



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: 17-SEP-2012  
Account: ROCKHA

**CERTIFICATE WH12207083**

Project: Klaza-121

P.O. No.: Batch 10

This report is for 25 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 3-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
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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**CERTIFICATE OF ANALYSIS WH12207083**

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
N812709		5.11	0.055	0.85	6.93	71.5	120	0.98	19.45	1.08	0.23	49.0	20.4	9	5.06	110.0
N812710		3.15	0.029	1.25	7.09	28.2	150	0.93	7.17	0.95	2.11	37.1	14.6	7	6.11	17.1
N812711		5.19	0.013	0.35	6.42	28.2	290	1.22	2.12	2.73	0.35	49.0	5.0	7	8.15	30.3
N812712		2.46	0.005	0.43	6.13	10.8	100	1.03	2.24	3.59	1.03	56.1	7.7	8	9.26	16.1
N812713		9.31	0.006	0.31	6.31	11.0	180	1.13	1.64	3.80	0.46	56.0	6.8	8	9.16	15.5
N812714		3.78	<0.005	0.33	7.01	11.9	350	1.42	1.19	2.75	0.69	41.1	3.6	8	11.05	14.6
N812715		4.41	0.005	0.20	6.81	14.5	310	1.33	1.46	2.18	0.19	46.7	9.3	7	12.50	20.0
N812716		3.42	0.006	0.24	6.80	10.5	320	1.22	1.85	2.10	0.22	64.4	13.8	7	9.42	18.5
N812717		4.01	0.036	0.29	6.44	19.3	230	1.04	1.40	1.74	0.27	51.4	9.5	8	9.42	53.7
N812718		3.08	0.034	1.41	6.85	43.0	400	1.40	1.79	2.21	2.45	47.2	4.7	9	14.15	43.2
N812719		2.35	<0.005	0.08	0.11	<5	150	0.07	0.04	20.8	0.06	1.32	0.6	<1	0.24	2.7
N812720		6.47	0.009	0.38	6.83	19.7	370	1.17	1.32	2.15	0.44	41.5	5.6	8	11.75	24.6
N812721		5.72	0.010	0.32	7.20	12.0	300	1.29	1.40	2.68	0.37	35.4	10.3	8	9.84	16.4
N812722		3.52	0.015	0.20	7.33	9.6	770	1.47	0.86	2.32	0.37	35.8	7.0	9	11.50	15.2
N812723		4.88	0.010	0.32	7.04	9.8	420	1.59	1.37	2.38	0.66	36.0	11.4	10	10.25	17.3
N812724		6.84	<0.005	0.23	6.69	11.8	300	1.59	1.69	2.85	0.18	41.3	6.7	9	12.95	19.4
N812725		7.27	0.010	0.29	7.60	10.5	760	1.32	1.32	4.31	0.29	41.9	11.0	46	12.20	48.1
N812726		4.73	0.021	0.43	7.10	54.4	370	1.42	1.70	2.06	0.65	46.8	23.6	7	12.70	61.4
N812727		3.04	0.049	0.63	6.53	55.0	200	1.10	3.24	1.25	0.31	54.7	31.9	9	7.77	28.0
N812728		<0.02	0.050	0.73	6.42	53.3	190	1.06	3.26	1.22	0.31	51.6	34.8	13	7.50	34.7
N812729		2.74	0.005	0.26	6.55	16.4	560	1.32	1.56	3.01	0.27	37.4	9.9	8	9.02	26.8
N812730		2.68	<0.005	0.31	7.20	7.1	370	1.55	0.90	2.68	0.20	42.7	5.8	8	10.45	17.5
N812731		1.56	<0.005	0.18	7.27	8.8	1310	1.42	0.74	2.55	0.16	47.8	5.5	8	10.45	21.0
N812732		2.78	0.006	0.25	6.82	10.5	590	1.46	0.94	2.92	0.24	46.2	5.4	7	11.90	25.3
N812733		4.81	<0.005	0.24	6.99	9.1	580	1.35	1.20	2.71	0.37	44.9	4.4	10	9.32	24.9



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Project: Klaza-121

**CERTIFICATE OF ANALYSIS WH12207083**

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
N812709		7.05	15.05	0.16	0.8	0.261	3.21	21.1	38.9	0.57	776	3.33	0.06	3.7	8.0	550
N812710		5.79	12.00	0.14	0.8	0.136	3.00	16.3	27.2	0.42	535	2.99	0.09	3.7	8.5	570
N812711		4.73	13.10	0.13	0.7	0.210	2.11	24.7	42.1	0.71	551	2.26	0.42	4.6	8.4	500
N812712		5.14	12.65	0.15	0.7	0.240	1.81	24.5	25.5	0.64	320	0.60	0.64	4.9	10.7	500
N812713		4.54	13.25	0.14	0.7	0.229	1.80	29.5	32.7	0.59	416	1.16	0.54	4.7	5.9	480
N812714		2.75	13.90	0.14	0.8	0.173	1.28	17.3	27.2	0.76	219	0.45	2.01	5.9	7.3	590
N812715		3.73	15.70	0.14	0.7	0.236	1.46	21.1	28.2	0.84	239	1.02	0.65	5.3	13.8	590
N812716		3.98	14.40	0.12	0.8	0.173	1.52	31.9	30.1	0.73	211	12.10	0.53	5.8	11.1	480
N812717		3.27	13.85	0.15	0.8	0.212	1.34	26.5	29.3	0.73	244	4.10	0.09	5.5	7.9	520
N812718		3.48	14.80	0.14	0.9	0.168	2.54	23.2	41.1	0.77	1200	4.33	0.10	5.8	3.1	510
N812719		0.49	0.29	0.14	<0.1	0.010	0.04	0.6	1.2	12.35	209	0.08	0.01	0.3	1.6	230
N812720		2.95	13.65	0.15	0.8	0.181	2.01	19.2	33.5	0.81	452	0.61	0.62	5.7	2.8	520
N812721		3.62	13.85	0.13	0.9	0.129	1.57	16.2	26.7	0.70	250	1.34	1.93	6.1	5.0	560
N812722		2.64	14.30	0.12	0.8	0.069	1.74	14.2	36.5	0.78	215	0.61	1.87	5.1	4.0	570
N812723		3.44	15.10	0.13	1.0	0.102	1.65	15.1	21.7	0.79	251	0.55	1.96	5.5	6.3	590
N812724		3.10	15.25	0.13	0.9	0.189	1.77	20.1	33.0	0.59	253	0.68	1.98	6.5	2.3	570
N812725		5.83	18.40	0.16	2.2	0.152	1.58	18.5	33.2	2.36	845	0.77	1.69	6.5	3.2	1180
N812726		4.07	15.30	0.15	0.9	0.136	2.39	22.6	17.7	0.83	340	2.36	0.87	4.8	3.4	540
N812727		5.89	13.00	0.14	0.8	0.174	2.96	26.8	15.7	0.62	353	3.18	0.15	3.6	3.8	470
N812728		5.94	12.90	0.16	0.7	0.171	2.93	24.6	14.8	0.61	307	3.23	0.16	3.4	3.9	460
N812729		3.38	13.65	0.12	0.9	0.178	2.01	18.0	40.9	1.02	343	1.05	1.32	5.4	2.2	520
N812730		3.15	14.70	0.14	1.0	0.220	1.67	18.8	21.9	0.70	277	0.67	2.52	6.1	2.2	580
N812731		2.63	15.20	0.16	1.0	0.234	1.56	21.8	25.9	0.65	268	0.56	2.68	6.1	2.0	550
N812732		3.26	14.20	0.15	1.1	0.166	1.69	21.2	35.6	0.76	345	2.06	1.94	6.3	2.1	550
N812733		2.89	14.30	0.13	0.8	0.285	1.72	18.5	39.9	0.64	304	1.10	2.30	5.3	1.9	570



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**CERTIFICATE OF ANALYSIS WH12207083**

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
N812709		31.9	165.0	<0.002	6.83	14.15	10.6	5	16.5	56.3	0.35	1.97	14.6	0.123	2.57	4.1
N812710		80.1	135.5	0.002	5.87	2.86	10.4	5	16.4	60.2	0.33	2.09	12.7	0.131	2.45	4.3
N812711		22.8	100.0	0.003	4.32	3.78	9.0	2	9.4	161.5	0.40	0.23	12.6	0.149	1.88	4.2
N812712		43.5	84.8	<0.002	4.99	2.04	9.5	1	5.6	235	0.41	0.28	13.2	0.155	1.35	4.0
N812713		24.9	86.4	<0.002	4.09	2.05	9.2	3	6.6	277	0.44	0.17	12.6	0.146	1.29	3.8
N812714		29.2	56.8	0.002	2.29	1.91	10.0	1	3.7	363	0.53	0.14	13.1	0.187	1.01	3.5
N812715		12.5	89.7	0.002	3.06	2.82	9.8	2	4.6	224	0.43	0.26	13.5	0.160	1.20	3.7
N812716		17.7	93.0	0.005	3.51	4.18	8.6	1	4.1	187.5	0.51	0.20	15.2	0.172	1.34	3.5
N812717		17.5	85.8	<0.002	2.45	6.04	8.9	1	3.9	115.5	0.46	0.21	13.8	0.181	1.41	3.2
N812718		441	137.0	0.003	3.16	20.7	9.8	1	4.8	159.0	0.53	0.15	14.4	0.185	2.32	5.4
N812719		1.8	2.0	<0.002	<0.01	0.11	0.3	<1	0.3	43.8	0.06	<0.05	0.2	0.005	0.06	0.6
N812720		22.0	102.0	<0.002	2.44	6.34	9.2	2	3.9	149.5	0.54	0.20	14.4	0.179	1.90	4.1
N812721		25.5	76.5	0.002	3.29	1.86	9.8	1	4.5	339	0.55	0.21	13.1	0.198	1.18	3.5
N812722		17.5	86.8	0.002	2.28	1.33	8.7	2	4.2	346	0.47	0.13	13.5	0.182	1.17	3.3
N812723		27.4	77.7	0.003	3.05	1.37	10.6	1	3.3	313	0.52	0.34	13.3	0.197	1.17	2.9
N812724		12.8	86.7	0.002	2.46	2.15	9.9	2	3.8	538	0.54	0.74	11.9	0.195	1.50	3.9
N812725		22.9	48.1	<0.002	2.58	1.98	24.6	2	7.0	918	0.40	0.06	7.0	0.497	0.99	3.4
N812726		31.5	134.5	0.003	3.65	10.55	10.2	1	4.3	168.0	0.39	0.37	13.3	0.156	1.95	4.2
N812727		20.6	173.0	0.002	5.85	9.96	8.8	2	7.6	68.7	0.31	1.18	13.5	0.122	2.20	4.6
N812728		22.7	163.5	<0.002	5.93	12.40	8.3	2	7.4	65.3	0.30	1.38	12.9	0.114	2.12	4.3
N812729		16.0	77.0	<0.002	2.63	2.46	8.6	2	3.0	264	0.46	0.42	11.6	0.169	1.53	3.8
N812730		18.9	65.9	0.002	2.15	1.50	9.6	1	2.7	494	0.57	0.10	12.8	0.190	1.13	4.4
N812731		12.7	69.3	0.002	1.55	1.68	9.6	1	2.8	437	0.55	0.08	14.0	0.188	1.10	4.5
N812732		18.0	68.8	0.002	1.95	2.54	9.5	1	2.8	430	0.53	0.15	11.7	0.189	1.07	4.1
N812733		19.9	65.4	0.002	1.95	1.79	9.4	1	4.2	448	0.45	0.08	11.4	0.181	1.17	3.8



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**CERTIFICATE OF ANALYSIS    WH12207083**

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
N812709		51	12.7	10.5	40	18.2	1
N812710		70	13.7	11.1	219	17.1	1
N812711		55	8.4	13.2	53	16.1	<1
N812712		57	14.2	15.2	94	15.0	<1
N812713		68	12.7	14.2	60	15.5	<1
N812714		57	9.1	11.6	61	18.6	<1
N812715		74	5.9	13.8	43	17.1	<1
N812716		55	5.6	12.7	36	18.2	<1
N812717		86	3.2	12.3	50	17.0	<1
N812718		68	6.8	12.9	248	20.1	1
N812719		2	0.1	0.8	14	0.5	<1
N812720		50	5.2	12.0	60	17.6	<1
N812721		76	11.6	12.7	52	19.4	<1
N812722		57	9.6	10.0	56	18.5	<1
N812723		72	7.4	10.1	75	22.3	<1
N812724		59	6.4	13.0	49	21.2	<1
N812725		189	11.6	21.0	111	64.3	1
N812726		68	4.8	13.0	81	19.3	<1
N812727		68	11.1	9.9	43	17.1	<1
N812728		64	10.0	9.1	44	15.4	1
N812729		60	8.4	11.9	50	20.1	<1
N812730		63	6.9	12.5	55	22.8	<1
N812731		61	5.0	13.0	50	22.9	<1
N812732		60	5.2	12.8	59	25.1	<1
N812733		60	5.0	12.7	63	17.4	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)