



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: 1-OCT-2012  
Account: ROCKHA

**CERTIFICATE WH12219178**

Project: Klaza-128

P.O. No.: Batch 8

This report is for 20 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 15-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-22d	Sample login - Rcd w/o BarCode dup
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
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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**CERTIFICATE OF ANALYSIS WH12219178**

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
M354398		7.71	0.017	0.73	7.39	21.6	780	1.47	1.54	2.08	0.39	47.9	10.3	7	10.45	369
M354399		4.03	0.012	0.32	7.55	14.4	470	1.41	0.97	1.68	0.31	37.2	8.8	8	9.08	139.0
M354400		0.26	2.21	25.2	5.81	3250	690	1.21	18.85	2.21	76.9	44.4	9.8	18	13.45	425
M354401		5.38	0.014	0.30	6.78	24.4	440	1.31	0.80	1.49	1.02	36.5	9.5	8	7.77	114.5
M354402		5.30	0.019	0.23	5.85	12.2	670	0.95	0.42	0.48	0.58	30.3	7.9	11	4.04	35.9
M354403		2.94	0.033	0.44	5.73	31.4	600	1.18	0.42	0.71	1.23	32.7	6.7	9	5.47	86.6
M354404		2.97	0.115	6.92	5.77	157.5	290	0.88	10.90	1.08	4.23	31.8	12.2	8	4.37	335
M354405		2.47	<0.005	0.04	0.08	<5	20	0.05	0.05	21.1	0.07	1.33	1.3	<1	0.33	2.4
M354406		3.60	0.022	0.51	6.60	35.7	620	0.84	0.72	1.04	1.12	55.2	7.1	9	5.06	89.6
M354407		8.54	0.020	0.26	5.74	20.1	560	1.09	0.51	0.77	1.29	40.7	23.1	11	6.52	57.5
M354408		7.56	0.021	0.52	7.17	40.2	630	1.43	0.68	2.20	0.31	51.0	8.2	7	14.50	260
M354409		<0.02	0.021	0.53	7.55	42.8	590	1.48	0.67	2.28	0.31	56.4	8.3	7	15.25	266
M354410		7.15	0.022	0.58	6.75	11.2	1050	1.41	0.64	3.07	0.27	50.0	7.6	7	10.35	328
M354411		8.04	0.019	0.64	6.79	7.6	330	1.63	0.89	2.90	0.29	45.7	7.7	6	11.75	316
M354412		7.81	0.018	0.69	7.52	23.0	350	1.68	2.87	2.26	0.28	40.4	9.0	8	13.05	285
M354413		3.23	0.105	2.47	6.20	326	120	1.10	10.50	1.17	4.39	40.1	15.1	7	10.55	562
M354414		3.13	<0.005	0.02	0.14	<5	30	0.05	0.06	20.7	0.07	1.41	1.6	2	0.66	4.2
M354415		6.06	0.013	0.55	7.15	13.4	390	1.31	0.97	2.37	0.33	55.9	6.3	8	12.60	267
M354416		7.78	0.018	0.49	7.09	12.3	380	1.31	1.31	2.67	0.22	53.4	7.7	8	12.90	289
M354417		8.27	0.022	0.82	6.70	21.2	240	1.15	2.25	2.21	0.36	51.0	10.9	9	11.40	667



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 Account: ROCKHA

Project: Klaza-128

**CERTIFICATE OF ANALYSIS WH12219178**

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
M354398		3.88	15.10	0.16	0.9	0.099	3.51	22.7	14.8	0.81	213	10.90	0.28	5.3	3.1	570
M354399		3.70	15.05	0.15	0.7	0.042	3.18	17.5	22.1	0.66	127	2.85	0.07	4.5	2.6	560
M354400		6.49	13.80	0.19	1.0	1.650	2.54	23.2	20.9	0.90	1860	13.35	0.04	6.2	14.7	430
M354401		3.19	15.20	0.14	0.7	0.038	2.98	17.2	16.2	0.56	121	20.4	0.08	3.9	2.6	440
M354402		1.80	14.20	0.09	0.7	0.049	2.83	15.8	10.8	0.29	105	22.2	0.08	3.4	2.2	410
M354403		1.99	13.25	0.10	0.7	0.091	2.83	17.8	11.6	0.45	493	15.20	0.06	3.3	2.5	410
M354404		7.77	12.75	0.22	0.6	0.261	2.76	16.8	11.5	0.66	903	14.80	0.06	2.6	3.1	420
M354405		0.49	0.33	0.07	<0.1	0.005	0.04	0.6	0.9	12.55	222	0.18	<0.01	0.3	2.9	150
M354406		3.04	14.50	0.13	0.7	0.072	3.10	31.0	11.3	0.41	312	7.06	0.08	3.1	2.8	470
M354407		2.87	12.15	0.11	0.6	0.071	2.73	22.3	13.6	0.42	205	24.0	0.06	2.7	2.9	400
M354408		3.14	15.45	0.14	0.8	0.083	2.90	25.7	18.2	0.80	307	11.95	0.05	5.3	2.4	560
M354409		3.36	16.05	0.15	0.8	0.090	3.01	28.9	19.5	0.85	317	12.10	0.05	5.4	2.8	560
M354410		2.49	15.90	0.13	0.9	0.097	2.90	24.3	19.7	0.81	280	8.93	0.08	6.7	2.6	560
M354411		2.83	15.00	0.15	1.0	0.092	2.93	21.1	17.3	0.78	232	5.76	0.60	6.7	3.3	540
M354412		3.77	15.70	0.15	0.9	0.115	3.66	20.2	13.1	0.93	304	3.19	0.14	6.5	2.8	570
M354413		9.36	12.80	0.26	0.6	0.315	2.94	19.5	8.6	0.62	494	5.25	0.04	3.7	2.3	480
M354414		0.49	0.45	0.05	<0.1	0.005	0.07	0.6	1.3	12.25	223	0.17	0.01	0.3	3.8	190
M354415		2.94	15.20	0.13	0.8	0.088	3.40	27.9	10.6	0.83	223	3.86	0.75	6.5	2.6	540
M354416		3.07	16.25	0.14	0.7	0.102	2.96	26.6	16.7	0.87	226	4.36	0.81	6.4	2.7	550
M354417		5.43	14.15	0.18	0.7	0.183	2.94	24.0	14.3	0.81	179	4.26	0.52	5.3	2.4	490



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**CERTIFICATE OF ANALYSIS WH12219178**

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
M354398		22.8	149.0	0.005	3.85	9.88	11.0	5	6.6	130.5	0.45	0.24	12.4	0.165	1.76	6.4
M354399		17.2	132.5	<0.002	3.85	6.85	11.1	5	5.7	68.2	0.36	0.14	13.6	0.153	1.48	5.9
M354400		2810	158.5	<0.002	4.67	87.2	7.7	2	7.7	87.8	0.47	0.39	9.6	0.173	2.17	5.0
M354401		34.0	126.5	0.009	3.18	12.95	9.5	3	5.9	67.4	0.31	0.12	11.8	0.130	1.29	7.4
M354402		28.2	135.0	0.009	1.61	6.97	8.1	2	5.3	15.7	0.29	0.06	10.1	0.106	1.27	3.3
M354403		51.6	142.0	0.003	1.78	17.40	8.2	2	5.5	25.0	0.27	0.06	10.6	0.108	1.64	2.9
M354404		249	134.0	0.003	8.55	103.5	7.7	8	13.6	22.2	0.20	0.51	8.3	0.095	1.53	3.1
M354405		2.1	2.6	<0.002	0.02	0.39	0.4	1	<0.2	42.2	<0.05	<0.05	<0.2	<0.005	0.02	0.5
M354406		87.5	145.5	0.002	2.83	15.95	8.3	3	7.1	33.3	0.25	0.06	11.9	0.106	1.50	3.9
M354407		44.6	126.0	0.005	2.73	6.67	7.5	2	7.4	25.4	0.21	0.07	10.3	0.097	1.47	2.4
M354408		21.6	130.5	0.004	2.82	18.45	10.0	4	5.5	70.7	0.43	0.09	12.8	0.164	1.89	3.3
M354409		22.9	139.5	0.003	2.97	19.65	10.4	4	5.5	73.9	0.43	0.10	13.8	0.169	1.92	3.4
M354410		21.0	91.4	0.004	2.03	10.15	9.9	3	6.2	111.0	0.53	0.07	11.8	0.189	1.52	2.7
M354411		23.4	97.4	<0.002	2.50	8.47	10.3	4	6.6	228	0.55	0.07	10.7	0.183	1.48	5.8
M354412		22.6	136.0	<0.002	3.40	10.70	10.5	5	8.2	94.7	0.57	0.58	11.5	0.199	2.00	4.3
M354413		214	140.0	<0.002	>10.0	34.5	8.4	12	9.6	36.6	0.29	0.65	8.9	0.132	2.10	2.8
M354414		2.0	4.7	<0.002	0.02	0.26	0.6	1	<0.2	46.7	<0.05	<0.05	0.2	0.006	0.03	1.3
M354415		23.7	132.5	<0.002	2.51	8.98	9.9	3	6.3	270	0.49	0.12	12.2	0.202	1.73	4.2
M354416		18.5	114.0	<0.002	2.62	4.63	10.1	4	7.2	282	0.48	0.19	11.2	0.198	1.56	4.3
M354417		24.1	112.0	<0.002	5.43	4.01	9.4	5	9.2	554	0.40	0.26	9.8	0.170	1.39	3.7



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**CERTIFICATE OF ANALYSIS    WH12219178**

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62
		V	W	Y	Zn	Zr	Ag
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	ppm 1
M354398		66	11.6	12.8	44	20.2	<1
M354399		70	9.1	11.4	35	16.9	<1
M354400		55	5.0	9.5	5410	24.8	24
M354401		63	7.3	10.9	76	16.8	<1
M354402		57	6.8	7.0	55	16.0	<1
M354403		56	6.8	6.7	125	14.9	<1
M354404		56	10.7	6.3	367	14.0	6
M354405		3	0.2	0.9	15	0.6	<1
M354406		61	7.2	8.1	117	16.5	<1
M354407		55	6.8	7.2	128	14.1	<1
M354408		62	7.1	11.3	52	18.0	<1
M354409		63	7.1	11.9	53	18.2	<1
M354410		64	7.4	12.3	44	20.3	<1
M354411		63	7.6	12.7	50	21.7	<1
M354412		68	9.6	12.2	47	19.3	1
M354413		60	10.7	10.5	368	13.1	2
M354414		4	0.2	0.9	14	<0.5	<1
M354415		66	7.4	13.2	53	18.3	<1
M354416		66	7.0	12.3	50	16.8	<1
M354417		64	10.2	12.2	50	17.1	<1

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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)