	7.84	623	1320	1.67	0.34	0.36	2.38	50.4	10.5	24	25.8	122.0
M899932		7.08	0.062	1.48	7.86	715	1280	1.29	0.41	0.27	3.11	47.7	10.4	21	17.40	24.3
M899933		3.16	<0.005	0.01	0.13	9	40	0.06	0.07	21.9	0.06	1.20	1.2	8	0.67	2.2
M899934		4.67	<0.005	0.13	8.18	20.3	790	1.50	0.26	1.50	0.13	45.9	9.9	21	31.1	21.7
M899935		4.62	0.009	0.44	8.29	89.5	1060	1.61	0.57	0.60	1.04	46.5	10.7	15	27.3	15.2
M899936		3.41	0.005	0.32	8.52	33.0	810	1.81	1.36	0.38	0.30	36.2	11.2	18	21.8	94.9



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CERTIFICATE OF ANALYSIS WH12164240

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
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
M899901		3.56	18.80	0.10	0.7	0.037	2.54	25.2	42.9	0.24	892	2.04	1.38	8.4	5.5	600
M899902		3.65	18.60	0.12	0.7	0.038	2.45	27.7	21.2	0.25	845	2.69	1.04	8.5	6.1	590
M899903		3.62	18.05	0.11	0.7	0.033	2.07	21.6	19.6	0.39	847	1.48	1.12	8.9	5.8	620
M899904		3.48	19.30	0.13	0.8	0.056	2.93	33.6	14.5	0.24	2110	3.02	0.28	9.6	6.1	580
M899905		3.47	17.85	0.12	0.8	0.040	2.55	29.8	18.3	0.25	1650	2.51	0.49	9.3	6.5	580
M899906		3.30	18.70	0.11	0.9	0.036	2.43	25.7	16.9	0.25	852	1.38	1.42	10.4	6.1	590
M899907		3.63	19.75	0.10	0.9	0.043	2.17	21.1	20.8	0.26	717	1.28	1.29	11.0	6.3	700
M899908		3.54	19.10	0.11	0.8	0.041	2.69	26.0	15.6	0.37	1160	1.60	1.16	9.2	6.3	650
M899909		3.80	19.20	0.13	0.7	0.043	3.08	28.0	19.0	0.30	1500	2.45	0.21	9.2	7.6	600
M899910		4.27	18.25	0.13	0.7	0.055	2.43	31.5	58.4	0.34	2150	2.80	0.84	8.2	6.7	600
M899911		3.82	18.90	0.12	0.8	0.044	2.28	29.3	37.6	0.44	1210	1.76	1.31	9.4	7.4	650
M899912		7.01	15.85	0.12	1.0	1.775	2.70	24.5	25.8	0.95	1920	13.90	0.04	6.7	16.3	460
M899913		3.34	20.8	0.11	0.8	0.042	2.22	27.3	30.0	0.27	738	1.34	0.94	10.3	5.4	680
M899914		3.72	18.65	0.12	0.7	0.041	2.53	31.8	156.0	0.25	1640	2.45	0.19	9.1	6.7	600
M899915		3.71	20.3	0.11	0.8	0.038	2.50	27.8	68.0	0.38	830	1.33	0.89	10.2	5.9	680
M899916		3.70	18.95	0.12	0.7	0.039	2.43	26.2	32.9	0.30	1210	1.56	1.14	9.6	6.1	620
M899917		3.65	18.05	0.11	0.8	0.040	2.29	26.4	29.0	0.67	1080	1.57	1.70	9.0	7.6	660
M899918		3.97	19.80	0.15	0.8	0.053	2.64	36.2	24.5	0.50	1380	1.65	1.11	8.5	8.0	630
M899919		7.02	19.80	0.22	1.0	0.204	2.77	62.7	34.0	0.49	4450	5.12	0.36	6.3	25.6	1150
M899920		4.31	19.80	0.13	0.7	0.062	3.07	32.1	20.7	0.43	1900	2.99	0.54	8.2	8.2	600
M899921		4.10	22.5	0.13	0.7	0.057	3.50	29.8	18.9	0.39	1620	2.28	0.32	7.8	7.8	570
M899922		3.41	18.25	0.12	1.0	0.048	3.06	30.7	20.0	0.32	1080	4.98	0.31	9.1	5.8	570
M899923		3.15	17.20	0.11	0.8	0.060	3.18	20.9	20.3	0.30	1310	4.98	0.17	8.5	5.0	570
M899924		3.66	18.00	0.13	0.9	0.076	2.64	28.9	22.8	0.57	1280	2.14	0.94	8.9	5.6	570
M899925		3.52	18.05	0.12	0.8	0.078	2.87	31.6	23.5	0.57	1660	2.25	0.71	8.3	5.6	550
M899926		3.67	18.20	0.11	0.8	0.040	2.36	23.1	29.2	0.60	1240	1.66	1.79	9.3	6.1	630
M899927		3.88	18.90	0.14	0.7	0.097	2.92	34.9	22.6	0.33	2300	3.73	1.02	8.8	6.7	620
M899928		3.66	17.80	0.10	0.8	0.046	2.33	18.2	36.7	0.65	753	1.08	1.13	9.9	6.0	650
M899929		3.74	17.60	0.12	0.8	0.045	2.96	28.8	23.3	0.39	2180	5.87	0.57	9.1	6.5	610
M899930		3.29	17.35	0.11	0.7	0.034	3.27	24.8	15.3	0.27	1400	2.36	0.13	8.6	5.0	580
M899931		3.34	17.70	0.11	0.7	0.058	3.22	28.9	17.2	0.27	3210	4.23	0.05	8.1	5.1	530
M899932		3.85	17.70	0.11	0.8	0.141	3.33	26.9	11.7	0.30	4540	16.15	0.04	8.4	5.0	510
M899933		0.50	0.41	0.10	<0.1	0.007	0.06	0.6	1.5	13.20	229	0.24	0.01	0.3	1.8	190
M899934		3.45	17.50	0.12	0.8	0.055	3.27	25.7	19.7	0.35	1720	2.25	0.05	8.2	4.8	530
M899935		3.74	17.40	0.13	0.7	0.070	3.16	24.1	25.1	0.31	2550	2.63	0.10	7.3	5.6	590
M899936		3.95	18.75	0.11	0.8	0.085	2.32	15.1	27.4	0.24	1210	17.90	0.36	8.7	6.1	670



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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
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.1
M899901		22.0	122.5	<0.002	0.02	14.55	13.1	1	1.9	191.0	0.66	<0.05	11.8	0.312	2.3
M899902		12.4	122.0	<0.002	0.03	9.51	13.5	1	2.0	142.5	0.65	<0.05	11.8	0.310	2.3
M899903		15.3	94.8	<0.002	0.01	8.99	14.0	1	1.6	171.0	0.73	<0.05	12.2	0.324	2.2
M899904		39.2	176.5	<0.002	0.06	33.8	14.9	1	1.7	120.0	0.83	<0.05	12.7	0.303	2.9
M899905		37.0	142.5	<0.002	0.01	25.2	13.1	1	1.5	107.0	0.76	<0.05	13.2	0.316	2.8
M899906		16.7	125.5	<0.002	0.01	10.15	13.4	1	1.4	175.5	0.94	<0.05	13.9	0.315	2.8
M899907		15.1	97.2	<0.002	<0.01	9.73	15.1	1	1.6	189.0	1.12	<0.05	13.6	0.368	2.7
M899908		15.7	151.0	<0.002	0.01	16.65	14.7	1	1.8	144.0	0.79	0.26	13.2	0.331	2.4
M899909		12.6	188.0	<0.002	0.03	36.2	15.6	1	1.8	62.9	0.72	0.12	12.7	0.320	3.2
M899910		15.4	128.5	<0.002	0.03	39.6	13.6	1	1.5	162.0	0.66	<0.05	11.8	0.304	3.0
M899911		19.2	127.0	<0.002	0.01	16.00	14.2	1	1.8	187.0	0.71	<0.05	13.2	0.333	2.6
M899912		2870	167.5	0.002	4.90	94.8	8.8	1	8.2	92.4	0.50	0.40	10.7	0.183	5.9
M899913		16.9	104.5	<0.002	0.01	10.25	15.9	1	1.9	145.5	0.81	<0.05	14.1	0.355	2.3
M899914		13.7	153.0	<0.002	0.01	19.10	15.3	1	1.6	62.8	0.72	<0.05	12.4	0.312	2.8
M899915		14.3	129.5	<0.002	<0.01	13.10	15.3	1	1.7	144.0	0.98	<0.05	13.2	0.346	2.4
M899916		13.9	122.5	<0.002	<0.01	10.90	14.4	1	1.8	157.5	0.88	<0.05	12.4	0.321	2.8
M899917		25.4	118.5	<0.002	0.01	10.05	13.3	1	1.7	215	0.71	<0.05	11.8	0.334	2.3
M899918		42.5	165.5	<0.002	0.01	24.9	16.2	1	1.9	140.0	0.69	<0.05	12.8	0.322	2.6
M899919		300	189.5	<0.002	0.12	75.2	36.4	2	3.9	117.5	0.41	0.14	10.7	0.467	4.4
M899920		33.4	161.0	<0.002	0.02	37.1	14.9	1	1.9	97.0	0.66	<0.05	11.9	0.309	2.5
M899921		27.0	181.0	<0.002	0.05	38.5	13.6	1	1.9	84.2	0.62	<0.05	10.5	0.292	2.5
M899922		15.0	169.0	<0.002	0.03	24.9	12.7	1	1.8	92.3	0.87	<0.05	14.7	0.296	2.8
M899923		12.6	150.5	<0.002	0.03	22.9	12.3	1	1.9	76.2	0.78	<0.05	10.4	0.295	2.1
M899924		26.5	137.0	<0.002	0.02	12.80	12.7	1	2.3	157.0	0.73	0.17	14.5	0.305	2.3
M899925		33.0	174.5	<0.002	0.01	16.45	13.3	1	2.3	110.0	0.69	<0.05	13.9	0.294	2.1
M899926		26.9	113.0	<0.002	0.01	7.51	13.8	1	1.9	246	0.76	<0.05	13.4	0.328	2.3
M899927		50.7	181.5	<0.002	0.06	24.1	14.9	1	2.1	160.5	0.72	<0.05	13.7	0.320	2.6
M899928		15.5	104.5	<0.002	0.01	3.85	13.1	1	2.2	170.5	0.83	<0.05	13.5	0.343	1.8
M899929		18.8	183.0	<0.002	0.04	12.80	13.8	1	1.8	103.5	0.75	<0.05	13.0	0.308	2.8
M899930		13.9	195.0	<0.002	0.05	16.30	12.9	1	1.7	62.7	0.67	<0.05	12.7	0.310	2.6
M899931		96.8	205	<0.002	0.13	39.4	12.5	1	1.8	187.0	0.65	<0.05	12.1	0.290	2.8
M899932		389	197.5	<0.002	0.30	21.1	11.5	1	1.7	83.8	0.82	<0.05	13.6	0.262	2.7
M899933		1.7	4.0	<0.002	0.01	0.14	0.4	1	<0.2	39.5	<0.05	<0.05	<0.2	0.005	0.6
M899934		9.5	188.0	<0.002	0.05	14.15	12.0	1	1.6	60.2	0.75	<0.05	13.2	0.264	2.5
M899935		42.7	180.5	<0.002	0.12	30.1	12.8	1	1.7	70.4	0.58	<0.05	12.1	0.288	2.7
M899936		13.4	115.0	<0.002	0.05	32.9	14.4	1	2.7	54.8	0.67	0.05	10.2	0.343	2.2



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To: ROCKHAVEN RESOURCES LTD.
 C/O ARCHER, CATHRO & ASSOCIATES (1981)
 LIMITED
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 Account: ROCKHA

Project: Klaza TR-12-36

CERTIFICATE OF ANALYSIS WH12164240

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
M899901		108	2.0	15.1	66	14.0
M899902		106	1.8	16.5	56	14.8
M899903		104	2.2	13.4	53	14.0
M899904		105	1.9	15.3	95	15.7
M899905		103	2.8	15.2	89	15.7
M899906		102	2.2	14.5	57	17.9
M899907		120	2.6	14.2	53	17.8
M899908		112	1.5	15.6	66	16.5
M899909		113	1.6	17.6	78	16.9
M899910		106	1.8	20.1	72	15.5
M899911		109	2.0	15.6	72	19.0
M899912		59	5.5	10.6	5200	27.7
M899913		111	4.2	15.9	57	15.6
M899914		108	2.3	19.5	79	14.7
M899915		114	1.9	16.1	66	15.3
M899916		111	1.8	15.3	73	15.1
M899917		106	1.7	12.9	81	19.8
M899918		121	2.3	23.3	94	17.4
M899919		221	4.8	45.4	416	27.6
M899920		119	1.9	20.6	110	15.8
M899921		134	1.9	17.8	92	17.5
M899922		98	2.1	16.1	76	22.8
M899923		98	2.5	15.2	59	18.0
M899924		100	3.8	16.4	75	22.7
M899925		98	3.1	19.4	85	19.0
M899926		109	2.1	13.5	90	17.6
M899927		108	3.6	22.3	95	15.5
M899928		103	4.5	11.6	64	17.3
M899929		107	3.1	16.6	70	16.5
M899930		99	1.9	14.5	60	14.4
M899931		97	3.3	15.2	222	13.7
M899932		89	2.8	14.3	317	16.3
M899933		4	0.1	0.8	17	<0.5
M899934		95	2.6	15.0	63	16.8
M899935		97	2.6	13.6	137	12.5
M899936		121	3.8	11.6	89	12.6



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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.